

# OPT

## ELECTRICIANS TOOLS

OPT ELECTRICIANS TOOLS 2015



## ELECTRICIANS TOOLS







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# COMPANY PROFILE

OPT ELECTRICIANS TOOLS



Lun-Yuan Enterprise Co., Ltd. was established in 1979. First we make only hand tools and hydraulic tools, since then, our company has grown step by step, adding other products, like crimping tools, cable cutters, cable stripper, battery crimping tools, battery cable cutters, plumbing tools, fish tapes and so on.

Our famous trade mark is **OPT Electricians Tools**. After many years, we have great reputation over the world.

We introduce many kinds of precision machines to make sure the high quality of our tools. Also our personal training, our co-workers are making tools with professional knowledge, experience and passion energy.

Smooth process of OPT tool product order: Soon quotation and on-line service via e-mail. We provide you technique support, on-time delivery and promotion suggestion. We would like to be your faithful business partner in worldwide market.





## SECOND FACTORY OF TOOLS PRODUCTION



We expanded our product line this year 2014, our second factory of tool production. Now we have more production capacity of hand/hydraulic/battery crimping/cutting/punching tools. Please find more details online via our website [www.opttools.com](http://www.opttools.com)

## FACTORY OF FISH TAPES PRODUCTION



Our factory of fish tapes for various fish tapes products manufacturing. We also could provide you OEM/ODM service. The quality of our fish tapes products are all 100% high quality, made of high standard plastic raw material and our professional technique.

Please discover more details at our website [www.fish-tapes.com](http://www.fish-tapes.com)



# ISO 9001:2008



## Registration Certificate

This is to certify that the Management Systems of

### LUN-YUAN ENTERPRISE CO., LTD.

have been assessed by AJA Registrars and registered against the requirements of

### ISO 9001 : 2008 / CNS 12681

Certificate No:	AJA059041	Date of Original Registration:	11/07/2005
Expiry Date:	01/07/2017	Date of Re-Registration:	28/08/2014

Chief Executive - AJA Registrars Ltd

This certificate is issued in respect of the locations & scope of registration detailed in the Associated Registration Schedule. This certificate is the property of AJA Registrars Ltd Unit 6 Gordons Court Gordons Gate Business Park, Sothel Close Portlough Belfast UK BS20 7YS and must be returned on request. A member of the AJA Group of Companies

## CE CERTIFICATE





# 14.4V BATTERY CRIMPING TOOL

**EP-2501** With 14.4V Ni-MH Battery  
**EPL-2501** With 14.4V Li-Ion Battery



Dimension:  
 300(L)x300(W)x78(H)mm  
 Weight: 5.9kgs  
 (Without Battery)

**EP-4201** With 14.4V Ni-MH Battery  
**EPL-4201** With 14.4V Li-Ion Battery



Dimension:  
 430(L)x280(W)x75(H)mm  
 Weight: 6.7kgs  
 (Without Battery)

**EP-3001 & EP-4001** With 14.4V Ni-MH Battery  
**EPL-3001 & EPL-4001** With 14.4V Li-Ion Battery



Dimension:  
 400(L)x280(W)x70(H)mm (EP-3001)  
 430(L)x270(W)x70(H)mm (EP-4001)  
 Weight: 5.9kgs (EP-3001)  
 Weight: 7.2kgs (EP-4001)  
 (Without Battery)



General Specification	
Feature	360 degree swivel head
Application	Connector Crimping
Output	12 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Crimping Range
EP-2501 & EPL-2501	C-Jaw Opening 25mm
EP-3001 & EPL-3001	C-Jaw Opening 30mm
EP-4001 & EPL-4001	C-Jaw Opening 38mm
EP-4201 & EPL-4201	C-Jaw Opening 42mm
With Standard Dies 35 50 70 95 120 150 185 240 300 400 sqmm	

**EP-1501 & EP-2101**  
 With 14.4V Ni-MH Battery  
**EPL-1501 & EPL-2101**  
 With 14.4V Li-Ion Battery



General Specification	
Feature	360 degree swivel head
Application	Non-insulated Terminal Crimping
Output	12 Tons
Voltage	DC 14.4V
Capacity	3Ah

Dimension:  
 350(L)x240(W)x70(H)mm (EP-1501)  
 350(L)x240(W)x70(H)mm (EP-2101)  
 Weight: 6kgs (EP-1501)  
 Weight: 6kgs (EP-2101)  
 (Without Battery)

Model No.	Crimping Range
EP-1501 & EPL-1501	Max. 185mm <sup>2</sup>
With Male Dies(3pcs) 16-25/35-60/70-185 sqmm	
With Female Dies(1pc) 16/25-35/50-60/70-120/150-185 sqmm	
EP-2101 & EPL-2101	Max. 240mm <sup>2</sup>
With Male Dies(4pcs) 25-35/35-60/70-185/240 sqmm	
With Female Dies(1pc) 25-35/50-70/95-120/150-185/240 sqmm	



**EP-3251** With 14.4V Ni-MH Battery  
**EPL-3251** With 14.4V Li-Ion Battery



Dimension:  
 400(L)x320(W)x80(H)mm  
 Weight: 5.6kgs  
 (Without Battery)

General Specification	
Feature	360 degree swivel head
Application	Non-insulated Terminal Crimping
Output	18 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Crimping Range
EP-3251 & EPL-3251	Max. 400mm <sup>2</sup>
With Male Dies(4pcs) 16/25-35/50-120/150-400 sqmm	
With Female Dies(1pc) 16-25/35-70/95-120/150-185/200/300/400 sqmm	

**EP-3501** With 14.4V Ni-MH Battery  
**EPL-3501** With 14.4V Li-Ion Battery



Dimension:  
 390(L)x310(W)x70(H)mm  
 Weight: 5.6kgs  
 (Without Battery)

General Specification	
Feature	360 degree swivel head
Application	Non-insulated Terminal Crimping
Output	12 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Crimping Range
EP-3501 & EPL-3501	35-400mm <sup>2</sup>
With Hexagon dies 35 50 70 95 120 150 185 240 300 400 sqmm	

**EP-4131** With 14.4V Ni-MH Battery  
**EPL-4131** With 14.4V Li-Ion Battery



Dimension:  
 400(L)x280(W)x80(H)mm  
 Weight: 6.1kgs  
 (Without Battery)

General Specification	
Feature	360 degree swivel head
Application	CU & AL Connector Crimping
Output	12 Tons
Voltage	DC 14.4V
Capacity	3Ah



Model No.	Crimping Range
EP-4131 & EPL-4131	Max. 400mm <sup>2</sup>
AR-413: DF & DM & LF Type Dies	
AR-415: Deep Indent dies 35-50/70-95sqmm	
AR-416: Deep Indent dies 120-150/185-240sqmm	

# 14.4V BATTERY CRIMPING TOOL

**EP-6301** With 14.4V Ni-MH Battery  
**EPL-6301** With 14.4V Li-Ion Battery



Dimension:  
 420(L)x320(W)x75(H)mm  
 Weight: 6.9kgs  
 (Without Battery)

General Specification	
Feature	360 degree swivel head
Application	CU & AL Connector Crimping
Output	18 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Crimping Range
EP-6301 & EPL-6301	Max. 630mm <sup>2</sup>
With Standard Dies 35 50 70 95 120 150 185 240 300 400 500 630 sqmm	

**EDL-500** With 14.4V Ni-MH Battery  
**EDLL-500** With 14.4V Li-Ion Battery



Dimension:  
 430(L)x78(W)x300(H)mm  
 Weight: 7.6kgs

General Specification	
Feature	360 degree swivel head
Application	CU & AL Connector Crimping
Output	12 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Crimping Range	
	DIN mm <sup>2</sup>	AWG/MCM
EDL-500 & EDLL-500	70-500	2/0-1000
Dieless Type		

**EP-6** With 14.4V Ni-MH Battery

**EPL-6** With 14.4V Li-Ion Battery



Dimension:  
390(L)x310(W)x70(H)mm  
Weight: 4.8kgs  
(Without Battery)

General Specification	
Feature	360 degree swivel head
Application	Cable Lug Crimping
Output	6 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Crimping Range	
	DIN mm <sup>2</sup>	AWG/MCM
EP-6 & EPL-6	16-300	10-600
Dieless Type - Opening between Nibs: 32mm		

**EP-8** With 14.4V Ni-MH Battery

**EPL-8** With 14.4V Li-Ion Battery



Dimension:  
420(L)x300(W)x70(H)mm  
Weight: 5kgs  
(Without Battery)

General Specification	
Feature	360 degree swivel head
Application	Cable Lug Crimping
Output	6 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Crimping Range	
	DIN mm <sup>2</sup>	AWG/MCM
EP-8 & EPL-8	25-400	3-750
Dieless Type - Opening between Nibs: 36mm		

**EP-22** With 14.4V Ni-MH Battery

**EPL-22** With 14.4V Li-Ion Battery



Dimension:  
370(L)x290(W)x70(H)mm  
Weight: 4.3kgs  
(Without Battery)

General Specification	
Feature	360 degree swivel head
Application	Cable Lug Crimping
Output	6 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Crimping Range	
	DIN mm <sup>2</sup>	AWG/MCM
EP-22 & EPL-22	10-300	8-600
R22 Type Hexagon dies - Please check the Dies-List		



# 14.4V BATTERY CRIMPING TOOL

**EP-58** With 14.4V Ni-MH Battery  
**EPL-58** With 14.4V Li-Ion Battery



Dimension:  
 370(L)x290(W)x70(H)mm  
 Weight: 3.9kgs  
 (Without Battery)

General Specification	
Feature	180 degree Swivel Head
Application	Cable Lug Crimping
Output	6 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Crimping Range	
	DIN mm <sup>2</sup>	AWG/MCM
EP-58 & EPL-58	10-240	8-400
With Standard Dies 10-16/25-35/50-70/95-120/150-185/240 sqmm		

**EP-80** With 14.4V Ni-MH Battery  
**EPL-80** With 14.4V Li-Ion Battery



Dimension:  
 390(L)x310(W)x70(H)mm  
 Weight: 3.9kgs  
 (Without Battery)

General Specification	
Feature	180 degree Swivel Head
Application	Cable Lug Crimping
Output	6 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Crimping Range	
	DIN mm <sup>2</sup>	AWG/MCM
EP-80 & EPL-80	10-300	8-600
With Standard Dies 10-16/25-35/50/70/95/120/150/185/240/300 sqmm		

**EP-185** With 14.4V Ni-MH Battery  
**EPL-185** With 14.4V Li-Ion Battery



Dimension:  
 370(L)x280(W)x70(H)mm  
 Weight: 3.8kgs  
 (Without Battery)

General Specification	
Feature	360 degree swivel head
Application	Cable Lug Crimping
Output	6 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Crimping Range	
	DIN mm <sup>2</sup>	AWG/MCM
EP-185 & EPL-185	10-185	8-350
With Standard Dies 10-16/25-35/50-70/95-120/150-185 sqmm		

**EP-240** With 14.4V Ni-MH Battery  
**EPL-240** With 14.4V Li-Ion Battery



Dimension:  
 390(L)x280(W)x70(H)mm  
 Weight: 3.9kgs  
 (Without Battery)

General Specification	
Feature	360 degree swivel head
Application	Cable Lug Crimping
Output	6 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Crimping Range	
	DIN mm <sup>2</sup>	AWG/MCM
EP-240 & EPL-240	10-240	8-400
With Standard Dies 10-16/25-35/50-70/95-120/150-185/240 sqmm		

**EP-150D & EP-210** With 14.4V Ni-MH Battery  
**EPL-150D & EPL-210** With 14.4V Li-Ion Battery



Dimension:  
 440(L)x230(W)x80(H)mm (EP-150D)  
 440(L)x230(W)x80(H)mm (EP-210)  
 Weight: 6.3kgs (EP-150D)  
 Weight: 6.3kgs (EP-210)  
 (Without Battery)

General Specification	
Feature	360 degree swivel head
Application	Non-insulated Terminal Crimping
Output	12 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Crimping Range
EP-150D & EPL-150D	Max. 185mm <sup>2</sup>
With Male Dies(3pcs) 16-25/35-70/70-185 sqmm With Female Dies(1pc) 16/25-35/50-60/70-120/150-185 sqmm	
EP-210 & EPL-210	Max. 240mm <sup>2</sup>
With Male Dies(4pcs) 25-35/35-60/70-185/240 sqmm With Female Dies(1pc) 25-35/50-70/95-120/150-185/240 sqmm	

**EP-250** With 14.4V Ni-MH Battery  
**EPL-250** With 14.4V Li-Ion Battery



Dimension:  
 420(L)x240(W)x75(H)mm  
 Weight: 6.2kgs  
 (Without Battery)

General Specification	
Feature	360 degree swivel head
Application	Connector Crimping
Output	12 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Crimping Range
EP-250 & EPL-250	C-Jaw Opening 25mm
With Standard Dies 35 50 70 95 120 150 185 240 300 400 sqmm	

# 14.4V BATTERY CRIMPING TOOL

**EP-300** With 14.4V Ni-MH Battery  
**EPL-300** With 14.4V Li-Ion Battery



Dimension:  
 440(L)x230(W)x75(H)mm  
 Weight: 6.3kgs  
 (Without Battery)

General Specification	
Feature	360 degree swivel head
Application	Connector Crimping
Output	12 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Crimping Range
EP-300 & EPL-300	C-Jaw Opening 30mm
With Standard Dies 35 50 70 95 120 150 185 240 300 400 sqmm	

**EP-400 & EP-420** With 14.4V Ni-MH Battery  
**EPL-400 & EPL-420** With 14.4V Li-Ion Battery



Dimension:  
 470(L)x230(W)x80(H)mm (EP-400)  
 480(L)x240(W)x90(H)mm (EP-420)  
 Weight: 7.6kgs (EP-400)  
 Weight: 8.6kgs (EP-420)  
 (Without Battery)

General Specification	
Feature	360 degree swivel head
Application	Connector Crimping
Output	12 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Crimping Range
EP-400 & EPL-400	C-Jaw Opening 38mm
EP-420 & EPL-420	C-Jaw Opening 42mm
With Standard Dies 35 50 70 95 120 150 185 240 300 400 sqmm	

**EP-413** With 14.4V Ni-MH Battery  
**EPL-413** With 14.4V Li-Ion Battery



Dimension:  
 450(L)x230(W)x75(H)mm  
 Weight: 6.4kgs  
 (Without Battery)

General Specification	
Feature	360 degree swivel head
Application	CU & AL Connector Crimping
Output	12 Tons
Voltage	DC 14.4V
Capacity	3Ah



Model No.	Crimping Range
EP-413 & EPL-413	Max. 400mm <sup>2</sup>
AR-413: DF & DM & LF Type Dies	
AR-415: Deep Indent dies 35-50/70-95sqmm	
AR-416: Deep Indent dies 120-150/185-240sqmm	



**EC-54** With 14.4V Ni-MH Battery

**ECL-54** With 14.4V Li-Ion Battery



Dimension:  
110(L)x100(W)x320(H)mm  
Weight: 2.7kgs  
(Without Battery)

General Specification	
Application	CU & AL Cable Cutting
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Cutting Range		
	DIN mm <sup>2</sup>	AWG/MCM	O.D.
EC-54 & ECL-54	500	750	52mm

**EC-55A** With 14.4V Ni-MH Battery

**ECL-55A** With 14.4V Li-Ion Battery



Dimension:  
190(L)x110(W)x330(H)mm  
Weight: 3.2kgs  
(Without Battery)

General Specification	
Application	ACSR Cutting
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Cutting Range	
	DIN mm <sup>2</sup>	O.D.
EC-55A & ECL-55A	750	52mm

**EC-95** With 14.4V Ni-MH Battery

**ECL-95** With 14.4V Li-Ion Battery



Dimension:  
240(L)x110(W)x350(H)mm  
Weight: 3.1kgs  
(Without Battery)

General Specification	
Application	CCP Cable Cutting
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Cutting Range
	O.D.
EC-95 & ECL-95	85mm

# 14.4V BATTERY CABLE CUTTER

**EWR-34**  
**EWRL-34**

With 14.4V Ni-MH Battery  
With 14.4V Li-Ion Battery



Dimension:  
170(L)x110(W)x340(H)mm  
Weight: 3.2kgs  
(Without Battery)

General Specification	
Application	Steel Rod CU & AL Wire Cutting
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Cutting Material	Cutting Range	
		DIN mm <sup>2</sup>	O.D.
EWR-34	Steel Rod		34mm
EWRL-34	CU & AL Wire	250	

**EC-20**  
**ECL-20**

With 14.4V Ni-MH Battery  
With 14.4V Li-Ion Battery



Dimension:  
320(L)x280(W)x70(H)mm  
Weight: 3.7kgs  
(Without Battery)

General Specification	
Feature	360 degree swivel head
Output	6 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.
EC-20 & ECL-20
Cutting Range
<b>Wire Rope</b>
6×7: 16mm
6×12: 20mm
6×19: 20mm
<b>Soft Steel Bar</b> 20mm
<b>Soft Rebar</b> 13mm
<b>CU &amp; AL</b> 20mm

**EC-25**  
**ECL-25**

With 14.4V Ni-MH Battery  
With 14.4V Li-Ion Battery



Dimension:  
385(L)x350(W)x70(H)mm  
Weight: 4.7kgs  
(Without Battery)

General Specification	
Feature	360 degree swivel head
Output	8 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.
EC-25 & ECL-25
Cutting Range
<b>Wire Rope</b>
6×7: 18mm
6×12: 25mm
6×19: 25mm
<b>Soft Steel Bar</b> 20mm
<b>Soft Rebar</b> 15mm
<b>CU &amp; AL</b> 25mm

**EC-40** With 14.4V Ni-MH Battery  
**ECL-40** With 14.4V Li-Ion Battery



**EC-40A** *For ACSR Only*  
**ECL-40A**

Dimension:  
 450(L)x295(W)x70(H)mm  
 Weight: 5.4kgs  
 (Without Battery)

General Specification	
Feature	360 degree swivel head
Output	8 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	EC-40 & ECL-40
Cutting Range	<b>Wire Rope</b> 6×7: 22mm 6×12: 25mm 6×19: 25mm  <b>Soft Steel Bar</b> 20mm <b>Soft Rebar</b> 16mm <b>CU &amp; AL</b> 40mm  <b>Guy Wire</b> 1×7: 15mm 1×19: 20mm

**EC-32** With 14.4V Ni-MH Battery  
**ECL-32** With 14.4V Li-Ion Battery



Dimension:  
 410(L)x300(W)x70(H)mm  
 Weight: 4.8kgs  
 (Without Battery)

General Specification	
Feature	360 degree swivel head
Output	8 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	EC-32 & ECL-32
Cutting Range	<b>CU</b> 32mm <b>AL</b> 28mm

**EC-85 & EC-85S** With 14.4V Ni-MH Battery  
**ECL-85 & ECL-85S** With 14.4V Li-Ion Battery



Dimension:  
 580(L)x320(W)x70(H)mm  
 Weight: 8.1kgs  
 (Without Battery)

**EC-85**



**FLIP-TOP LATCH**  
*For easy insertion of cutting cable (EC-85S)*

**EC-85S**

General Specification	
Feature	360 degree swivel head
Output	6 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	EC-85 & ECL-85 EC-85S & ECL-85S
Cutting Range	<b>CU</b> 46mm <b>AL</b> 28mm  <b>Telephone Cable</b> 85mm  <b>Underground Cable</b> 50mm  <b>Lead Sheathed Cable</b> 85mm



# 14.4V BATTERY CABLE CUTTER

**EC-10** With 14.4V Ni-MH Battery  
**ECL-10** With 14.4V Li-Ion Battery



Dimension:  
 280(L)x75(W)x310(H)mm  
 Weight: 5.8kgs

General Specification		Model No.
Feature	360 degree swivel head	EC-10 & ECL-10
Output	6 Tons	Cutting Range
Voltage	DC 14.4V	<b>Screw</b> Ø10mm
Capacity	3Ah	

**EC-13** With 14.4V Ni-MH Battery  
**ECL-13** With 14.4V Li-Ion Battery



Dimension:  
 310(L)x280(W)x70(H)mm  
 Weight: 4kgs  
 (Without Battery)

General Specification		Model No.
Feature	360 degree swivel head	EC-13 & ECL-13
Output	6 Tons	Cutting Range
Voltage	DC 14.4V	<b>Round Bar</b> Ø13mm
Capacity	3Ah	

**EC-20SR** With 14.4V Ni-MH Battery  
**ECL-20SR** With 14.4V Li-Ion Battery



Dimension:  
 280(L)x75(W)x330(H)mm  
 Weight: 9.2kgs

General Specification		Model No.
Feature	360 degree swivel head	EC-20SR & ECL-20SR
Output	18 Tons	Cutting Range
Voltage	DC 14.4V	<b>Alloy Chain 1/2"</b>  <b>Soft Steel Bar</b> Ø19mm  <b>AL &amp; CU Rod 25mm</b>
Capacity	3Ah	

**EC-32WR** With 14.4V Ni-MH Battery  
**ECL-32WR** With 14.4V Li-Ion Battery



Dimension:  
 430(L)x310(W)x80(H)mm  
 Weight: 8.5kgs  
 (Without Battery)

Model No.
EC-32WR & ECL-32WR
Cutting Range
<b>Heavy Duty Steel Wire</b> Ø32mm

General Specification	
Feature	360 degree swivel head
Output	18 Tons
Voltage	DC 14.4V
Capacity	3Ah

**EC-52B** With 14.4V Ni-MH Battery  
**ECL-52B** With 14.4V Li-Ion Battery

**EC-52AB** *For ACSR Only*  
**ECL-52AB**



Dimension:  
 550(L)x300(W)x70(H)mm  
 Weight: 7.6kgs  
 (Without Battery)

Model No.
EC-52B & ECL-52B
Cutting Range
<b>CU &amp; AL Telephone Cable</b> Ø52mm

General Specification	
Feature	360 degree swivel head
Output	10 Tons
Voltage	DC 14.4V
Capacity	3Ah

**EC-16** With 14.4V Ni-MH Battery  
**ECL-16** With 14.4V Li-Ion Battery



Dimension:  
 450(L)x240(W)x70(H)mm  
 Weight: 6kgs

Model No.
EC-16 & ECL-16
Cutting Range
<b>Round Bar</b> Ø16mm

General Specification	
Feature	360 degree swivel head
Output	12 Tons
Voltage	DC 14.4V
Capacity	3Ah

# 14.4V BATTERY CABLE CUTTER

**EC-65Y & EC-85Y**  
**ECL-65Y & ECL-85Y**

With 14.4V Ni-MH Battery  
With 14.4V Li-Ion Battery

Model No.	Application & Cutting Range	
	Suitable Material	Range
EC-65Y & ECL-65Y EC-85Y & ECL-85Y	Telephone CU/AL Cable(CCP)	O.D. 65/85mm
	Lead Sheathed Cable	O.D. 65/85mm
	Armored Underground Cable	O.D. 65/85mm
Warning: Do NOT cut any Rebar or Steel Wire or Big Strand or ACSR or Wire Rope		



Dimension:  
550(L)x310(W)x210(H)mm  
Weight: 11.15kgs  
(Without Battery)



**BLADE(EC65Y) BLADE(EC85Y)**

General Specification	
Feature	360 degree Swivel Head
Output	12 Tons
Voltage	DC 14.4V
Capacity	3Ah

**EC-50Y** With 14.4V Ni-MH Battery  
**ECL-50Y** With 14.4V Li-Ion Battery

General Specification	
Application	CU/AL Cable
Voltage	DC 14.4V
Capacity	3Ah



Dimension:  
450(L)x120(W)x110(H)mm  
Weight: 4.5kgs (Without battery)

Model No.	Max. Opening	Suitable Material	Cutting Range	
			mm2	Max. O.D.
EC-50Y ECL-50Y	Dia. 50mm	CU & AL Cable	500	52mm

**EC-19BO** With 14.4V Ni-MH Battery  
**ECL-19BO** With 14.4V Li-Ion Battery  
**EC-19BOC** With 14.4V Ni-MH Battery & safety cover  
**ECL-19BOC** With 14.4V Li-Ion Battery & safety cover



Dimension:  
473(L)x500(W)x192(H)mm  
Weight: 7.6kgs (Without battery & safety cover)

General Specification	
Feature	360 degree swivel head
Output	12 Tons
Voltage	DC 14.4V
Capacity	3Ah

Model No.	Application & Cutting Range	
	Suitable Material	Range
EC-19BO ECL-19BO EC-19BOC ECL-19BOC	Steel Bolt Steel Bar	Max. 3/4" (Dia. 19mm)

## Electric Cable Cutter Head PC-40H

*These models need to be cooperated with Electric Drill*

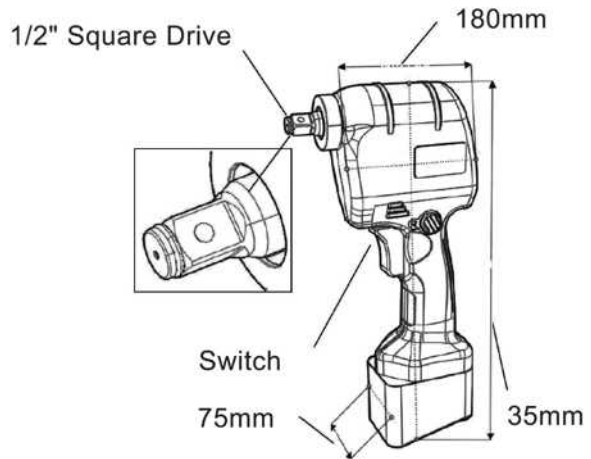


General Specification	
Weight	2.8kgs
Dimension	220(L)*220(W)*90(H)mm

Model No.	PC-40H
Cutting Range	<b>AL &amp; CU</b> Ø40mm(400mm <sup>2</sup> )

## Battery Shear Bolt Impact Wrench

### ESB-3G



General Specification	
Voltage	DC 14.4V
Capacity	3Ah
Torque	196N.m
Speed	0-2,200.-rpm
Feature	1/2" Square Drive
Dimension	350(L)*180(W)*75(H)mm
Weight	1.7kgs (Without Battery)

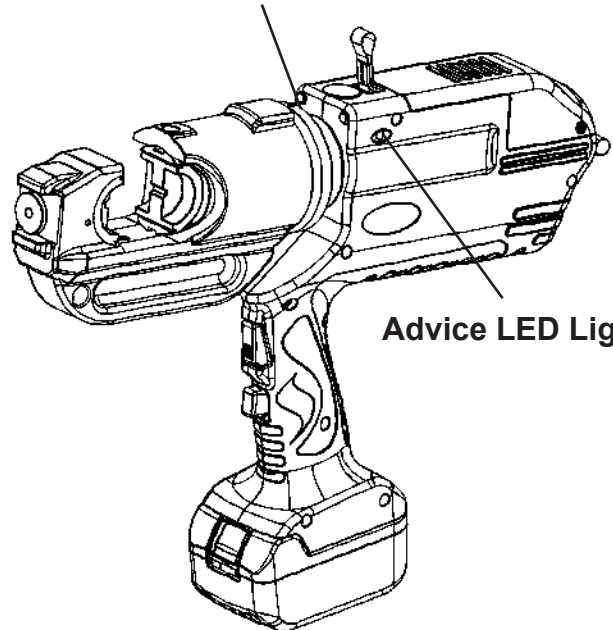
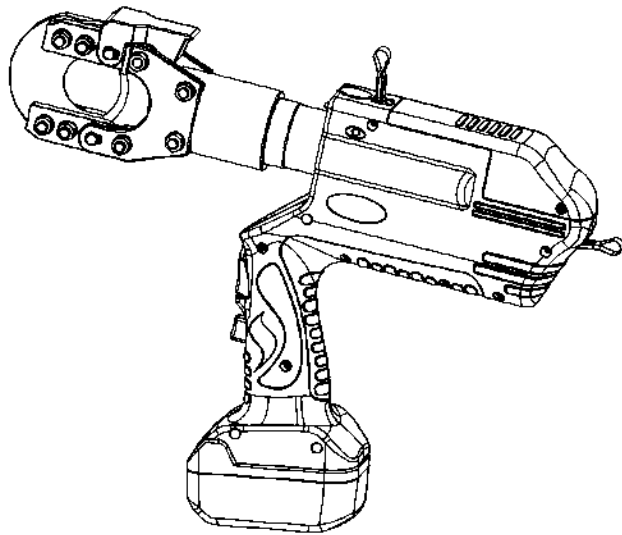




# 18V BATTERY TOOL

EPB & ECB 18V LI-ION BATTERY TOOL  
EPS & ECS 18V LI-ION **Sensor** BATTERY TOOL

LED Working Light



Advice LED Light

## FEATURES

The **new 18V Battery Tools with Sensor** have below features:



### 18V Li-Ion Battery

The choice of 3Ah/1.5Ah 18V Li-Ion Battery. More power source and let you work longer. 1.5Ah 18V Li-Ion Battery, lighter and thinner for easy carrying.

### LED Working Light

While pressing the switch, the LED working light will turned on automatically. You could see very clear under dark working area.

### Smart Advice System

The Advice LED Light will become different colors to let you know the crimping result as below.

*Well crimped and the motor stopped*  
>>> Advice LED Light shows **Green**

*Battery power is not enough*  
>>> Advice LED Light shows **Orange**



*Pressure & Temperature is over or not enough*  
>>> Advice LED Light shows **Red** and the Buzzer is buzzing

### Optional Special Accessory TA-21

The **Sensors** inside the EPS & ECS series type tools will record all detail information while operation.

You could use optional special accessory TA-21 to check the detail information the **Sensor** records as below.

- Crimping Times
- Battery Voltage
- Pressure & Temperature
- Tool Number
- Power Source



**EPB-2501** With 18V Li-Ion Battery  
**EPB-3001**  
**EPB-4001**  
**EPB-4201**

**EPS-2501** With 18V Li-Ion Battery & Sensor  
**EPS-3001**  
**EPS-4001**  
**EPS-4201**



Dimension:  
 435(L)x270(W)x80(H)mm  
 Weight: 7.8kgs  
 (Without Battery)



General Specification	
Feature	360 degree swivel head
Application	Connector Crimping
Output	12 Tons
Voltage	DC 18V
Capacity	3Ah or 1.5Ah

Model No.	Crimping Range
EPB-2501 & EPS-2501	C-Jaw Opening 25mm
EPB-3001 & EPS-3001	C-Jaw Opening 30mm
EPB-4001 & EPS-4001	C-Jaw Opening 38mm
EPB-4201 & EPS-4201	C-Jaw Opening 42mm
With Standard Dies 35 50 70 95 120 150 185 240 300 400 sqmm	

**EPB-3501** With 18V Li-Ion Battery  
**EPS-3501** With 18V Li-Ion Battery & Sensor



Dimension:  
 395(L)x270(W)x80(H)mm  
 Weight: 5.8kgs  
 (Without Battery)

General Specification	
Feature	360 degree swivel head
Application	Non-insulated Terminal Crimping
Output	12 Tons
Voltage	DC 18V
Capacity	3Ah or 1.5Ah

Model No.	Crimping Range
EPB-3501 & EPS-3501	35-400mm <sup>2</sup>
With Hexagon dies 35 50 70 95 120 150 185 240 300 400 sqmm	

**EPB-22** With 18V Li-Ion Battery  
**EPS-22** With 18V Li-Ion Battery & Sensor



Dimension:  
 360(L)x290(W)x75(H)mm  
 Weight: 4.7kgs  
 (Without Battery)

General Specification	
Feature	360 degree swivel head
Application	Cable Lug Crimping
Output	6 Tons
Voltage	DC 18V
Capacity	3Ah or 1.5Ah

Model No.	Crimping Range	
	DIN mm <sup>2</sup>	AWG/MCM
EPB-22 & EPS-22	10-300	8-600
R22 Type Hexagon dies Please check the Dies-List		

# 18V BATTERY CRIMPING TOOL

**EPB-185** With 18V Li-Ion Battery  
**EPS-185** With 18V Li-Ion Battery & Sensor



Dimension:  
 380(L)x270(W)x75(H)mm  
 Weight: 4.2kgs  
 (Without Battery)

General Specification	
Feature	360 degree swivel head
Application	Cable Lug Crimping
Output	6 Tons
Voltage	DC 18V
Capacity	3Ah or 1.5Ah

Model No.	Crimping Range	
	DIN mm <sup>2</sup>	AWG/MCM
EPB-185 & EPS-185	10-185	8-350
With Standard Dies 10-16/25-35/50-70 95-120/150-185 sqmm		

**EPB-240** With 18V Li-Ion Battery  
**EPS-240** With 18V Li-Ion Battery & Sensor



Dimension:  
 390(L)x300(W)x75(H)mm  
 Weight: 4.2kgs  
 (Without Battery)

General Specification	
Feature	360 degree swivel head
Application	Cable Lug Crimping
Output	6 Tons
Voltage	DC 18V
Capacity	3Ah or 1.5Ah

Model No.	Crimping Range	
	DIN mm <sup>2</sup>	AWG/MCM
EPB-240 & EPS-240	10-240	8-400
With Standard Dies 10-16/25-35/50-70 95-120/150-185/240 sqmm		

**EPB-210** With 18V Li-Ion Battery  
**EPS-210** With 18V Li-Ion Battery & Sensor



Dimension:  
 400(L)x300(W)x75(H)mm  
 Weight: 6.3kgs  
 (Without Battery)

**EPB-150D** With 18V Li-Ion Battery  
**EPS-150D** With 18V Li-Ion Battery & Sensor

General Specification	
Feature	360 degree swivel head
Application	Non-insulated Terminal Crimping
Output	12 Tons
Voltage	DC 18V
Capacity	3Ah or 1.5Ah

Model No.	Crimping Range
EPB-150D & EPS-150D	Max. 185mm <sup>2</sup>
With Male Dies(3pcs) 16-25/35-70/70-185 sqmm With Female Dies(1pc) 16/25-35/50-60/70-120/150-185 sqmm	
EPB-210 & EPS-210	Max. 240mm <sup>2</sup>
With Male Dies(4pcs) 25-35/35-60/70-185/240 sqmm With Female Dies(1pc) 25-35/50-70/95-120/150-185/240 sqmm	

**EPB-4131**  
**EPS-4131**

With 18V Li-Ion Battery  
With 18V Li-Ion Battery & Sensor



Dimension:  
410(L)x290(W)x75(H)mm  
Weight: 6.4kgs  
(Without Battery)

General Specification	
Feature	360 degree swivel head
Application	CU & AL Connector Crimping
Output	12 Tons
Voltage	DC 18V
Capacity	3Ah or 1.5Ah

Model No.	Crimping Range
EPB-413 & EPS-413	Max. 400mm <sup>2</sup>
AR-413: DF & DM & LF Type Dies	
AR-415: Deep Indent dies 35-50/70-95sqmm	
AR-416: Deep Indent dies 120-150/185-240sqmm	

**EDLB-525**  
**EDLS-525 (sensor version)**



Dimension:  
580(L)x80(W)x270(H)mm  
Weight: 7.5kgs (Without battery)

General Specification	
Feature	360 degree swivel head
Application	CU & AL Connector Crimping
Output	12 Tons
Voltage	DC 18V
Capacity	3Ah or 1.5Ah

Model No.	Crimping Range
EDLB-525 EDLS-525	35-500mm <sup>2</sup> (Dieless Type)

# 18V BATTERY CABLE CUTTER

**ECB-54** With 18V Li-Ion Battery



Dimension:  
320(L)x160(W)x110(H)mm  
Weight: 2.7kgs  
(Without Battery)

General Specification	
Application	CU & AL Cable Cutting
Voltage	DC 18V
Capacity	3Ah or 1.5Ah

Model No.	Cutting Range		
	mm <sup>2</sup>	AWG/MCM	O.D.
ECB-54	500	750	52mm

**ECB-55A** With 18V Li-Ion Battery



Dimension:  
320(L)x160(W)x110(H)mm  
Weight: 2.7kgs  
(Without Battery)

General Specification	
Application	ACSR Cutting
Voltage	DC 18V
Capacity	3Ah

Model No.	Cutting Range	
	mm <sup>2</sup>	O.D.
ECB-55A	750	52mm

**ECB-95** With 18V Li-Ion Battery



Dimension:  
320(L)x160(W)x110(H)mm  
Weight: 2.7kgs  
(Without Battery)

Model No.	Cutting Range
	O.D.
ECB-95	85mm

General Specification	
Application	CCP Cable Cutting
Voltage	DC 18V
Capacity	3Ah

**EWRB-34** With 18V Li-Ion Battery



Dimension:  
320(L)x160(W)x110(H)mm  
Weight: 2.7kgs  
(Without Battery)



Model No.	Cutting Material	Cutting Range	
		mm <sup>2</sup>	O.D.
EWRB-34	Steel Rod		34mm
	CU & AL Wire	250	

General Specification	
Application	Steel Rod CU & AL Wire Cutting
Voltage	DC 18V
Capacity	3Ah

**ECB-40** With 18V Li-Ion Battery

**ECS-40** With 18V Li-Ion Battery & Sensor

**ECB-40A** For ACSR Only

**ECS-40A**



Dimension:  
430(L)x300(W)x75(H)mm  
Weight: 5.7kgs  
(Without Battery)

General Specification	
Feature	360 degree swivel head
Output	8 Tons
Voltage	DC 18V
Capacity	3Ah or 1.5Ah

Model No.	
ECB-40 & ECS-40	
Cutting Range	
<b>Wire Rope</b>	
6×7: 22mm	
6×12: 25mm	
6×19: 25mm	
<b>Soft Steel Bar</b> 20mm	
<b>Soft Rebar</b> 16mm	
<b>CU &amp; AL</b> 40mm	



- ECB-85** With 18V Li-Ion Battery
- ECS-85** With 18V Li-Ion Battery & Sensor
- ECB-85S** With 18V Li-Ion Battery
- ECS-85S** With 18V Li-Ion Battery & Sensor



Dimension:  
580(L)x360(W)x75(H)mm  
Weight: 8.3kgs  
(Without Battery)

**FLIP-TOP LATCH**  
For easy insertion of cutting cable (ECB-85S)

General Specification	
Feature	360 degree swivel head
Output	6 Tons
Voltage	DC 18V
Capacity	3Ah or 1.5Ah

Model No.	Application & Cutting Range	
	Suitable Material	Range
ECB-85 ECS-85	Bare CU Wire Strand	O.D. 28mm
	Bare AL Wire Strand	O.D. 38mm
ECB-85S ECS-85S	Telephone CU/AL Cable(CCP)	O.D. 85mm
	Underground Cable	O.D. 50mm

Warning: Do NOT cut any Rebar or ACSR or Big Strand or Steel Wire or Armored Cable

- ECB-50Y**
- ECS-50Y (sensor version)**



Dimension:  
320(L)x160(W)x110(H)mm  
Weight: 2.8kgs (Without battery)

General Specification	
Application	CU/AL Cable
Voltage	DC 18V
Capacity	3Ah or 1.5Ah

Model No.	Max. Opening	Suitable Material	Cutting Range	
			mm <sup>2</sup>	Max. O.D.
ECB-50Y ECS-50Y	Dia. 50mm	CU & AL Cable	500	52mm

- ECB-19BO**
- ECB-19BOC** With safety cover
- ECS-19BO (sensor version)**
- ECS-19BOC (sensor version)** With safety cover



Dimension:  
580(L)x360(W)x80(H)mm  
Weight: 8.3kgs (Without battery & safety cover)

General Specification	
Feature	360 degree swivel head
Output	12 Tons
Voltage	DC 18V
Capacity	3Ah or 1.5Ah

Model No.	Application & Cutting Range	
	Suitable Material	Range
ECB-19BO ECB-19BOC ECS-19BO ECS-19BOC	Steel Bolt Steel Bar	Max. 3/4" (Dia. 19mm)

# ELECTRIC CRIMPING TOOL

BATTERY TOOL

## EM-6B1 & EM-6B2



## EM-8C1 & EM-8C2



General Specification		Model No.	Power Voltage	Dimension (mm)	Weight (kg)
Output	12.7 kN	EM-6B1	AC 110-125V	320(L)*320(H)*160(W)	12.3
Crimping Time	1.5 Second(60Hz) 1.8 Second(50Hz)	EM-6B2	AC 200-240V	320(L)*320(H)*160(W)	12.3
Consumption	180W	EM-8C1	AC 110-125V	340(L)*160(H)*170(W)	15.7
		EM-8C2	AC 200-240V	340(L)*160(H)*170(W)	15.7

## Interchangeable standard dies for EM-6B1 & EM-6B2 & EM-8C1 & EM-8C2

Model No.	Crimping Range		Application of Terminal
	AWG	DIN mm <sup>2</sup>	
DIES(LY03C)	20-10	0.5-6	Insulated
DIES(LY04C)	26-10	0.14-6	
DIES(LY10)	16-8	1.5-8	Non-insulated
DIES(LY03B)	20-10	0.5-6	Open Barrel
DIES(LY04WF)	20-12	0.5-4	Cord End Sleeves
DIES(LY06WF)	18-10	0.75-6	
DIES(LY16WF)	10-5	6-10	
DIES(LY25NWF)	8-4	10-25	
DIES(LY35NWF)	6-2	16-35	
DIES(LY50NWF)	4-3/0	25-50	
DIES(C-C7)	Cutting dies for CU & AL wire Max. O.D. 7mm		

DIES(LY16WF)



DIES(LY03C)



DIES(LY03B)



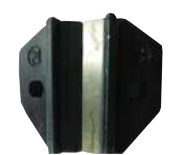
DIES(LY02H)



DIES(LY04WF)



DIES(C-C7)



**EP-6E** With AC Power Adapter



General Specification		
Feature	360 degree swivel head	
Application	Cable Lug Crimping	
Output	6 Tons	
Voltage	AC 110V/220V	
Model No.	Crimping Range	
	mm <sup>2</sup>	AWG/MCM
EP-6E	16-300	10-600
Dieless Type Opening between Nibs: 32mm		

**EP-58E** With AC Power Adapter



General Specification		
Feature	180 degree Swivel Head	
Application	Cable Lug Crimping	
Output	6 Tons	
Voltage	AC 110V/220V	
Model No.	Crimping Range	
	mm <sup>2</sup>	AWG/MCM
EP-58E	10-240	8-400
With Standard Dies 10-16/25-35/50-70 95-120/150-185/240 sqmm		

**EP-80E** With AC Power Adapter



General Specification		
Feature	180 degree Swivel Head	
Application	Cable Lug Crimping	
Output	6 Tons	
Voltage	AC 110V/220V	
Model No.	Crimping Range	
	mm <sup>2</sup>	AWG/MCM
EP-80E	10-300	8-600
With Standard Dies 10-16/25-35/50/70 95/120/150/185/240/300 sqmm		

# ELECTRIC CRIMPING TOOL

## EP-185E With AC Power Adapter



General Specification	
Feature	360 degree swivel head
Application	Cable Lug Crimping
Output	6 Tons
Voltage	AC 110V/220V

Model No.	Crimping Range	
	mm <sup>2</sup>	AWG/MCM
EP-185E & EP-185EC	10-185	8-350
With Standard Dies 10-16/25-35/50-70 95-120/150-185 sqmm		

## EP-240E With AC Power Adapter



General Specification	
Feature	360 degree swivel head
Application	Cable Lug Crimping
Output	6 Tons
Voltage	AC 110V/220V

Model No.	Crimping Range	
	mm <sup>2</sup>	AWG/MCM
EP-240E & EP-240EC	10-240	8-400
With Standard Dies 10-16/25-35/50-70 95-120/150-185/240 sqmm		

## EP-2501E & EP-3001E & EP-4001E & EP-4201E

With AC Power Adapter



General Specification	
Feature	360 degree swivel head
Application	Connector Crimping
Output	12 Tons
Voltage	AC 110V/220V

Model No.	Crimping Range
EP-2501E	C-Jaw Opening 25mm
EP-3001E	C-Jaw Opening 30mm
EP-4001E	C-Jaw Opening 38mm
EP-4201E	C-Jaw Opening 42mm
With Standard Dies 35 50 70 95 120 150 185 240 300 400 sqmm	

**EC-25E** With AC Power Adapter



General Specification	
Feature	360 degree swivel head
Output	8 Tons
Voltage	AC 110V/220V

Model No.	EC-25E
Cutting Range	<b>Wire Rope</b> 6×7: 18mm 6×12: 25mm 6×19: 25mm  <b>Soft Steel Bar</b> 20mm <b>Soft Rebar</b> 15mm <b>CU &amp; AL</b> 25mm

**EC-32E** With AC Power Adapter



General Specification	
Feature	360 degree swivel head
Output	8 Tons
Voltage	AC 110V/220V

Model No.	EC-32E
Cutting Range	<b>CU</b> 32mm <b>AL</b> 28mm

**EC-40E** With AC Power Adapter



General Specification	
Feature	360 degree swivel head
Output	8 Tons
Voltage	AC 110V/220V

Model No.	EC-40E
Cutting Range	<b>Wire Rope</b> 6×7: 22mm 6×12: 25mm 6×19: 25mm  <b>Soft Steel Bar</b> 20mm <b>Soft Rebar</b> 16mm <b>CU &amp; AL</b> 40mm



# ELECTRIC CABLE CUTTER

**EC-85E** With AC Power Adapter



General Specification	
Feature	360 degree swivel head
Output	6 Tons
Voltage	AC 110V/220V

Model No.	EC-85E
Cutting Range	CU 46mm AL 28mm
Telephone Cable	85mm
Underground Cable	50mm
Lead Sheathed Cable	85mm

BATTERY TOOL

### B-05 14.4V Li-Ion Battery (Gray)



Dimension:  
100(L)x70(W)x140(H)mm

Model No.	Charging Time	Output	Capacity	Weight (kg)
B-05	60 Min.	DC14.4V	3Ah	0.55

### B-04 18V Li-Ion Battery



Dimension:  
122(L)x75(W)x69(H)mm

Model No.	Charging Time	Output	Capacity	Weight (kg)
B-04	60 Min.	DC18V	3Ah	0.65

### B-02 14.4V Ni-MH Battery



Dimension:  
100(L)x70(W)x140(H)mm

Model No.	Charging Time	Output	Capacity	Weight (kg)
B-02	90 Min.	DC14.4V	3Ah	0.86

### B-06 18V Li-Ion Battery



Dimension:  
122(L)x75(W)x50(H)mm

Model No.	Charging Time	Output	Capacity	Weight (kg)
B-06	30 Min.	DC18V	1.5Ah	0.38

### A-01 & A-02 AC Power Adapter

Converts tools into dual-voltage  
AC 110V & AC 220V to DC 14.4V



Dimension:  
90(L)x70(W)x150(H)mm

Model No.	Input	Output	Weight (kg)	Wire Length (Meter)
A-01	AC110V	DC14.4V	0.74	5
A-02	AC220V	DC14.4V	0.74	5

### EL-02 LED Lighter



Dimension:  
100(L)x75(W)x300(H)mm

Model No.	Input	Brightness at 7.8" Distance	Lighting Hours	Weight (kg)
EL-02	DC14.4V	3000 Lux	150 minutes	0.4

### PF-2 Foot Pedal for Electric Pump



Dimension:  
220(L)x160(W)mm

Model No.	Suitable Pump Model	Wire Length (Meter)	Weight (kg)
PF-2	PM-P1 & PM-P2 PM-E02 & PM-E03 PM-1000 PM-3000 & PM-3001	3	0.96

### TA-21 Tester for EPS & ECS Battery Tool with Sensor



Dimension:  
146(L)x150(W)x40(H)mm

Model No.	Suitable Tool Model	Function	Weight (kg)
TA-21	EPS & ECS Battery Tool with Sensor	Show the record of Sensor Like crimped times & pressure and other details	0.38

# CHARGER & CONVERTOR

## CH-03 Car Charger 40 Minutes Charger



Dimension:  
180(L)x136(W)x88(H)mm

Model No.	Input	Output	Weight (kg)
CH-03	DC12-24V	DC14.4V	0.6

## CH-07 18V Li-Ion Battery Charger



Dimension:  
175(L)x90(W)x80(H)mm  
With Transformer

Model No.	Input	Output	Weight (kg)
CH-07	AC 100V-240V	DC18V	0.4

## CH-06 14.4V Ni-MH Battery Charger



Dimension:  
180(L)x136(W)x88(H)mm

Model No.	Input	Output	Weight (kg)
CH-06	AC 100V-240V	DC14.4V	0.8

## BD-12 Car Battery Converter



## BD-110 (AC110V) POWER CHANGE BD-220 (AC220V) POWER CHANGE

DC14.4V Power Converter



Model No.	Input	Output	Wire Length (Meter)	Weight (kg)
BD-12	DC12V	DC12V	3	1.6
BD-110	AC110V	DC14.4V	3	4.6
BD-220	AC220V	DC14.4V	3	4.6

## CH-09 14.4V Li-Ion Battery Charger



Dimension:  
180(L)x136(W)x88(H)mm

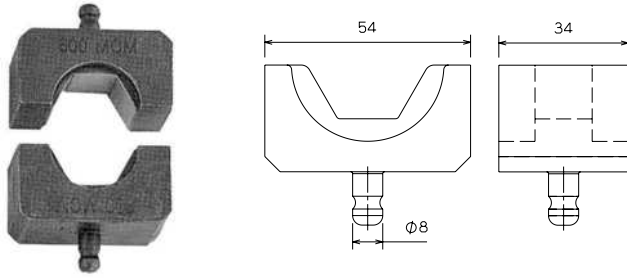
Model No.	Input	Output	Weight (kg)
CH-09	AC 100V-240V	DC14.4V	0.6

## RC-1 Remote Control

Optional accessory of electric battery hydraulic/engine pump



## 40 TYPE



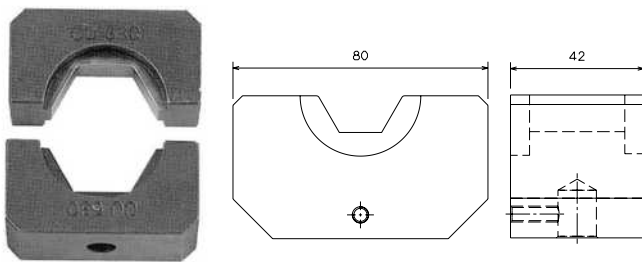
## MW TYPE



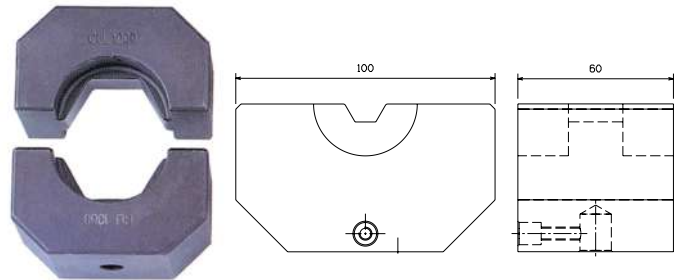
### Hexagonal Dies & MW Dies For CO-400

For Standard Copper Terminal		For DIN 46235 Copper Terminal		For DIN 48201 Aluminum Terminal		MW Type For Standard Copper	
Dies No.		Dies No.			Cord No.	Dies No.	
B4035	CU35	D4035	CU35	AL25	K12	MW4035	CU35
B4050	CU50	D4050	CU50	AL35	K14	MW4050	CU50
B4070	CU70	D4070	CU70	AL50	K16	MW4070	CU70
B4095	CU95	D4095	CU95	AL70	K18	MW4095	CU95
B40120	CU120	D40120	CU120	AL95	K20	MW40120	CU120
B40150	CU150	D40150	CU150	AL120	K22	MW40150	CU150
B40185	CU185	D40185	CU185	AL150	K25	MW40185	CU185
B40240	CU240	D40240	CU240	AL185	K28	MW40240	CU240
B40300	CU300	D40300	CU300	AL240	K32	MW40300	CU300
B40400	CU400	D40400	CU400	AL300	K38	MW40400	CU400
B40500	CU500						

## 60 TYPE



## 100 TYPE



### Hexagonal Dies For CO-630

For Standard Copper Terminal		For DIN 46235 Copper Terminal		For DIN 48201 Aluminum Terminal	
Dies No.		Dies No.			Cord No.
B6070	CU70	D6070	CU70	AL50	K16
B6095	CU95	D6095	CU95	AL70	K18
B60120	CU120	D60120	CU120	AL95	K20
B60150	CU150	D60150	CU150	AL120	K22
B60185	CU185	D60185	CU185	AL150	K25
B60240	CU240	D60240	CU240	AL185	K28
B60300	CU300	D60300	CU300	AL240	K32
B60400	CU400	D60400	CU400	AL300	K38
B60500	CU500	D60500	CU500	AL400	K42
B60630	CU630	D60630	CU600	AL500	K44
B60800	CU800	D60800	CU800	AL630	K52

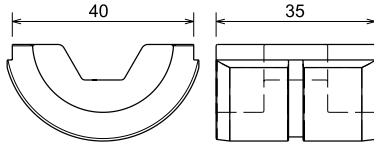
### Hexagonal Dies For CO-1000

For Standard Copper Terminal		For DIN 46235 Copper Terminal		For DIN 48201 Aluminum Terminal	
Dies No.		Dies No.			Cord No.
B100400	CU400	D100400	CU400	AL300	K38
B100500	CU500	D100500	CU500	AL400	K42
B100630	CU630	D100630	CU630	AL500	K44
B100800	CU800	D100800	CU800	AL630	K52
B1001000	CU1000	D1001000	CU1000	AL800	K58



# HEXAGONAL DIES

## R30 TYPE Hexagonal Dies



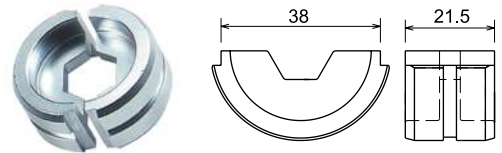
## Suitable Models

TP-400 & TP-400H / TP-300 & TP-300H  
 TP-240 & TP-240H / TP-600 & TP-600H  
 TP-800 & TP-800H / TP-900 & TP-900H  
 TP-413 & TP-413H / TP-630 & TP-630H  
 EP-250 & EP-300 & EP-400

For Standard Copper Terminal		For DIN 46235 Copper Terminal		For DIN 48201 Aluminum Terminal		MW Type For Standard Copper		For Australia Copper Terminal		For Australia Aluminum Terminal	
Dies No.		Dies No.			Cord No.	Dies No.		Dies No.		Dies No.	
B3006	CU6										
B3010	CU10	D3010	CU10	AL6	K6						
B3016	CU16	D3016	CU16	AL10	K8			NC3016	CU16	NA3016	AL16
B3025	CU25	D3025	CU25	AL16	K10			NC3025	CU25	NA3025	AL25
B3035	CU35	D3035	CU35	AL25	K12	MW3035	CU35	NC3035	CU35	NA3035	AL35
B3050	CU50	D3050	CU50	AL35	K14	MW3050	CU50	NC3050	CU50	NA3050	AL50
B3070	CU70	D3070	CU70	AL50	K16	MW3070	CU70	NC3070	CU70	NA3070	AL70
B3095	CU95	D3095	CU95	AL70	K18	MW3095	CU95	NC3095	CU95	NA3095	AL95
B30120	CU120	D30120	CU120	AL95	K20	MW30120	CU120	NC30120	CU120	NA30120	AL120
B30150	CU150	D30150	CU150	AL120	K22	MW30150	CU150	NC30150	CU150	NA30150	AL150
B30185	CU185	D30185	CU185	AL150	K25	MW30185	CU185	NC30185	CU185	NA30185	AL185
B30240	CU240	D30240	CU240	AL185	K28	MW30240	CU240	NC30240	CU240	NA30240	AL240
B30300	CU300	D30300	CU300	AL240	K32	MW30300	CU300	NC30300	CU300	NA30300	AL300
B30400	CU400	D30400	CU400	AL300	K38	MW30400	CU400	NC30400	CU400		

## R22 TYPE Hexagonal Dies

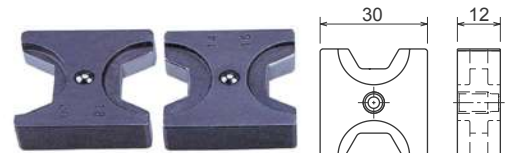
For CX-22 & TP-22 & EP-22 & TK-22



For Standard Copper Terminal		For DIN 46235 Copper Terminal		For DIN 48201 Aluminum Terminal		MW Type		For Australia Copper Terminal		For Australia Aluminum Terminal	
Dies No.		Dies No.			Cord No.	Dies No.		Dies No.		Dies No.	
						MW2206	CU6				
B2210	CU10	D2210	CU10	AL6	K6	MW2210	CU10				
B2216	CU16	D2216	CU16	AL10	K8	MW2216	CU16	NC2216	CU16	NA2216	AL16
B2225	CU25	D2225	CU25	AL16	K10	MW2225	CU25	NC2225	CU25	NA2225	AL25
B2235	CU35	D2235	CU35	AL25	K12	MW2235	CU35	NC2235	CU35	NA2235	AL35
B2250	CU50	D2250	CU50	AL35	K14	MW2250	CU50	NC2250	CU50	NA2250	AL50
B2270	CU70	D2270	CU70	AL50	K16	MW2270	CU70	NC2270	CU70	NA2270	AL70
B2295	CU95	D2295	CU95	AL70	K18	MW2295	CU95	NC2295	CU95	NA2295	AL95
B22120	CU120	D22120	CU120	AL95	K20	MW22120	CU120	NC22120	CU120	NA22120	AL120
B22150	CU150	D22150	CU150	AL120	K22	MW22150	CU150	NC22150	CU150	NA22150	AL150
B22185	CU185	D22185	CU185	AL150	K25	MW22185	CU185	NC22185	CU185	NA22185	AL185
B22240	CU240	D22240	CU240	AL185	K28	MW22240	CU240	NC22240	CU240	NA22240	AL240
B22300	CU300	D22300	CU300	AL240	K32	MW22300	CU300	NC22300	CU300	NA22300	AL300

## R18 TYPE Hexagonal Dies

For THX-185 & THX-185H & KH-185 & RHX-185 & EP-185



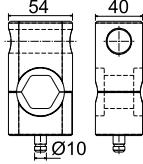
For Standard Copper Terminal		For DIN 46235 Copper Terminal		For DIN 48201 Aluminum Terminal		MW Type For Standard Copper		For Australia Copper Terminal		For Australia Aluminum Terminal	
Dies No.		Dies No.			Cord No.	Dies No.		Dies No.		Dies No.	
B1801	CU10/16	D1801	CU10/16	AL6/10	K6/8	MW1801	CU10/16				
B1802	CU25/35	D1802	CU25/35	AL16/25	K10/12	MW1802	CU25/35	NC1802	CU16/25	NA1802	AL16/25
B1803	CU50/70	D1803	CU50/70	AL35/50	K14/16	MW1803	CU50/70	NC1803	CU35/50	NA1803	AL35/50
B1804	CU95/120	D1804	CU95/120	AL70/95	K18/20	MW1804	CU95/120	NC1804	CU70/95	NA1804	AL70/95
B1805	CU150	D1805	CU150	AL120	K22	MW1805	CU150	NC1805	CU120/150	NA1805	AL120
B1806	CU185/6	D1806	CU185	AL150	K25	MW1806	CU185	NC1806	CU185		

## R63 TYPE

**Hexagonal Dies**  
For TP-600 & TP-630H



For Standard Copper Terminal	
Dies No.	
B63500	CU500
B63630	CU630



## R80 TYPE

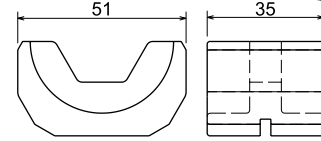
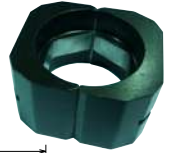
**Hexagonal Dies**  
For TP-800H



For Standard Copper Terminal	
Dies No.	
B80500	CU500
B80630	CU630

## R90 TYPE

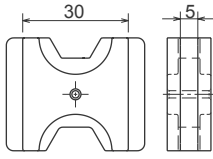
**Hexagonal Dies**  
For TP-900H



For Standard Copper Terminal		For DIN 46235 Copper Terminal	
Dies No.		Dies No.	
B90500	CU500	D90500	CU500
B90630	CU630	D90630	CU630

## R19 TYPE

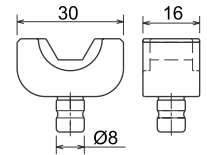
**Hexagonal Dies**  
For TP-80 & TP-80FR & EP-80  
THX-240 & THX-240H & EP-240 & TK-240



For Standard Copper Terminal		For DIN 46235 Copper Terminal		For DIN 48201 Aluminum Terminal	
Dies No.		Dies No.			Cord No.
B8001	CU10/16	D8001	CU10/16	AL6/10	K6/8
B8002	CU25/35	D8002	CU25/35	AL16/25	K10/12
B8003	CU50/70	D8003	CU50/70	AL35/50	K14/16
B8004	CU95/120	D8004	CU95/120	AL70/95	K18/20
B8005	CU150	D8005	CU150	AL120	K22
B8006	CU185	D8006	CU185	AL150	K25
B8007	CU240	D8007	CU240	AL185	K28
B8008	CU300				

## 58 TYPE

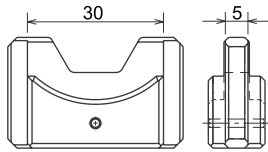
**Hexagonal Dies**  
For TP-58A & TP-58FR & EP-58



For Standard Copper Terminal		For DIN 46235 Copper Terminal		For DIN 48201 Aluminum Terminal	
Dies No.		Dies No.			Cord No.
B5810	CU10	D5810	CU10	AL6	K6
B5816	CU16	D5816	CU16	AL10	K8
B5825	CU25	D5825	CU25	AL16	K10
B5835	CU35	D5835	CU35	AL25	K12
B5850	CU50	D5850	CU50	AL35	K14
B5870	CU70	D5870	CU70	AL50	K16
B5895	CU95	D5895	CU95	AL70	K18
B58120	CU120	D58120	CU120	AL95	K20
B58150	CU150	D58150	CU150	AL120	K22
B58185	CU185	D58185	CU185	AL150	K25
B58240	CU240				

## 24 TYPE

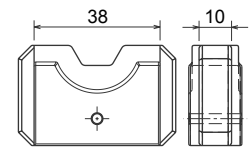
**Hexagonal Dies**  
For CX-1 & RHX-240



For Standard Copper Terminal		For DIN 46235 Copper Terminal		For DIN 48201 Aluminum Terminal	
Dies No.		Dies No.			Cord No.
B2401	CU10	D2401	CU10		
B2402	CU16	D2402	CU16		
B2403	CU25	D2403	CU25	AL16	K10
B2404	CU35	D2404	CU35	AL25	K12
B2405	CU50	D2405	CU50	AL35	K14
B2406	CU70	D2406	CU70	AL50	K16
B2407	CU95	D2407	CU95	AL70	K18
B2408	CU120	D2408	CU120	AL95	K20
B2409	CU150	D2409	CU150	AL120	K22
B2410	CU185	D2410	CU185	AL150	K25
B2411	CU240	D2411	CU240	AL185	K28
B2412	CU300				

## 35 TYPE

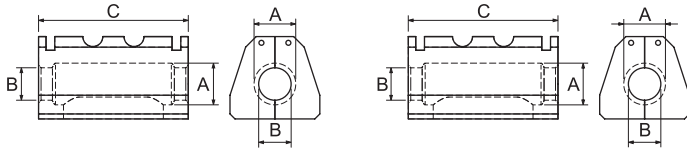
**Hexagonal Dies**  
For THX-325 & THX-325H & KH-325 & RHX-400



For Standard Copper Terminal		For DIN 46235 Copper Terminal		For DIN 48201 Aluminum Terminal	
Dies No.		Dies No.			Cord No.
B3510	CU10	D3510	CU10	AL6	K6
B3516	CU16	D3516	CU16	AL10	K8
B3525	CU25	D3525	CU25	AL16	K10
B3535	CU35	D3535	CU35	AL25	K12
B3550	CU50	D3550	CU50	AL35	K14
B3570	CU70	D3570	CU70	AL50	K16
B3595	CU95	D3595	CU95	AL70	K18
B35120	CU120	D35120	CU120	AL95	K20
B35150	CU150	D35150	CU150	AL120	K22
B35185	CU185	D35185	CU185	AL150	K25
B35240	CU240	D35240	CU240	AL185	K28
B35300	CU300	D35300	CU300	AL240	K32
B35400	CU400	D35400	CU400	AL300	K38

# DEEP INDENT DIES / PRE-ROUNDING DIES

## Deep Indent dies For TP-413 & TP-413H & EP-413



Dies No.	For Aluminum Terminal	Diameter (B)	DF Type
DF4151 (MA25)	AL25-35	Ø16	
DF4152 (MA95)	AL70-95	Ø20 (Ø22)	
DF4161 (MA150)	AL120-150	Ø25 (Ø27)	
DF4162 (MA240)	AL185-240	Ø32 (Ø34)	

Dies No.	For Aluminum Terminal	Diameter (B)	DM Type
DM4151	AL25-50	-	
DM4152	AL70-95	-	
DM4161	AL120-150	-	
DM4162	AL185-240	-	

Dies No.	For Aluminum Through Connector	Diameter (B)	LF Type
LF4151 (LA25)	AL25-35	Ø16	
LF4152 (LA95)	AL70-95	Ø20 (Ø21)	
LF4161 (LA150)	AL120-150	Ø25 (Ø27)	
LF4162 (LA240)	AL185-240	Ø33 (Ø32)	

DF Type



LF Type



## Pre-Rounding Dies For TP-413 & TP-413H & EP-413



RF Type

Dies No.	For Aluminum Terminal
RF4151(R25)	AL25
RF4152(R70)	AL70
RF4161(R120)	AL120
RF4162(R185)	AL185



RF4151

RF4152



RF4161

RF4162

## AR-415 Dies Adaptor

For TP-413 & TP-413H  
For Deep Indent dies  
DF4151 & DF4152 & LF4151 & LF4152



## AR-4 Dies Adaptor

For TP-413 & TP-413H & EP-413  
For Deep Indent dies  
DM4151 & DM4152 & DM4161 & DM4162



## AR-416 Dies Adaptor

For TP-413 & TP-413H  
For Deep Indent dies  
DF4161 & DF4162 & LF4161 & LF4162



## AR-413 Dies Adaptor

For TP-413 & TP-413H & EP-413  
For R30 Type Dies

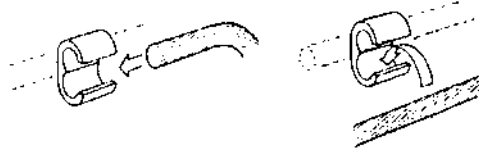


### Dies Set

For Branch Connector (C-Connector)

Transverse feed

Front feed



DIE NO	DIE NO	DIE NO	CABLE SIZE
T1801 (20/26)	T58 20	T30 20	6 >-----< 10 10 >-----< 6
	T58 26	T30 26	16 >-----< 10 10 >-----< 16
T1802 (44/60)	T58 44	T30 44	25 >-----< 16 16 >-----< 25
	T58 60	T30 60	35 >-----< 25 25 >-----< 35
T1803 (76/98)	T58 76	T30 76	50 >-----< 25 35 >-----< 35
	T58 98	T30 98	70 >-----< 35 50 >-----< 50
T1805 (122)	T58 122	T30 122	95 >-----< 35 70 >-----< 50
		T30 154	120 >-----< 35 95 >-----< 50
		T30 240	150 >-----< 70 120 >-----< 95
		T30 300	185 >-----< 95 150 >-----< 25
		T30 365	240 >-----< 120

### T18 Type

For THX-185 & THX-185H  
KH-185 & EP-185



### T30 Type

For TP-400 & TP-300 & TP-240  
TP-400H & TP-300H & TP-240H  
TP-800H & EP-400 & EP-300 & EP-250



### T58 Type

For TP-58A & TP-58FR & EP-58



### Dies Set

For H-Tap Connector  
(For Taiwan Electricity)

DIE NO	
U-BG	#6 - #8
U-O	#2 >-----< #6
	#2 >-----< #6
U-D	2/0 >-----< #2
	4/0 >-----< 4/0
U-D3	250 >-----< 2/0
	2/0 >-----< #4
U-N	4/0 >-----< 2/0
	477 >-----< 477

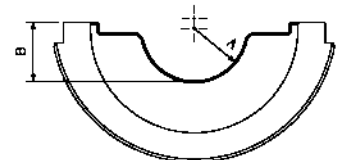
### Dies Set

For Copper Sleeves  
(For Taiwan Electricity)

Dies No.	CABLE SIZE
U 1CRT	#1 CU
U 25RT	1/0 CU
U 26RT	2/0 CU
U 27RT	#1 CU
U 29RT	250 MCM
U 34RT	500 MCM

### R12 TYPE U-Type

For Copper Sleeves  
12 Tons Tools Use  
TP-400 & TP-400H & EP-400  
TP-300 & TP-300H & EP-300



Dies No.	A(mm)	B(mm)	C(mm)	CABLE SIZE
R12-25RT	10.7	5.5	12.7	AWG 1/0
R12-26RT	11.7	5.9	12.7	AWG 2/0
R12-27RT	12.7	6.5	12.7	AWG 3/0
R12-28RT	13	6.4	12.7	AWG 4/0
R12-29RT	15.9	8.9	12.4	250MCM
R12-30RT	17.3	8.6	9.5	300MCM
R12-31RT	18.7	9.3	10.5	350MCM
R12-32RT	20.2	10.8	9.5	400MCM
R12-34RT	22	10.7	9.4	500MCM
R12-39RT	23.7	12.9	7.4	750MCM

### U30 Type

For TP-400 & TP-400H & EP-400  
TP-300 & TP-300H & EP-300  
TP-240 & TP-240H  
TP-413 & TP-413H  
TP-800H & EP-250



### Dies Set

For Insulated Terminal & Connector

Dies No.	Female ♀	Dies No.	Male ♂
IS 1801	10/16	IS 1810	10
IS 1802	25	IS 1816	16
IS 1803	35	IS 1825	25
IS 1804	50	IS 1835	35
		IS 1850	50

### INS Type

For THX-185 & THX-185H  
KH-185 & RHX-185 & EP-185



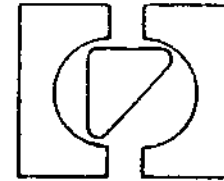
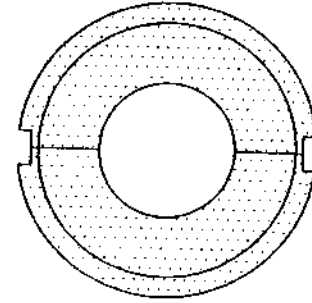


# PRE-ROUNDING DIES / INDENT DIES

## Pre-Rounding Dies

For Sector-shaped AL & CU Conductor

PR30 Type		PR35 Type		PR58 Type		PR18 Type	
Dies No.		Dies No.		Dies No.		Dies No.	
		PR3510	CU10	PR5810	CU10	PR1801	CU10/185
PR3016	CU16	PR3516	CU16	PR5816	CU16	PR1802	CU16/25
PR3025	CU25	PR3525	CU25	PR5825	CU25	PR1803	CU35/50
PR3035	CU35	PR3535	CU35	PR5835	CU35	PR1804	CU70/95
PR3050	CU50	PR3550	CU50	PR5850	CU50	PR1805	CU120/150
PR3070	CU70	PR3570	CU70	PR5870	CU70		
PR3095	CU95	PR3595	CU95	PR5895	CU95		
PR30120	CU120	PR35120	CU120	PR58120	CU120		
PR30150	CU150	PR35150	CU150	PR58150	CU150		
PR30185	CU185	PR35185	CU185	PR58185	CU185		
PR30240	CU240	PR35240	CU240	PR58240	CU240		
PR30300	CU300	PR35300	CU300				
PR30400	CU400	PR35400	CU400				



### PR30 Type

For TP-400 & EP-400  
 TP-300 & EP-300 & EP-250  
 TP-240 & TP-630 & TP-800  
 TP-413 & TP-413H

### PR58 Type

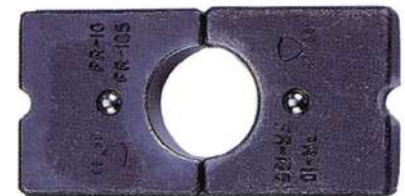
For TP-58A & TP-58FR

### PR18 Type

For THX-185 & THX-185H  
 KH-185 & EP-185

### PR35 Type

For THX-325 & THX-325H & KH-325



## Indent dies

IN30 Type				IN58 Type				IN18 Type			
Female Dies 凹		Male Dies 凸		Female Dies 凹		Male Dies 凸		Female Dies 凹		Male Dies 凸	
IF3010	CU10	IM3010	10-25	IF5801	16-35	IM5801	16	IF1801	10-35	IM1801	10-16
IF3016	CU16	IM3035	35-50	IF5802	50-70	IM5802	25	IF1802	50	IM1802	25-35
IF3025	CU25	IM3070	70-120	IF5803	95-120	IM5803	35-70	IF1803	70	IM1803	50-120
IF3035	CU35	IM30150	150-300	IF5804	150	IM5804	80-150	IF1804	95		
IF3050	CU50							IF1805	120		
IF3070	CU70										
IF3095	CU95										
IF30120	CU120										
IF30150	CU150										
IF30185	CU185										
IF30240	CU240										
IF30300	CU300										

### IN58 Type

For TP-58A & TP-58FR

### IN30 Type

For TP-400 & TP-300 & TP-240  
 TP-630 & TP-800  
 TP-413 & TP-413H  
 EP-250 & EP-300 & EP-400



### IN18 Type

For THX-185 & THX-185H  
 KH-185 & RHX-185 & EP-185



**CO-400U** With **indent dies**  
**CO-400H** With **hexagon dies**



General Specification	
Application	Non-insulated Terminal Crimping
Output	20 Tons
Weight	7.8 Kgs
Length	230mm

Model No.	Crimping Range		
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
CO-400U	8-325	16-400	#6-750
With Male & Female Dies 16-25 35-50 70-120 150-240 300-400			
CO-400H	70-325	70-400	2/0-750
With Dies 70 95 120 150 180 240 300 400			

## CO-500



General Specification	
Application	Non-insulated Terminal Crimping
Output	20 Tons
Weight	7.8 Kgs
Length	230mm

Model No.	Crimping Range		
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
CO-500	70-500	70-500	2/0-1000
With Dies 70 95 120 150 180 240 300 400 500			

HYDRAULIC TOOL

## CO-630 CO-800



General Specification	
Application	Distribution & Transmission Line Crimping
Output	30 Tons
Weight	16 Kgs
Length	360mm

Model No.	Crimping Range		
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
CO-630	70-630	70-630	2/0-1200
With Dies 300 400 500 630			
CO-800	70-800	70-800	2/0-1500
With Dies 300 400 500 630 800			

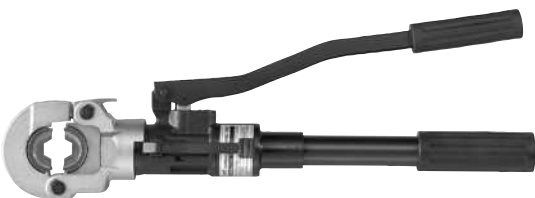
## OP-1000



General Specification	
Application	Distribution & Transmission Line Crimping
Output	60 Tons
Weight	30.7 Kgs
Length	450mm

Model No.	Crimping Range		
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
OP-1000	500-1000	500-1000	250-2000
With Dies 500 630 800 1000			

**TP-22** With **180 degree swivel head & flip top closed design**



General Specification	
Application	Connector Crimping
Output	6 Tons
Weight	3.7 Kgs
Length	490mm

Model No.	Crimping Range		
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
TP-22		10-300	8-600
With Dies 70 95 120 150 185 240 300			

# HYDRAULIC CRIMPING TOOL

**TP-240** With fiberglass Handles



General Specification	
Application	Copper & Aluminum Connector Crimping
Output	12 Tons
C Jaw Opening	25mm
Weight	6.3 Kgs (TP-240) 3.6 Kgs (TP-240H)
Length	582mm (TP-240) 210mm (TP-240H)

**TP-240H**



Model No.	Crimping Range		
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
TP-240 TP-240H	38-325	35-400	#2-750
With Dies 35 50 70 95 120 150 185 240 300 400			

**TP-300** With fiberglass Handles



General Specification	
Application	Copper & Aluminum Connector Crimping
Output	12 Tons
C Jaw Opening	30mm
Weight	6.3 Kgs (TP-300) 4.0 Kgs (TP-300H)
Length	610mm (TP-300) 220mm (TP-300H)

**TP-300H**



Model No.	Crimping Range		
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
TP-300 TP-300H	38-325	35-400	#2-750
With Dies 35 50 70 95 120 150 185 240 300 400			

**TP-400** With fiberglass Handles

**TP-420** With fiberglass Handles



General Specification	
Application	Copper & Aluminum Connector Crimping
Output	12 Tons
C Jaw Opening	38mm (TP-400 & TP-400H) 42mm (TP-420 & TP-420H)
Weight	7.7 Kgs (TP-400) 4.8 Kgs (TP-400H) 8.2 Kgs (TP-420) 5.3 Kgs (TP-420H)
Length	636mm (TP-400) 245mm (TP-400H) 640mm (TP-420) 250mm (TP-420H)

**TP-400H**  
**TP-420H**



Model No.	Crimping Range		
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
TP-400 TP-400H TP-420 TP-420H	38-325	35-400	#2-750
With Dies 35 50 70 95 120 150 185 240 300 400			

## TP-800H Below 400mm<sup>2</sup> dies need to use die-adaptor (AR-800)

General Specification	
Application	Distribution Line Crimping
Output	15 Tons
C Jaw Opening	50mm
Weight	7 Kgs
Length	300mm



Model No.	Crimping Range		
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
TP-800H	38-630	35-630	#2-1500
With Dies 35 50 70 95 120 150 185 240 300 400 500 630 & With Adaptor AR-800			

## TP-900H Below 400mm<sup>2</sup> dies need to use die-adaptor (AR-900)

General Specification	
Application	Distribution Line Crimping
Output	15 Tons
C Jaw Opening	50mm
Weight	7.3 Kgs
Length	370mm



Model No.	Crimping Range		
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
TP-900H	38-630	35-630	#2-1500
With Dies 35 50 70 95 120 150 185 240 300 400 500 630 & With Adaptor AR-900			

### AR-630



Die Adaptor suitable for TP-600 & TP-630H

### AR-800



Die Adaptor suitable for TP-800H

### AR-900



Die Adaptor suitable for TP-900H

## TP-600 Below 400mm<sup>2</sup> dies need to use die-adaptor (AR-630)

General Specification	
Application	Connector Crimping
Output	18 Tons
Weight	6.5 Kgs
Length	650mm



Model No.	Crimping Range		
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
TP-600	38-630	35-630	2/0-1200
With Dies 35 50 70 95 120 150 185 240 300 400 500 630			



## TP-630H Below 400mm<sup>2</sup> dies need to use die-adaptor (AR-630)

General Specification	
Application	Connector Crimping
Output	18 Tons
Weight	4.8 Kgs
Length	240mm



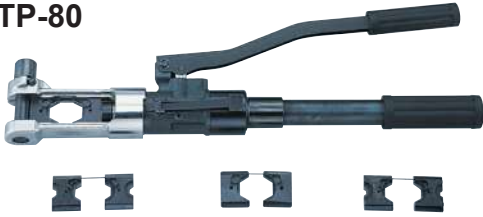
Model No.	Crimping Range		
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
TP-630H	38-630	35-630	2/0-1200
With Dies 35 50 70 95 120 150 185 240 300 400 500 630			





# HYDRAULIC CRIMPING TOOL

## TP-80



General Specification	
Application	Cable Lug Crimping
Output	8 Tons
Weight	3.4 Kgs (TP-80) 4.0 Kgs (TP-80FR)
Length	520mm (TP-80) 550mm (TP-80FR)



## TP-80FR With fiberglass Handles



Model No.	Crimping Range		
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
TP-80 TP-80FR	8-250	10-300	8-600
With Dies 10/16 25/35 50/70 95/120 150 185 240 300			

## TP-325



## TP-325H



General Specification	
Application	Non-insulated Terminal Crimping
Output	18 Tons
Weight	6.2 Kgs (TP-325) 3.6 Kgs (TP-325H)
Length	650mm (TP-325) 210mm (TP-325H)

Model No.	Crimping Range		
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
TP-325 TP-325H	14-325	16-400	6-750
Male Dies(4pcs) 16 25-35 50-120 150-400 Female Dies(8pcs) 16-25 35-70 95-120 150 185 240 300 400			

## TP-150D



General Specification	
Application	Non-insulated Terminal Crimping
Output	12 Tons
Weight	5.2 Kgs
Length	528mm

Model No.	Crimping Range		
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
TP-150D	14-150	16-185	6-300
Male Dies(3pcs) 16-25 35-70 70-185 Female Dies(1pc) 16 25-35 50-60 70-120 150-185			

## TP-210



## TP-210H



General Specification	
Application	Non-insulated Terminal Crimping
Output	12 Tons
Weight	5.2 Kgs (TP-210) 3.0 Kgs (TP-210H)
Length	528mm (TP-210) 210mm (TP-210H)



Model No.	Crimping Range		
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
TP-210 TP-210H	22-200	25-240	4-500
Male Dies(4pcs) 25-35 35-60 70-185 240 Female Dies(1pc) 25-35 50-70 95-120 150-185 240			



**THX-1851** Two-stage hydraulic type  
**THX-185** For **non-insulated terminal**  
**THX-185WF** For **wire ferrules & end sleeves**

**THX-185H**



General Specification		Model No.	Crimping Range		
Application	Non-insulated Terminal Crimping		JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
Output	6 Tons	THX-185 THX-185H	8-150	10-185	8-350
Weight	2.0 Kgs (THX-185/THX-185WF) 1.4 Kgs (THX-185H)	With Dies 10/16 25/35 50/70 95/120 150 185			
Length	370mm (THX-185/THX-185WF) 220mm (THX-185H)	THX-185WF	50-150		
		With Dies 50/70 95/120 150			

**THX-2401** Two-stage hydraulic type  
**THX-240**

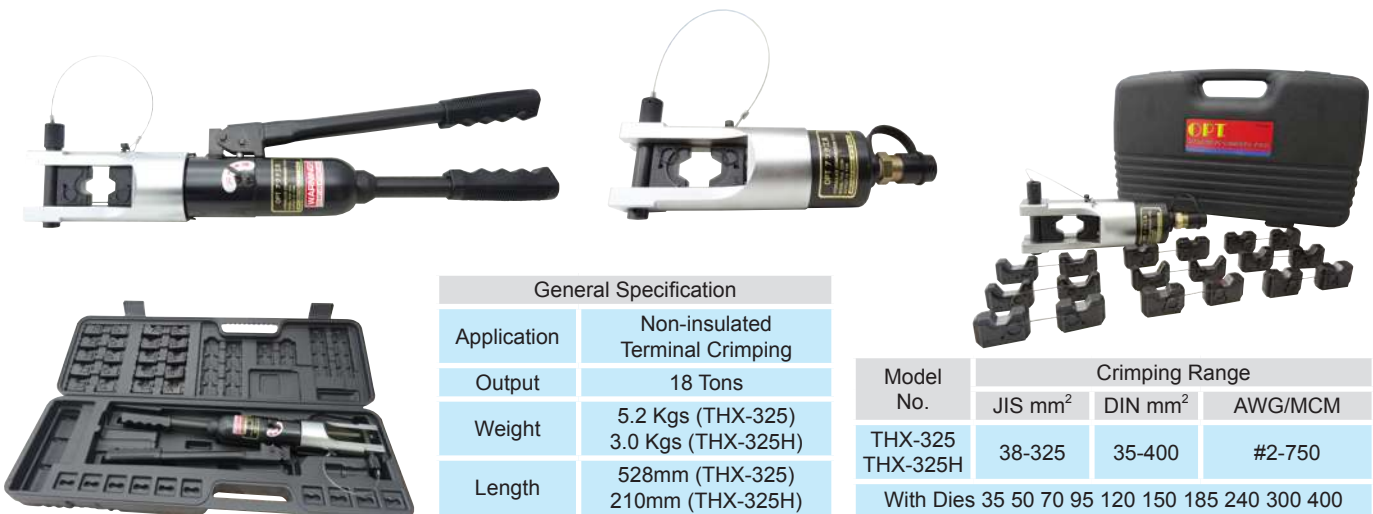
**THX-240H**



General Specification		Model No.	Crimping Range		
Application	Non-insulated Terminal Crimping		JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
Output	6 Tons	THX-240 THX-240H	8-240	10-240	8-500
Weight	2.2 Kgs (THX-240) 2.0 Kgs (THX-240H)	With Dies 10/16 25/35 50/70 95/120 150 185 240			
Length	400mm (THX-240) 230mm (THX-240H)				

**THX-325** With **hexagon dies**

**THX-325H** With **hexagon dies**



General Specification		Model No.	Crimping Range		
Application	Non-insulated Terminal Crimping		JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
Output	18 Tons	THX-325 THX-325H	38-325	35-400	#2-750
Weight	5.2 Kgs (THX-325) 3.0 Kgs (THX-325H)	With Dies 35 50 70 95 120 150 185 240 300 400			
Length	528mm (THX-325) 210mm (THX-325H)				

# HYDRAULIC CRIMPING TOOL

**TP-58A** With hexagon dies



General Specification	
Application	Cable Lug Crimping
Output	8 Tons
C Jaw Opening	20mm
Weight	5.2 Kgs(TP-58A) 5.8 Kgs(TP-58FR)
Length	528mm(TP-58A) 558mm(TP-58FR)

**TP-58FR** With hexagon dies & fiberglass Handles



Model No.	Crimping Range		
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG/MCM
TP-58A	8-200	10-240	8-400
TP-58FR			
With Dies 10 16 25 35 50 70 95 120 150 185 240			

**TP-413**



**TP-413H**



General Specification	
Application	Copper & Aluminum Connector Crimping
Output	12 Tons
Weight	6 Kgs (TP-413) 4 Kgs (TP-413H)
Length	610mm (TP-413) 245mm (TP-413H)

Model No.	Crimping Range	
	Hexagon Crimping	Indent Crimping
TP-413 & TP-413H	Max. 400mm <sup>2</sup>	35-240mm <sup>2</sup>
With AR-413 die adaptor & R30 type hexagon die Max. 400mm <sup>2</sup> With AR-415 die adaptor & deep indent die 35/50 70/95mm <sup>2</sup> With AR-416 die adaptor & deep indent die 120/150 185/240mm <sup>2</sup>		

## Dieless Hydraulic Crimping Tools

**TP-6** With aluminum head & fiberglass Handles



**TP-6N** With insulated head & fiberglass Handles



**TP-6H** With aluminum head



Model No.	Crimping Range	
	DIN mm <sup>2</sup>	AWG/MCM
TP-6	10-240	8-500
TP-6H		
TP-6N		

General Specification	
Output	6 Tons
NIBS Opening	32mm
Weight	5.0 Kgs (TP-6) 2.8 Kgs (TP-6H) 5.0 Kgs (TP-6N)
Length	600mm (TP-6) 270mm (TP-6H) 600mm (TP-6N)

## Dieless Hydraulic Crimping Tools

**TP-8** With 180 degree swivel head & fiberglass Handles

**TP-8H**



General Specification	
Output	6 Tons
NIBS Opening	32mm
Weight	5.2 Kgs (TP-8) 3.0 Kgs (TP-8H)
Length	580mm (TP-8) 280mm (TP-8H)

Model No.	Crimping Range	
	DIN mm <sup>2</sup>	AWG/MCM
TP-8	25-300	3-600
TP-8H	25-300	3-600

## Dieless Hydraulic Crimping Tools

**HDL-500** With 180 degree swivel head & fiberglass Handles



Max. Opening: Dia. 40mm  
Min. Opening: Dia. 10.5mm

General Specification		
Application	Copper & Aluminum Connector Crimping	
Output	12 Tons	
Weight	7.7 Kgs	
Length	636mm	

Model No.	Crimping Range	
	DIN mm <sup>2</sup>	AWG/MCM
HDL-500	70-500	2/0-1000

**OP-60S**

**OP-60ST** With Aluminum Base

**OP-60D**

**OP-60DT** With Aluminum Base



Model No.	Acting	Output	Ram Stroke	Oil Volume	Crimping Range		Dimension (mm)	Weight (kg)
					Application	Details		
OP-60S OP-60ST	Single	60 Tons	37.6mm	308c.c.	Connector	O.D. 60mm	Dia. 146*450(H) (Without Base)	27.5 30.5
OP-60D OP-60DT	Double	60 Tons	37.6mm	308c.c.	Connector	O.D. 60mm	Dia. 146*450(H) (Without Base)	28 31

\*Please check the dies-list for OP-60S & OP-60ST & OP-60D & OP-60DT

# HYDRAULIC CRIMPING TOOL

**OP-100W**



**OP-200W**

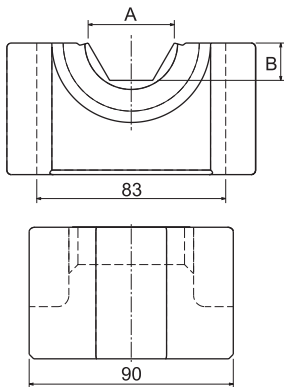


Model No.	Acting	Output (Tons)	Ram Stroke	Oil Volume	Crimping Range		Dimension (mm)	Weight (kg)
					Application	Details		
OP-100W	Double	100	22mm	314c.c.	Connector	O.D. 75mm	Dia. 200*350(H)	32
OP-200W	Double	200	40mm	1134c.c.	Connector	O.D. 90mm	Dia. 270*415(H)	84

\*Please check the dies-list for OP-100W & OP-200W

HYDRAULIC TOOL

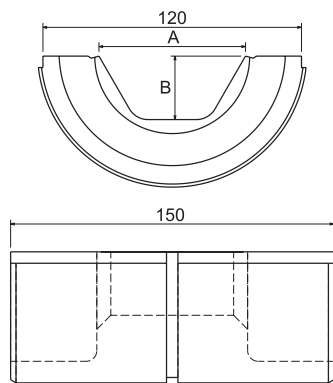
## Hexagon dies DIES(OP100W)



For Steel Sleeves  
C: Die-Width

DIE NO.	A	B	C(100/200)
S8.5	8.5	3.7	50-
S10	10	4.3	45-
S12	12	5.2	40-
S16	16	6.9	40-
S18	18	7.8	35-
S20	20	8.7	35-
S22	22	9.5	35/70
S23	23	10	30-
S24	24	10.4	30/60
S26	26	11.3	30/60
S28	28	12.1	28/60
S30	30	12.99	25-
S32	32	13.9	25-
S44	44	19.1	-35
S50	50	21.7	-30

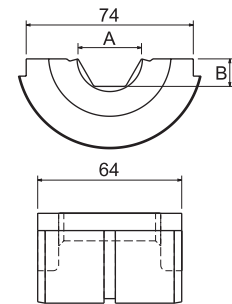
## DIES(OP200W)



For Aluminum Sleeves  
C: Die-Width

DIE NO.	A	B	C(100/200)
A22	22	9.5	75/128
A26	26	11.3	75/128
A30	30	12.5	75/128
A34	34	14.2	75/128
A38	38	16	75/128
A42	42	18.2	75/128
A44	44	18.6	75/128
A48	48	20.8	75/128
A52	52	22.5	75/128
A60	60	26	75/128
A65	65	28.2	75/128
A68	68	29.4	75/128
A71	71	30.7	75/128
A76	76	32.9	-128
A90	90	39	-128
A100	100	43.3	-128

## DIES(OP60S) & DIES(OP60ST) Alcoa Type DIES(OP60D) & DIES(OP60DT) Alcoa Type



For Copper Lugs

DIE NO.	A	B	C(100/200)
C14	14	6.1	60-
C17	17	7.4	60-
C19	19	8.2	60-
C23	23	10	60-
C26	26	11.3	60-
C29	29	12.6	60-
C32	32	13.9	60-
C36	36	15.6	55-
C38	38	16.5	55-
C42	42	18.2	55-
C47	47	20.4	50-
C50	50	21.7	50-
C51	51	22	50-
C54	54	23.4	50-
C56	56	24.3	40-
C57	57	24.7	40-
C63	63	27.3	-70
C64	64	27.7	35-
C68	68	29.4	-70
C73	73	31.6	-65
C78	78	33.8	-64
C85	85	36.8	-60
C86	86	37.23	-60

For Steel Lugs

DIE NO.	A	B	C
10SH	15.9	6.9	32
12SH	19.3	8.4	23.9
14SH	22.2	9.5	25.4
16SH	25.4	10.9	16.8
18SH	28.6	12.3	15.2
20SH	31.4	13.4	19
75SH	10.7	4.6	35.1
76SH	12.7	5.05	28.4

For Aluminum Cable

DIE NO.	A	B	C
20AH	31.8	13.5	59.7
24AH	38.1	16.3	49.5
27AH	42.8	18.2	43.2
30AH	47.6	20.2	57
34AH	54	23	46.2
36AH	57.2	24.2	44.5
74AH	20.8	8.7	62
75AH	25.4	10.6	62
76AH	30.2	12.6	61.2



**TK-22**



**TK-240**



Model No.	Output (Tons)	Max. Pressure	Crimping Range		Dimension (mm)	Weight (kg)
			Application	Details		
TK-22	6	700kgf	Connector	Max. 300mm <sup>2</sup>	283(L)*95(W)*160(H)	7.8
TK-240	6	700kgf	Connector	Max. 240mm <sup>2</sup>	275(L)*95(W)*160(H)	7.1

**UB-240HR**



**UB-300HR**



Model No.	Description	Output (Tons)	Jaw Opening	Accessory	Suitable Pump
UB-240HR	Remote control crimping tool With insulated Handle & switch	12	25mm	Insulated hose & cable(3m)	PM-P2
UB-300HR		12	30mm	Insulated hose & cable(3m)	PM-1000

**DC-15 Dies Case Only**  
For hexagon dies storage



Model No.	Capacity	Dimension (mm)
DC-15	15 positions for dies	28(L)*20(W)*5(H)

\*Dies need to be extra purchased



# HYDRAULIC CABLE CUTTER

## S-20



General Specification	
Application	Copper and Aluminum Cable & Wire Rope Cutting
Output	6 Tons
Weight	2.8 Kgs
Length	390mm

Model No.	Application & Cutting Range	
	Suitable Material	Range
S-20	Wire Rope (Hemp Core) 6x7	O.D. 16mm
	Wire Rope (Hemp Core) 6x12	O.D. 20mm
	Wire Rope (Hemp Core) 6x19	O.D. 20mm
	Soft CU/AL Round Bar	O.D. 20mm
	Soft Steel Round Bar	O.D. 16mm
	Bare CU/AL Wire Strand	O.D. 20mm
	Telephone CU/AL Cable(CCP)	O.D. 20mm
	Lead Sheathed Cable	O.D. 20mm
	Armored Underground Cable	O.D. 20mm

Warning: Do NOT cut any Rebar or ACSR or Big Strand

## S-40



## S-40FR With fiberglass Handles



## S-40H



### Double-stage hydraulic cutter design

General Specification	
Application	Copper and Aluminum Cable & Wire Rope Cutting
Output	8 Tons
Weight	6 Kgs (S-40) 6 Kgs (S-40FR) 2.8 Kgs (S-40H)
Length	560mm (S-40) 560mm (S-40FR) 247mm (S-40H)

Model No.	Application & Cutting Range	
	Suitable Material	Range
S-40 S-40FR S-40H	Wire Rope (Hemp Core) 6x7	O.D. 20mm
	Wire Rope (Hemp Core) 6x12	O.D. 25mm
	Wire Rope (Hemp Core) 6x19	O.D. 25mm
	Soft CU Round Bar	O.D. 25mm
	Soft AL Round Bar	O.D. 22mm
	Soft Steel Round Bar	O.D. 16mm
	Bare CU/AL Wire Strand	O.D. 32mm
	Telephone CU/AL Cable(CCP)	O.D. 40mm
	Lead Sheathed Cable	O.D. 40mm
		Armored Underground Cable

Warning: Do NOT cut any Rebar or ACSR or Big Strand

## S-40A



## S-40AFR With fiberglass Handles



## S-40AH



### Double-stage hydraulic cutter design

General Specification	
Application	ACSR Cutting
Output	8 Tons
Weight	6 Kgs (S-40A) 6 Kgs (S-40AFR) 2.8 Kgs (S-40AH)
Length	560mm (S-40A) 560mm (S-40AFR) 247mm (S-40AH)

Model No.	Application & Cutting Range	
	Suitable Material	Range
S-40A S-40AFR S-40AH	Soft CU Round Bar	O.D. 25mm
	Soft AL Round Bar	O.D. 22mm
	Soft Steel Round Bar	O.D. 16mm
	Bare CU/AL Wire Strand	O.D. 32mm
	ACSR	O.D. 28mm

Warning: Do NOT cut any Wire Rope or Cable

## S-45FR With fiberglass Handles



### Double-stage hydraulic cutter design

General Specification	
Application	Copper and Aluminum Cable & Wire Rope Cutting
Output	8 Tons
Weight	6 Kgs (S-45FR) 2.9 Kgs (S-45H)
Length	560mm (S-45FR) 248mm (S-45H)

## S-45H



Model No.	Application & Cutting Range	
	Suitable Material	Range
S-45FR S-45H	Wire Rope (Hemp Core) 6x7	O.D. 20mm
	Wire Rope (Hemp Core) 6x12	O.D. 25mm
	Wire Rope (Hemp Core) 6x19	O.D. 25mm
	Soft CU Round Bar	O.D. 25mm
	Soft AL Round Bar	O.D. 22mm
	Soft Steel Round Bar	O.D. 16mm
	Bare CU/AL Wire Strand	O.D. 32mm
	Telephone CU/AL Cable(CCP)	O.D. 45mm
	Lead Sheathed Cable	O.D. 45mm
Armored Underground Cable	O.D. 45mm	

Warning: Do NOT cut any Rebar or ACSR or Big Strand

## S-32



General Specification	
Application	Copper and Aluminum Cable & Wire Strand Cutting
Output	6.5 Tons
Weight	3.8 Kgs (S-32) 2.9 Kgs (S-32H)
Length	460mm (S-32) 295mm (S-32H)

## S-32H



Model No.	Application & Cutting Range	
	Suitable Material	Range
S-32 S-32H	Bare CU/AL Wire Strand	O.D. 28mm
	Telephone CU/AL Cable(CCP)	O.D. 30mm
	Lead Sheathed Cable	O.D. 30mm
	Underground Cable	O.D. 30mm

Warning: Do NOT cut any Rebar or ACSR or Big Strand or Wire Rope or Round Bar or Armored Cable

## S-505



General Specification	
Application	Copper and Aluminum Cable & Wire Strand Cutting
Output	5 Tons
Weight	6 Kgs (S-505) 5.2 Kgs (S-505H)
Length	520mm (S-505) 310mm (S-505H)

## S-505H



Model No.	Application & Cutting Range	
	Suitable Material	Range
S-505 S-505H	Bare CU Wire Strand	O.D. 28mm
	Bare AL Wire Strand	O.D. 46mm
	Telephone CU/AL Cable(CCP)	O.D. 50mm
	Lead Sheathed Cable	O.D. 50mm

Warning: Do NOT cut any Rebar or ACSR or Big Strand or Wire Rope or Round Bar or Armored Cable

# HYDRAULIC CABLE CUTTER

**S-52FR** With fiberglass Handles



General Specification	
Application	Copper and Aluminum Cable & Wire Rope Cutting
Output	10 Tons
Weight	8.8 Kgs (S-52FR) 8.8 Kgs (S-52AFR)
Length	670mm (S-52FR) 670mm (S-52AFR)

**S-52AFR** With fiberglass Handles



Model No.	Application & Cutting Range	
	Suitable Material	Range
S-52FR	Wire Rope (Hemp Core) 6x7	O.D. 20mm
	Wire Rope (Hemp Core) 6x12	O.D. 25mm
	Wire Rope (Hemp Core) 6x19	O.D. 25mm
	Soft CU Round Bar	O.D. 25mm
	Soft AL Round Bar	O.D. 22mm
	Soft Steel Round Bar	O.D. 16mm
	Bare CU/AL Wire Strand	O.D. 32mm
	Telephone CU/AL Cable(CCP)	O.D. 52mm
	Lead Sheathed Cable	O.D. 52mm
	Armored Underground Cable	O.D. 52mm
S-52AFR	Soft CU Round Bar	O.D. 25mm
	Soft AL Round Bar	O.D. 22mm
	Soft Steel Round Bar	O.D. 16mm
	Bare CU/AL Wire Strand	O.D. 32mm
	ACSR	O.D. 42mm

HYDRAULIC TOOL

**SR-20**



General Specification	
Application	Round Bar Cutting
Output	18 Tons
Weight	10.5 Kgs (SR-20) 9 Kgs (SR-20H)
Length	685mm (SR-20) 300mm (SR-20H)

**SR-20H**



Model No.	Application & Cutting Range	
	Suitable Material	Range
SR-20	Soft CU/AL Round Bar	O.D. 19mm
SR-20H	Soft Steel Round Bar	O.D. 19mm

Warning: Do NOT cut any Rebar or ACSR or Big Strand or Wire Rope or Cable

**WR-16**

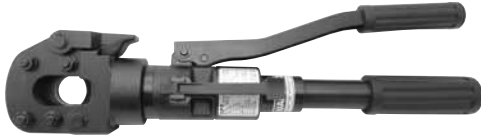


General Specification	
Application	Round Bar Cutting
Output	8 Tons
Weight	4.7 Kgs
Length	560mm

Model No.	Application & Cutting Range	
	Suitable Material	Range
WR-16	Soft CU/AL Round Bar	O.D. 16mm
	Soft Steel Round Bar	O.D. 16mm

Warning: Do NOT cut any Rebar or ACSR or Big Strand or Wire Rope or Cable

## WR-25



General Specification	
Application	Copper and Aluminum Cable & Wire Rope Cutting
Output	8 Tons
Weight	4 Kgs
Length	426mm

Model No.	Application & Cutting Range	
	Suitable Material	Range
WR-25	Wire Rope (Hemp Core) 6x7	O.D. 18mm
	Wire Rope (Hemp Core) 6x12	O.D. 25mm
	Wire Rope (Hemp Core) 6x19	O.D. 25mm
	Soft CU/AL Round Bar	O.D. 25mm
	Soft Steel Round Bar	O.D. 20mm
	Bare CU/AL Wire Strand	O.D. 25mm
	Telephone CU/AL Cable(CCP)	O.D. 25mm
	Lead Sheathed Cable	O.D. 25mm
	Armored Underground Cable	O.D. 25mm
Warning: Do NOT cut any Rebar or ACSR or Big Strand		

## WR-32



General Specification	
Application	Steel Wire Cutting
Output	18 Tons
Weight	11 Kgs (WR-32) 9.3 Kgs (WR-32H)
Length	720mm (WR-32) 300mm (WR-32H)

## WR-32H



Model No.	Application & Cutting Range	
	Suitable Material	Range
WR-32 WR-32H	Wire Rope (Hemp Core) 6x7	O.D. 32mm
	Wire Rope (Hemp Core) 6x12	O.D. 32mm
	Wire Rope (Hemp Core) 6x19	O.D. 32mm
	Soft CU/AL Round Bar	O.D. 32mm
	Soft Steel Round Bar	O.D. 25mm
	Bare CU/AL Wire Strand	O.D. 25mm
	Armored Underground Cable	O.D. 32mm
Warning: Do NOT cut any CCP Cable or Lead Sheathed Cable or ACSR		

# HYDRAULIC CABLE CUTTER

**CPC-85A**



**HT-85** **FREE PIN**



**CPC-85FR** With FRP insulated Handles



**FLIP-TOP LATCH**  
For easy insertion of cutting cable

**CPC-85AS**



**HT-85S**



**CPC-85FRS** With FRP insulated Handles



**HT-85SC** With Safety Guard/Cover



General Specification

Application	Copper and Aluminum Cable & Strand Cutting
Output	5 Tons
Weight	7 Kgs (CPC-85A) 7 Kgs (CPC-85FR) 8 Kgs (CPC-85AS) 8 Kgs (CPC-85FRS) 6 Kgs (HT-85) 7 Kgs (HT-85S) 7 Kgs (HT-85SC)
Length	695mm (CPC-85A) 695mm (CPC-85FR) 695mm (CPC-85AS) 695mm (CPC-85FRS) 456mm (HT-85) 456mm (HT-85S) 470mm (HT-85SC)

Model No.	Application & Cutting Range	
	Suitable Material	Range
CPC-85A	Bare CU Wire Strand	O.D. 28mm
CPC-85FR	Bare AL Wire Strand	O.D. 38mm
CPC-85AS	Telephone CU/AL Cable(CCP)	O.D. 85mm
CPC-85FRS		
HT-85	Underground Cable	O.D. 50mm
HT-85S		
HT-85SC		

Warning: Do NOT cut any Rebar or ACSR or Big Strand or Steel Wire or Armored Cable



## HT-52



General Specification	
Application	Copper and Aluminum Cable Cutting
Output	12 Tons
Weight	6 Kgs
Length	320mm

Model No.	Application & Cutting Range	
	Suitable Material	Range
HT-52	Bare CU/AL Wire Strand	O.D. 52mm
	Telephone CU/AL Cable(CCP)	O.D. 52mm
	Lead Sheathed Cable	O.D. 52mm
	Underground Cable	O.D. 52mm
Warning: Do NOT cut any Rebar or ACSR or Big Strand or Wire Rope or Round Bar or Armored Cable		

## HT-95



General Specification	
Application	Copper and Aluminum Cable Cutting
Output	12 Tons
Weight	9.8 Kgs
Length	350mm

Model No.	Application & Cutting Range	
	Suitable Material	Range
HT-95	Bare CU/AL Wire Strand	O.D. 95mm
	Telephone CU/AL Cable(CCP)	O.D. 95mm
	Lead Sheathed Cable	O.D. 95mm
	Underground Cable	O.D. 95mm
Warning: Do NOT cut any Rebar or ACSR or Big Strand or Wire Rope or Round Bar or Armored Cable		

## HT-100



General Specification	
Application	Copper and Aluminum Cable Cutting
Output	8 Tons
Weight	13.5 Kgs
Length	570mm

Model No.	Application & Cutting Range	
	Suitable Material	Range
HT-100	Bare CU Wire Strand	O.D. 42mm
	Bare AL Wire Strand	O.D. 46mm
	Telephone CU/AL Cable(CCP)	O.D. 100mm
	Lead Sheathed Cable	O.D. 100mm
	Underground Cable	O.D. 100mm
Warning: Do NOT cut any Rebar or ACSR or Big Strand or Wire Rope or Round Bar or Armored Cable		

## HT-120



General Specification	
Application	Copper and Aluminum Cable Cutting
Output	8 Tons
Weight	14.5 Kgs
Length	600mm

Model No.	Application & Cutting Range	
	Suitable Material	Range
HT-120	Bare CU Wire Strand	O.D. 42mm
	Bare AL Wire Strand	O.D. 46mm
	Telephone CU/AL Cable(CCP)	O.D. 120mm
	Lead Sheathed Cable	O.D. 120mm
	Underground Cable	O.D. 120mm
Warning: Do NOT cut any Rebar or ACSR or Big Strand or Wire Rope or Round Bar or Armored Cable		

# HYDRAULIC CABLE CUTTER

## S-60H



General Specification	
Application	Copper and Aluminum Cable & Armored Cable Cutting
Output	12 Tons
Weight	11 Kgs
Length	420mm

Model No.	Application & Cutting Range	
	Suitable Material	Range
S-60H	Telephone CU/AL Cable(CCP)	O.D. 60mm
	Lead Sheathed Cable	O.D. 60mm
	Armored Underground Cable	O.D. 60mm
Warning: Do NOT cut any Rebar or Big Strand		

## S-100H S-120H S-132H



General Specification	
Application	Copper and Aluminum Cable & Armored Cable Cutting
Output	14 Tons
Weight	16 Kgs (S-100H)
	17.5 Kgs (S-120H)
	18 Kgs (S-132H)
Length	650mm (S-100H)
	710mm (S-120H)
	665mm (S-132H)

Model No.	Application & Cutting Range	
	Suitable Material	Range
S-100H	Telephone CU/AL Cable(CCP)	O.D. 100/120/132mm
S-120H	Lead Sheathed Cable	O.D. 100/120/132mm
S-132H	Armored Underground Cable	O.D. 100/120/132mm
Warning: Do NOT cut any Rebar or Big Strand or ACSR		

## S-65YFR S-85YFR



BLADE(S65YFR)



## S-65YH S-85YH



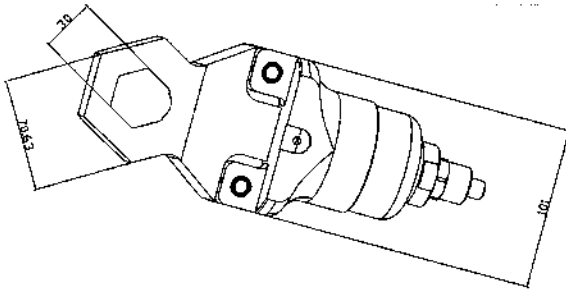
BLADE(S85YFR)

General Specification	
Application	Copper and Aluminum Cable & Armored Cable Cutting
Output	12 Tons
Weight	10.95 Kgs (S-65YFR)
	11.15 Kgs (S-85YFR)
Length	550mm (S-65YFR)
	780mm (S-85YFR)

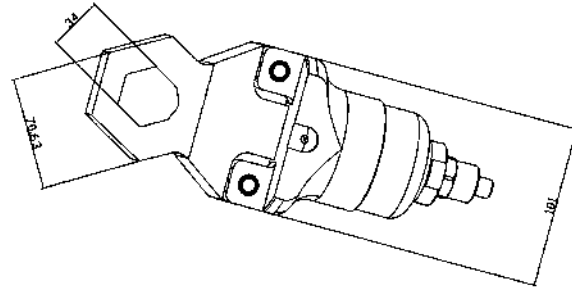
Model No.	Application & Cutting Range	
	Suitable Material	Range
S-65YFR	Telephone CU/AL Cable(CCP)	O.D. 65/85mm
S-85YFR	Lead Sheathed Cable	O.D. 65/85mm
S-65YH S-85YH	Armored Underground Cable	O.D. 65/85mm
Warning: Do NOT cut any Rebar or Steel Wire or Big Strand or ACSR or Wire Rope		

## Hydraulic Nut Splitter

**SS-24**



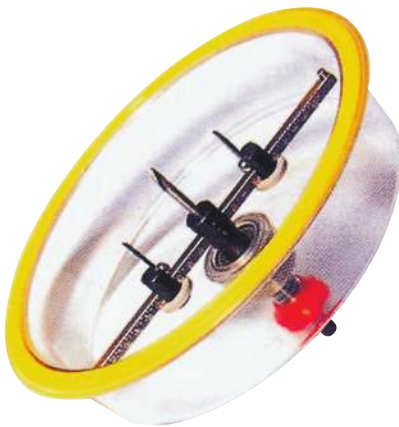
**SS-32**



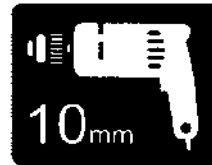
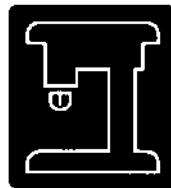
Model No.	Output (Tons)	Splitting Capacity (mm)	Weight (kg)
SS-24	12	Dia. 24	11
SS-32	12	Dia. 32	11.5

## Multi-Function Hole Cutter

**X-200**  
**X-200T**



**10mm SHANK**  
for Power-Drills



**BH-001**  
High Speed Steel



**BT-001**  
Tungsten Carbide Steel



Model No.	Blade	Application	Punching Range
X-200	<b>BH-001</b> High Speed Steel	Veneer Plywood Wood Board Plaster Board Acrylic Sheet	* Diameter Ø 40mm (1-9/16") - Ø 203mm (8")  * Thickness 3mm(1/8") - 46mm(1-7/8")
X-200T	<b>BT-001</b> Tungsten Carbide Steel	Gypsum Board Fiber Cement Board	

Remark: Need to punch a hole with DIA. 10mm before using this cutter. (Power-Drills)

# HYDRAULIC PUNCHING TOOL

## MAP10-2 Hydraulic Punch Driver Set



Application:  
Panel & Switchboard & Soft Steel  
Max. Thickness 3.2mm

Model No.	Output (Tons)	Content	Weight (kg)
MAP10-2	12	*Punch Head (1pc) *Punching Die (6pcs) Ø 21.8mm (1/2")    Ø 27.6mm (3/4") Ø 34.1mm (1")    Ø 42.7mm (1-1/4") Ø 48.7mm (1-1/2")    Ø 60.5mm (2")  *Draw(2pcs): 3/8" & 3/4" *Spacer: 3pcs	7
MAP10-2M	12	*Punch Head(1pc) *Punching Dies(6pcs) Ø16mm    Ø20mm Ø25mm    Ø32mm Ø40mm    Ø50mm  *Draw(2pcs):3/8" & 3/4" *Spacer: 3pcs	9

HYDRAULIC TOOL

## MAP10-4 Hydraulic Punch Driver Set



Application:  
Panel & Switchboard & Soft Steel  
Max. Thickness 3.2mm

Model No.	Output (Tons)	Content	Weight (kg)
MAP10-4	12	*Punching Die(4pcs) Ø 76.1mm (2-1/2") Ø 88.9mm (3") Ø 102.8mm (3-1/2") Ø 115.5mm (4")  *Draw(1pc): 1"	11.5

## MAP10-H Hydraulic Punch Head / Hydraulic Ram



Application:  
Panel & Switchboard & Soft Steel  
Max. Thickness 3.2mm

Model No.	Output (Tons)	Ram Stroke	Oil Capacity	Content	Weight (kg)
MAP10-H	12	25mm	40c.c.	*Punch Head (1pc)	2.58

## MAP-8 With 360 degree-rotating aluminum head

### Hydraulic Punch Driver



#### Application:

Stainless Steel Plate Max. Thickness 1.6mm Gauge 16

Galvannealed Steel Plate Max. Thickness 3.2mm Gauge 11

Model No.	Output (Tons)	Ram Stroke	Oil Capacity	Content	Weight (kg)
MAP-8	8	20mm	40c.c.	*Punching Dies(6 Pcs) Ø 21.8mm (1/2") Ø 27.6mm (3/4") Ø 34.1mm (1") Ø 42.7mm (1-1/4") Ø 48.7mm (1-1/2") Ø 60.5mm (2")  *Draw(2pcs):3/8" & 3/4" *Spacer(3 pcs):AD20 & AD34 & AD44	10 <i>With punch</i>

## MAP-9 With 180 degree-rotating steel head

### Hydraulic Punch Driver



#### Application:

Stainless Steel Plate Max. Thickness 1.6mm Gauge 16

Galvannealed Steel Plate Max. Thickness 3.2mm Gauge 11

Model No.	Output (Tons)	Ram Stroke	Oil Capacity	Content	Weight (kg)
MAP-9	8	20mm	40c.c.	*Punching Dies(6 Pcs) Ø 21.8mm (1/2") Ø 27.6mm (3/4") Ø 34.1mm (1") Ø 42.7mm (1-1/4") Ø 48.7mm (1-1/2") Ø 60.5mm (2")  *Draw(2pcs):3/8" & 3/4" *Spacer(3 pcs):AD20 & AD34 & AD44	10 <i>With punch</i>

## MAP-10

### Hydraulic Punch Driver



#### Application:

Stainless Steel Plate Max. Thickness 1.6mm

Galvannealed Steel Plate Max. Thickness 3.2mm

Model No.	Output (Tons)	Ram Stroke	Oil Capacity	Content	Weight (kg)
MAP-10	12	25mm	40c.c.	*Punching Dies(10 Pcs) Ø 21.8mm (1/2") Ø 27.6mm (3/4") Ø 34.1mm (1") Ø 42.7mm (1-1/4") Ø 48.7mm (1-1/2") Ø 60.5mm (2") Ø 76.1mm (2-1/2") Ø 88.9mm (3") Ø 102.8mm (3-1/2") Ø 115.5mm (4")  *Draw(3pcs):3/8" & 3/4" & 1" *Spacer(3 pcs):AD20 & AD34 & AD44	20 <i>Without pump</i>

\*Pump needs to be extra purchased.



# HYDRAULIC PUNCHING TOOL

## PUNCH DIES - ROUND & SQUARE

### Other size of Punching dies

Content	
Ø 19.75mm (3/4")	Ø 26.1mm (1")
Ø 32.5mm (1-1/4")	Ø 38.7mm (1-1/2")
Ø 51.6mm (2")	Ø 64.4mm (2-1/2")
Ø 77.2mm (3")	Ø 22.5mm
Ø 25.5mm	Ø 32.5mm
Ø 55mm	Ø 16mm
Ø 20mm	Ø 25mm
Ø 32mm	Ø 40mm
Ø 50mm	

### SQUARE PUNCH SET



Model No.	Punch Size
MS4545	45x45
MS4646	46x46
MS6868	68x68
MS9292	92x92
MS9245	92x45
MS9246	92x46

### SCREW & ADAPTOR FOR PUNCH DRIVER

#### SCREW Dia. 1"

25x151mm



#### SCREW Dia. 3/4"

19x138mm



#### SCREW Dia. 3/8"

9.5x80mm



#### SCREW Dia. 3/4"

19x40mm



### SPACER ACCESSORY

#### AD20



#### AD34



Model No.	Height (mm)
AD20	20
AD34	34
AD44	44

#### AD44



### HAP-50

Metal Stud Punching Tools  
Manual Mechanical Type



Model No.	HAP-50	Weight	Length
Application	Stainless Steel Plate Thickness below 0.9mm(Gauge20) Galvannealed Steel Plate Thickness below 1.2mm	2.8kgs	500mm
Range	Hole Diameter 11-34.1mm		
Standard Punching Dies	Round Dies size Dia.11 & 13 & 22 25 & 28 & 34.1mm		

### MAP-7

Hydraulic Punch Driver  
Straight Punching Type



#### Application:

Stainless Steel Plate Max. Thickness 1.6mm Gauge 16

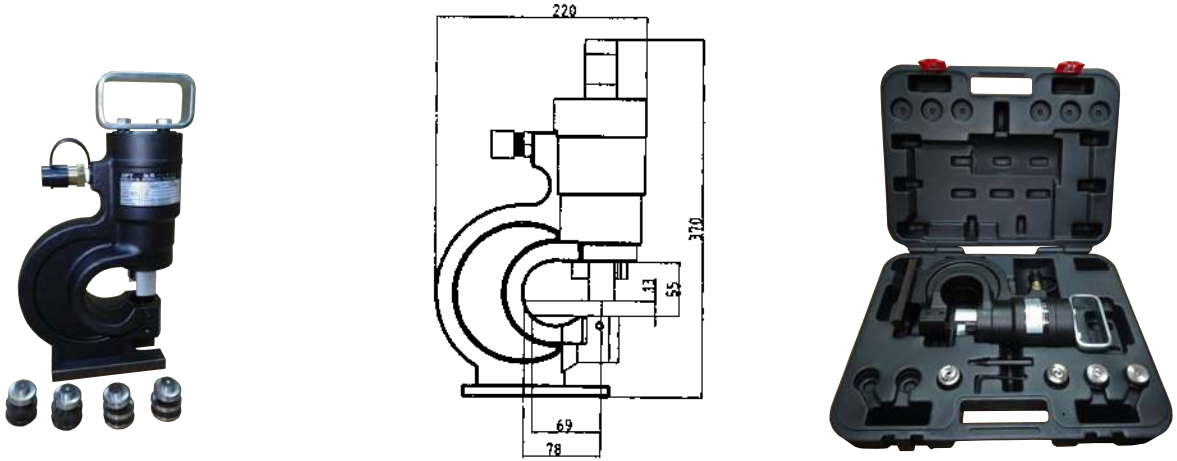
Galvannealed Steel Plate Max. Thickness 3.2mm Gauge 11

Model No.	Output (Tons)	Ram Stroke	Oil Capacity	Content	Weight (kg)
MAP-7	8	20mm	40c.c.	*Punching Dies(6 Pcs) Ø 21.8mm (1/2") Ø 27.6mm (3/4") Ø 34.1mm (1") Ø 42.7mm (1-1/4") Ø 48.7mm (1-1/2") Ø 60.5mm (2")  *Draw(2pcs):3/8" & 3/4" *Spacer(3 pcs):AD20 & AD34 & AD44	10 With punch

## PP-70

### Hydraulic Punching Machine

Desk-Top Type

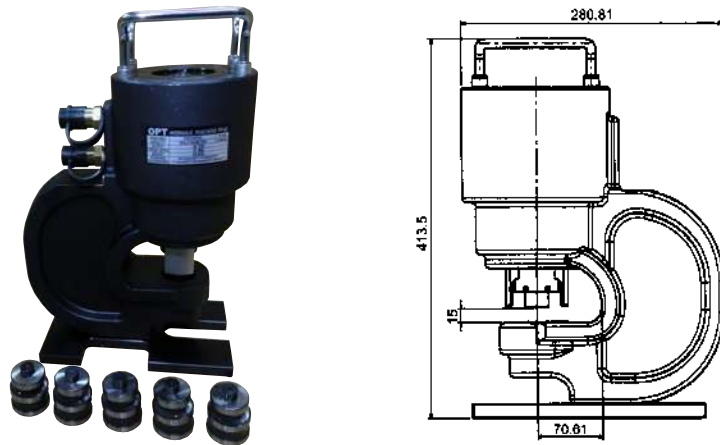


Model No.	Output(Tons) at Pressure 700kg/cm <sup>2</sup>	Throat Depth (mm)	Max. Thickness (mm)	Content	Weight (kg)
PP-70	30	70	10	*Punching Set(4pcs) Ø 10.5mm (3/8") Ø 13.5mm (1/2") Ø 17.5mm (5/8") Ø 20.5mm (3/4")	13 <i>Without pump</i>

## PP-80

### Hydraulic Punching Machine

Desk-Top Type



Model No.	Output(Tons) at Pressure 700kg/cm <sup>2</sup>	Throat Depth (mm)	Max. Thickness (mm)	Content	Weight (kg)
PP-80	50	70	15	*Punching Set(5pcs) Ø 10.5mm (3/8") Ø 13.5mm (1/2") Ø 17.5mm (5/8") Ø 20.5mm (3/4") Ø 25.5mm (1")	42 <i>Without pump</i>

# HYDRAULIC BENDER & CUTTER

## Hydraulic Tool for Bus Bar

**BB-200**  
Bus Bar Bender

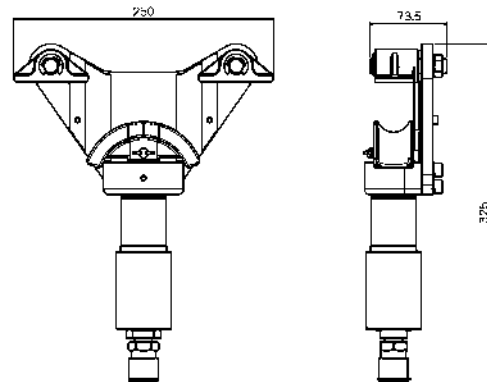


**BC-150**  
Bus Bar Cutter



Model No.	Output (Tons)	Max. Width (mm)	Max. Thickness (mm)	Weight (kg)
BB-200	15	200	13	18
BC-150	15	150	13	26

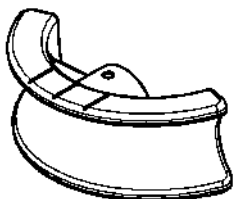
**CB-250H** With alloy-aluminum head & bending sets  
Hydraulic Cable Bender



Model No.	Output (Tons)	Oil Volume	Bending Range	Bending Radius of Cable	Dimension (mm)	Weight (kg)
CB-250H	3	55 c.c.	CV-IV 100-325mm <sup>2</sup>	R48mm	325(L)*250(W)*73.5(H)	3.9 <i>Without pump</i>

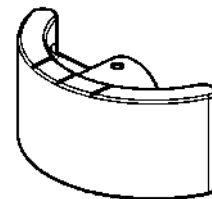
## Bending Die

**CB-001**



CV-IV 325mm<sup>2</sup>

**CB-002**



CV-IV 100-250mm<sup>2</sup>

**PA-6B Pneumatic Crimping Head**  
**PF-1 Foot Air Valve**

PNEUMATIC TOOL



Model No.	Output(Tons) at Air Pressure 5 Bar	Suitable Air Pressure	Dimension (mm)	Weight (kg)
PA-6B	1.3	5-6 Bar	225(L)*90(W)*135(H)	2.7
PF-1	Foot Air Valve for PA-6B			

## Interchangeable standard dies for PA-6B

Model No.	Crimping Range		Application of Terminal
	AWG	DIN mm <sup>2</sup>	
DIES(LY03C)	20-10	0.5-6	Insulated
DIES(LY04C)	26-10	0.14-6	
DIES(LY10)	16-8	1.5-8	Non-insulated
DIES(LY03B)	20-10	0.5-6	Open Barrel
DIES(LY04WF)	20-12	0.5-4	Cord End Sleeves
DIES(LY06WF)	18-10	0.75-6	
DIES(LY16WF)	10-5	6-10	
DIES(LY25NWF)	8-4	10-25	
DIES(LY35NWF)	6-2	16-35	
DIES(LY50NWF)	4-3/0	25-50	
DIES(C-C7)	Cutting dies for CU & AL wire Max. O.D. 7mm		

DIES(LY16WF)



DIES(LY03C)



DIES(LY03B)



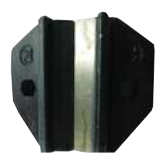
DIES(LY02H)



DIES(LY04WF)



DIES(C-C7)



# PEX PIPE CRIMPING TOOL PLUMBING TOOL

## CW-13 & CW-15 & CW-19 & CW-25



Model No.	Crimping Range of PEX-Pipe	Length (mm)	Weight (kg)
CW-13	Ø 1/2"	480	2.3
CW-15	Ø 5/8"	480	2.3
CW-19	Ø 3/4"	480	2.3
CW-25	Ø 1"	480	2.3



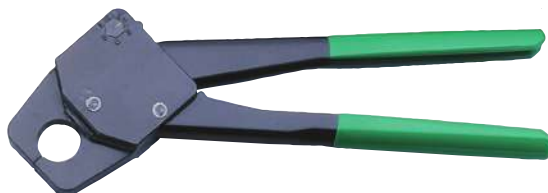
## CW-119 & CW-113 & CW-139



Model No.	Crimping Range of PEX-Pipe	Length (mm)	Weight (kg)
CW-119	Ø 3/8" & Ø 3/4"	480	2.3
CW-113	Ø 3/8" & Ø 1/2"	480	2.3
CW-139	Ø 1/2" & Ø 3/4"	480	2.3



## CWF-11 & CWF-13 & CWF-19



Model No.	Crimping Range of PEX-Pipe	Length (mm)	Weight (kg)
CWF-11	Ø 3/8"	420	1.5
CWF-13	Ø 1/2"	420	1.5
CWF-19	Ø 3/4"	420	1.5



## CWA-11 & CWA-13 & CWA-19 With alloy-aluminum Handles



Model No.	Crimping Range of PEX-Pipe	Length (mm)	Weight (kg)
CWA-11	Ø 3/8"	430	1.4
CWA-13	Ø 1/2"	430	1.4
CWA-19	Ø 3/4"	430	1.4



## CWH-J For medium quick clamp crimping



Model No.	Crimping Range of PEX-Pipe	Length (mm)	Weight (kg)
CWH-J	Ø 3/8" & Ø 1/2" Ø 3/4" & Ø 1"	480	2.3



## CR-1 Removal Tool for Ring & Pipe Cutting blades can penetrate ring & pipe



Model No.	Crimping Range of PEX-Pipe	Length (mm)	Weight (kg)
CWH-J	Ø 1/2" - Ø 1"	230	0.4



WP-1



WP-1H



WS-1



WS-1H



### DWS Type

For Hand Tools & Hydraulic Tools Only

Model No.	Output (Tons)	Application	Crimping Range	Length (mm)	Weight (kg)
WP-1	4	PEX & PB Ring	Ø 1/2" Ø 3/4" Ø 1"	610	6
WP-1H	6			340	3.6
WS-1	4	Stainless Steel Pipe Steel Alloy Pipe		610	6
WS-1H	6			340	3.6

Model No.	Application	Pressing Range	Weight (kg)
DWS13	For Copper & Stainless Steel Pipe System Steel Alloy Pipe	Ø 1/2"	1.32
DWS19		Ø 3/4"	1.32
DWS25		Ø 1"	1.32

# PEX PIPE CRIMPING TOOL PLUMBING TOOL

HYDRAULIC & BATTERY TYPE

**EWP-1** With 14.4V Ni-MH Battery  
**EWPL-1** With 14.4V Li-Ion Battery

With 180 degree-rotating head



**DWP Type**



Model No.	Application	Pressing Range	Weight (kg)
DWP13	For PEX-Pipe System PEX Pipe & PB Ring	Ø 1/2"	1.32
DWP19		Ø 3/4"	1.32
DWP25		Ø 1"	1.32

Motor	Output (Tons)	Standard Dies (each kind*1piece)	Dimension (mm)	Weight (kg)
DC 14.4V	6	DWP13 & DWP19 & DWP25	394(L)*320(H)*70(W)	5

**EWS-1** With 14.4V Ni-MH Battery  
**EWSL-1** With 14.4V Li-Ion Battery

With 180 degree-rotating head



**The Battery Tool with Big WLS Type Dies**  
For Stainless Steel Pipe & Steel Alloy Pipe Crimping

Motor	Output (Tons)	Standard Dies (each kind*1piece)	Dimension (mm)	Weight (kg)
DC 14.4V	6	WLS13 & WLS20 & WLS25	394(L)*320(H)*70(W)	5

**WLS Type - SMALL**



Model No.	Application	Pressing Range	Weight (kg)
WLS13	For Copper & Stainless Steel Pipe System Steel Alloy Pipe	Ø 1/2"	2.33
WLS20		Ø 3/4"	2.2
WLS25		Ø 1"	2.22
WLS30		Ø 1-1/4"	2.16

**WLS Type - BIG**



Model No.	Application	Pressing Range	Weight (kg)
WLS40	For Copper & Stainless Steel Pipe System Steel Alloy Pipe	Ø 1-1/2"	5.2
WLS50		Ø 2"	5.08

PLUMBING TOOL

- EWSS-1** With 18V Li-Ion Battery
- EWSS-1** With 18V Li-Ion Battery & Sensor



Motor	Output (Tons)	Standard Dies (each kind*1piece)	Dimension (mm)	Weight (kg)
DC 18V	6	WLS13 & WLS20 & WLS25	350(L)*320(H)*85(W)	6

PLUMBING TOOL

### MWS-1 Electric Crimping Tools

Mechanical Type  
For Stainless Steel Pipe/Tube Crimping Range 1/2"-1"



Motor	Output (Tons)	Voltage	Standard Dies (each kind*1piece)	Weight (kg)
MWS-1	4	AC 110V	WLS13 (1/2") WLS20 (3/4") WLS25 (1")	5

### AR-30 Dies Adaptor

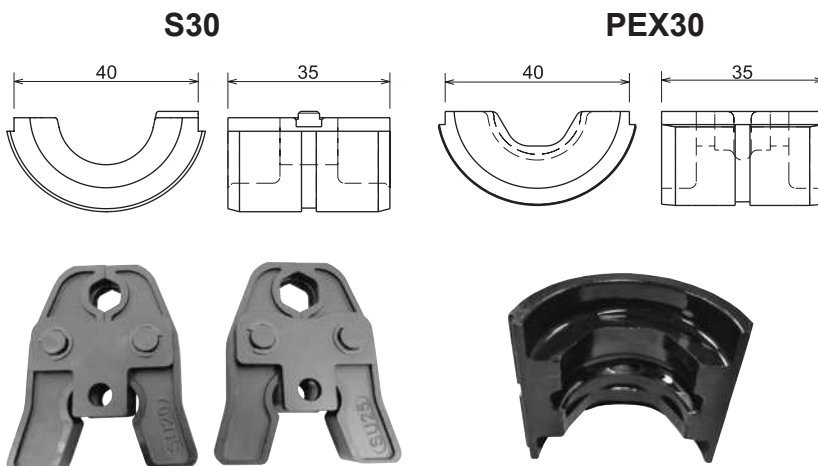
Adaptor for EWP-1 & EWPL-1 & EWS-1 & EWSL-1 & EWSS-1 & EWSS-1 & MWS-1

With this dies adaptor, the pipe/tube crimping tool could install hexagon dies to crimp terminal & connector/conduct.



\*Dies need to be extra purchased.

### Other optional crimping dies which could work with AR-30 Dies Adaptor



### For Steel Alloy Pipe Crimping

Model No.	Pipe Size
S3013	1/2"
S3020	3/4"
S3025	1"

### For PEX-Pipe Crimping

Model No.	Pipe Size
PEX3010	3/8"
PEX3013	1/2"
PEX3016	5/8"
PEX3020	3/4"
PEX3025	1"

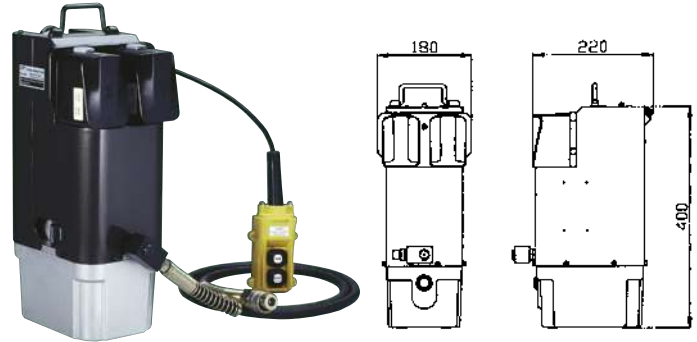
# ELECTRIC HYDRAULIC PUMP BATTERY HYDRAULIC PUMP

## BATTERY HYDRAULIC PUMP

PM-P1



PM-P2 With Remote Control



Both batteries must be inserted into the cartridge slots of the pump, because they are connected to activate DC 28.8V Motor

Model No.	Motor	Oil Pressure	Max. Pressure	Min. Pressure	Reservoir Volume	Dimension (mm)	Weight (kg)	Accessory
PM-P1	DC 14.4V	700kgf/cm <sup>2</sup>	700kg/cm <sup>2</sup> 150c.c./min	2kg/cm <sup>2</sup> 500c.c./min	550c.c.	355(L)*260(H)*160(W)	8	Charger & Battery 1.8M Hose
PM-P2	DC 28.8V	700kgf/cm <sup>2</sup>	0.3 liter/min	1.8 liter/min	1700c.c.	400(L)*220(H)*180(W)	16.3	Charger & Battery 1.8M Hose Remote Control Switch

PUMP

## ELECTRIC HYDRAULIC PUMP

PM-E02



PM-E03



Model No.	Motor	Oil Pressure	Max. Pressure	Min. Pressure	Reservoir Volume	Dimension (mm)	Weight (kg)	Accessory
PM-E02	AC 100-125V	700kgf/cm <sup>2</sup>	700kg/cm <sup>2</sup> 150c.c./min	2kg/cm <sup>2</sup> 500c.c./min	550c.c.	355(L)*260(H)*160(W)	8	AC Power & Adapter 1.8M Hose
PM-E03	AC 200-230V	700kgf/cm <sup>2</sup>	700kg/cm <sup>2</sup> 150c.c./min	2kg/cm <sup>2</sup> 500c.c./min	550c.c.	355(L)*260(H)*160(W)	8	AC Power & Adapter 1.8M Hose

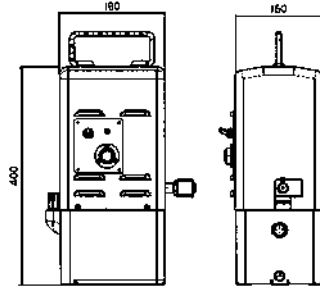
## SUITABLE TOOL HEAD MODEL LIST FOR ABOVE PUMPS



HYDRAULIC HEAD

CO-500	TP-400H	THX-185H	OP-1000	HT-95	SS-24	BC-150
CO-630	TP-420H	THX-240H	HT-85	S-32H	MAP10-2	PP-80
CO-800	TP-800H	TP-413H	S-40AH	HT-120	MAP10-4	
CO-1000	TP-630H	TP-6H	S-120H	HT-100	MAP10-H	
TP-240H	TP-210H	TP-8H	S-100H	S-60H	BB-200	
TP-300H	TP-325H	OP-60S	HT-52	SS-32	PP-70	

## PM-1000



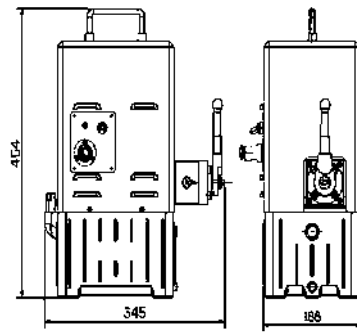
### PM-1000 with Optional Accessory Pressure Gauge



Model No.	Motor	Oil Pressure	Max. Pressure	Min. Pressure	Reservoir Volume	Dimension (mm)	Weight (kg)	Accessory
PM-1000	AC 110/220V 650W 50/60HZ	700kgf/ cm <sup>2</sup>	0.5 liter/min	2.75 liter/min	2600c.c.	180(L)*400(H)*160(W)	16.8	1.8M Hose Remote Control Switch

## PM-3000

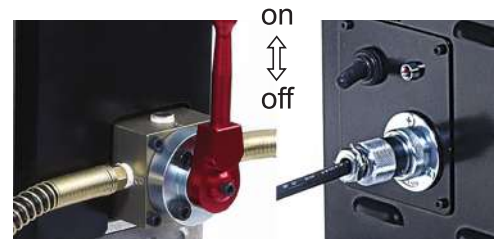
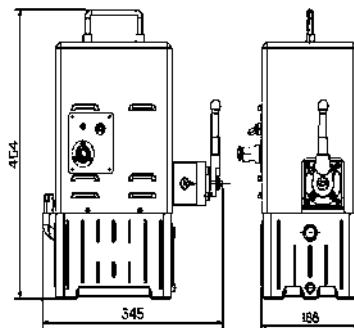
This model can release the pressure manually if there is without any electric power



Model No.	Motor	Oil Pressure	Max. Pressure	Min. Pressure	Reservoir Volume	Dimension (mm)	Weight (kg)	Accessory
PM-3000	AC 110/220V 650W 50/60HZ	700kgf/ cm <sup>2</sup>	0.5 liter/min	2.75 liter/min	3300c.c.	345(L)*454(H)*188(W)	19.4	1.8M Hose Remote Control Switch

## PM-3001

This model can release the pressure manually if there is without any electric power

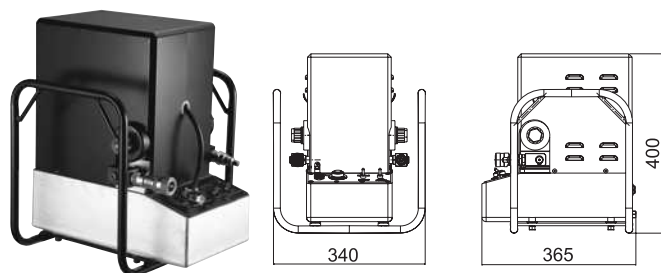


Model No.	Motor	Oil Pressure	Max. Pressure	Min. Pressure	Reservoir Volume	Dimension (mm)	Weight (kg)	Accessory
PM-3001	AC 110/220V 650W 50/60HZ	700kgf/ cm <sup>2</sup>	0.5 liter/min	2.75 liter/min	3300c.c.	345(L)*454(H)*188(W)	22.7	1.8M Hose Remote Control Switch Control Valve

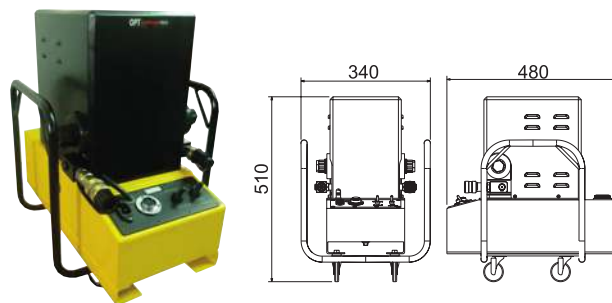


# ELECTRIC HYDRAULIC PUMP ENGINE HYDRAULIC PUMP

## PM-P4 Solenoid Valve Switch Apply for both Double-Acting & Single-Acting



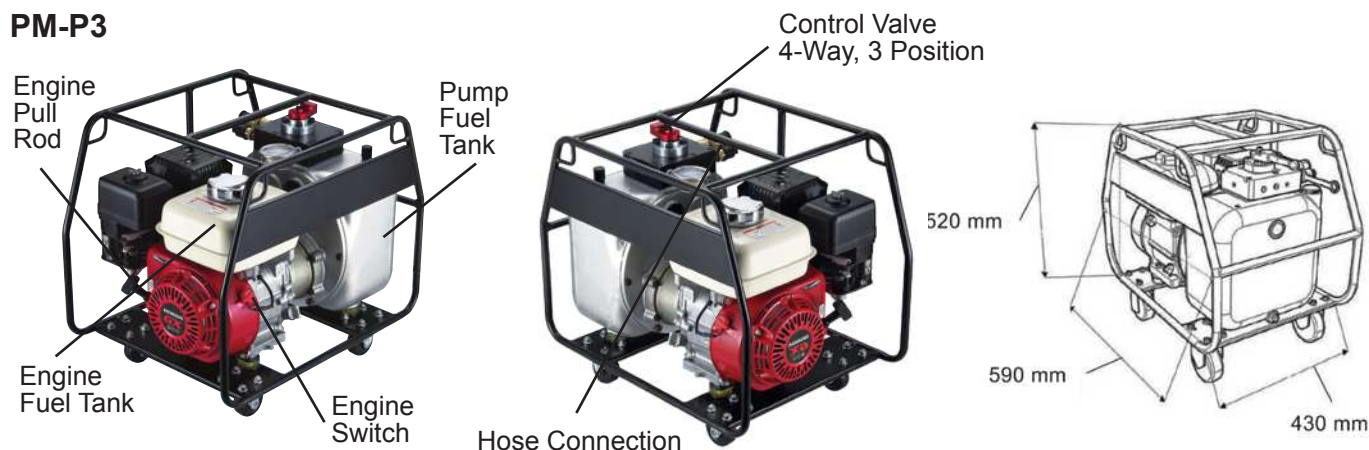
## PM-P4L



Model No.	Motor	Oil Pressure	Max. Pressure	Min. Pressure	Reservoir Volume	Dimension (mm)	Weight (kg)	Accessory
PM-P4	AC 110/220V 1HP/60HZ	700 kgf/cm <sup>2</sup>	0.5 liter/min	1.8 liter/min	2500c.c.	340(L)*400(H)*365(W)	42	1.8M Hose Remote Control Switch
PM-P4L	AC 110/220V 1HP/60HZ	700 kgf/cm <sup>2</sup>	0.5 liter/min	1.8 liter/min	8000c.c.	340(L)*510(H)*480(W)	50	1.8M Hose Remote Control Switch

## ENGINE HYDRAULIC PUMP

### PM-P3



Model No.	Motor	Oil Pressure	Max. Pressure	Min. Pressure	Reservoir Volume	Dimension (mm)	Weight (kg)	Accessory	Engine Fuel
PM-P3	5HP	700 kgf/cm <sup>2</sup>	2.4 liter/min	10 liter/min	9.51 Liter	430(L)*520(H)*590(W)	48	1.8M Hose*2 pieces Control Valve	92 & 95 Lead-Free Gasoline ONLY

### PM-P5 PMS-P5 (sensor version)

- Light & small, easy for carrying and operation at high place.
- Low voice, environment friendly, with lighting system.
- Automatically switch mode for crimping & cutting & punching. (sensor version only)
- Temperature & voltage & pressure & power reminder system. (sensor version only)
- Counting Time & Serial No. system. (sensor version only)
- Buzz error warning system. (sensor version only)



Model No.	Motor	Oil Pressure	Oil Flow Rate		Reservoir Volume (Tank)	Dimension (mm)	Weight (kg)	Accessory
			Low Pressure	High Pressure				
PM-P5 PMS-P5 (sensor)	DC 18V	700 kgf/cm <sup>2</sup>	1.6 liter/min	0.27 liter/min	1400c.c.	330(L)*271(H)*155(W)	8	18V Charger & Battery 1.8M Hose Remote Control Switch

**HS-700**  
Hydraulic Hand Pump



**FS-700**  
Hydraulic Foot Pump



**H-S**  
Hydraulic Hand Pump



With automatic safety valve by pass oil when reaching Max. pressure

Model No.	Max. Pressure kgf/cm <sup>2</sup>		Output per Stroke(c.c.)		Reservoir Volume	Dimension (mm)	Weight (kg)	Speed
	1st Stage	2nd Stage	1st Stage	2nd Stage				
HS-700	20	700	13	2.8	700c.c.	580(L)*150(H)*140(W)	8	TWO
FS-700	20	700	13	2.8	700c.c.	474(L)*150(H)*150(W)	10	TWO
H-S	20	700	6	1	300c.c.	580(L)*150(H)*150(W)	3	TWO

**H-B**  
Hydraulic Hand Pump



**F-B**  
Hydraulic Foot Pump



**H-A**  
Hydraulic Hand Pump



**H-C**  
Hydraulic Hand Pump



**H-A2**  
Hydraulic Hand Pump



**F-C**  
Hydraulic Foot Pump



Model No.	Max. Pressure kgf/cm <sup>2</sup>		Output per Stroke(c.c.)		Reservoir Volume	Dimension (mm)	Weight (kg)	Speed	Oil Port Thread
	1st Stage	2nd Stage	1st Stage	2nd Stage					
H-A	---	700	---	2.8	600c.c.	530(L)*125(H)*120(W)	6	SINGLE	1/4 NPT
H-B	20	700	13	2.8	700c.c.	600(L)*150(H)*150(W)	8	TWO	3/8 NPT
F-B	20	700	13	2.8	700c.c.	708(L)*170(H)*174(W)	11	TWO	3/8 NPT
F-C	20	700	13	2.8	700c.c.	474(L)*192(H)*174(W)	11	TWO	3/8 NPT
H-C	20	700	13	2.8	2500c.c.	713(L)*200(H)*142(W)	12	TWO	3/8 NPT
H-A2	--	700	---	2.8	350c.c.	350(L)*125(H)*120(W)	4.4	SINGLE	3/8 NPT

# AIR HYDRAULIC PUMP

## AP-901



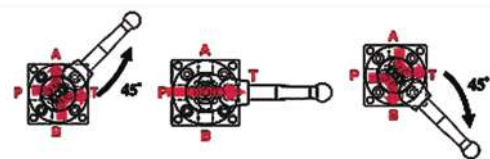
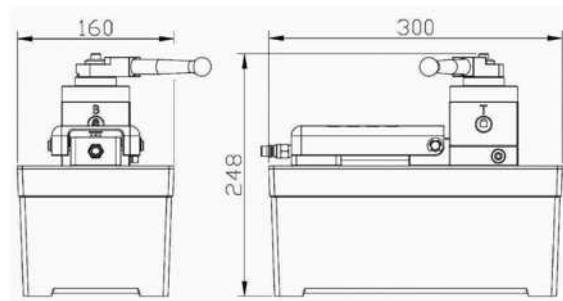
Model No.	Air Pressure	Air Consumption	Output Flow Rate (c.c./min)		Reservoir Volume	Dimension (mm)	Weight (kg)	Oil Port Thread
			Unload	Load				
AP-901	70-170 Bar	9 CFM	427	67	500c.c.	380(L)*205(H)*150(W)	6.7	1/4 NPT

## AP-1000 AP-3000



Model No.	Air Pressure	Rated Pressure	Output Flow Rate (Liter/min)		Reservoir Volume	Dimension (mm)	Weight (kg)	Oil Port Thread	Acting
			Unload	Load					
AP-1000	7-10 Bar	700kgf/cm <sup>2</sup>	1.28	0.16	1000c.c.	260(L)*200(H)*130(W)	6.6	3/8 NPT	SINGLE
AP-3000	7-10 Bar	700kgf/cm <sup>2</sup>	1.28	0.16	3000c.c.	300(L)*245(H)*160(W)	10	3/8 NPT	SINGLE

## AP-3001 With Control Valve

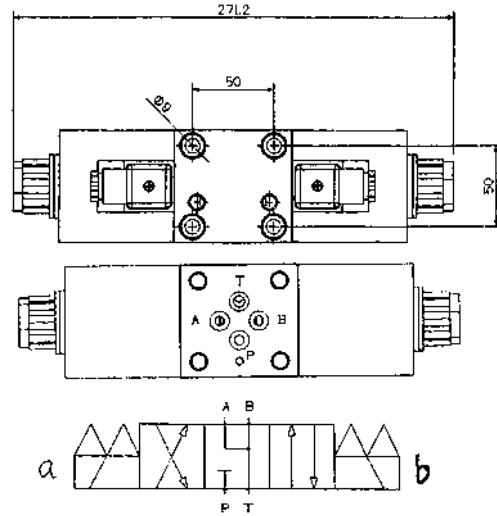


Model No.	Air Pressure	Rated Pressure	Output Flow Rate (Liter/min)		Reservoir Volume	Dimension (mm)	Weight (kg)	Oil Port Thread	Acting
			Unload	Load					
AP-3001	7-10 Bar	700kgf/cm <sup>2</sup>	1.28	0.16	3000c.c.	300(L)*245(H)*160(W)	11.2	3/8 NPT	DOUBLE

PUMP

## DIRECTIONAL CONTROL VALVE

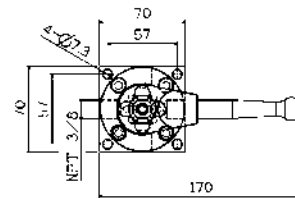
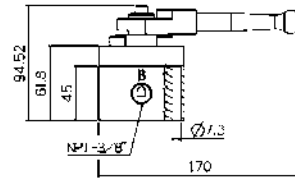
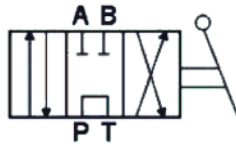
MSW-4P-110 (AC 110V)  
 MSW-4P-220 (AC 220V)  
 MSW-4P-12 (DC 12V)



- Suitable for both Single or Double Acting Cylinder
- Possibility to select advance, hold & retract
- Detent internal rotor snaps into position ensuring accurate alignment of internal flow passages

Model No.	Description	Max. Pressure	Oil Port Thread	Length (mm)	Weight (kg)
MSW-4P	Control Valve with 3 positions & 4 ports	700kgf/cm <sup>2</sup>	3/8 NPT	270	5.76

### VH-700



- Suitable for both Single or Double Acting Cylinder
- Possibility to select advance, hold & retract
- Lever operated, detent positioned

Model No.	Description	Max. Pressure	Oil Port Thread	Length (mm)	Weight (kg)
VH-700	Control Valve with 3 positions & 4 ports	700kgf/cm <sup>2</sup>	3/8 NPT	170	1.26

### VB-201

Manifold Valve  
**Two Ports**



### VB-301

Manifold Valve  
**Three Ports**



### VB-401

Manifold Valve  
**Four Ports**



Allows distribution of hydraulic fluid from one source to two or four cylinders

# PUMP ACCESSORY

## QUICK COUPLER

**C-18**  
3/8" NPT Threads



**C-18-F**  
3/8" NPT Threads



**C-18-M**  
3/8" NPT Threads



**C-18-C**  
Cover



**C-20**  
3/8" NPT Threads



**C-20-F**  
3/8" NPT Threads



**C-20-M**  
3/8" NPT Threads



**C-20-C**  
Cover



**C-8**  
3/8" NPT Threads



**C-8-F**  
3/8" NPT Threads



**C-8-M**  
3/8" NPT Threads



**C-8-C**  
Cover



**ADO303**  
3/8" NPT Threads  
Both male ends



PUMP

## PRESSURE GAUGE

**GA-1000**

Sample view of GA-1000  
with three ports connector



**TA-1000**



**TA-600**



**TA-1800**



**TA-350**



Model No.	Max. Pressure	Application & Suggested Suitable Tools
GA-1000	700kgf/cm <sup>2</sup>	For testing of Hydraulic Pump
TA-1000	700kgf/cm <sup>2</sup>	For testing of TP-400 & TP-300 & TP-240
TA-600	700kgf/cm <sup>2</sup>	For testing of EWS-1 & EWP-1 & MNWS-1 & WLS-1 (Plumbing Tool)
TA-1800	700kgf/cm <sup>2</sup>	For testing of TP-325 & TP-325H & TP-630 & TP-630H
TA-350	700kgf/cm <sup>2</sup>	For testing of all Battery Pistol Grip Tools



## HYDRAULIC OIL

**T-15**



**T-32**



Model No.	Description	Capacity (c.c.)	Suitable Model
T-15	Hydraulic Oil for Tool	1000	For Hydraulic Tools
T-32	Hydraulic Oil for Pump	1000	For Electric & Battery Pumps

## HYDRAULIC HOSE

**H-18**  
3/8" NPT  
with Quick Coupler C-18-F



**H-18M**  
3/8" NPT  
Both male ends  
(OUT-Threads)



**H-18MF**  
3/8" NPT  
One side male end(OUT-Threads)  
One side female end(IN-Threads)



Model No.	Hose Length (M)	Max. Pressure (PSI)	Coupler
H-18	1.8	10000	C-18-F
H-18M	1.8	10000	Both Out-Threads
H-18MF	1.8	10000	One side male & one side female end
H-30	3	10000	C-18-F

More customized hose length as your request. Inquiry welcome.

# HAND CRIMPING TOOL RATCH TYPE ERGONOMICS HANDLE

## SU-2 & SU-5 & SU-6 Non-Insulated Terminal



Model No.	Crimping Range			Weight (kg)	Length (mm)
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG		
SU-2	0.25-2.5	0.5-2	20-14	0.24	190
SU-5	1.25-5.5	1.5-6	16-10	0.24	190
SU-6	0.5-5.5	0.75-6	18-10	0.24	190

## SU-22 Non-Insulated Terminal



Model No.	Crimping Range			Weight (kg)	Length (mm)
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG		
SU-22	5.5-22	6-25	10-4	0.92	365

## SU-8 Non-Insulated Terminal



Model No.	Crimping Range			Weight (kg)	Length (mm)
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG		
SU-8	1.25-8	1.5-10	16-8	0.43	260

## SU-38 Non-Insulated Terminal



Model No.	Crimping Range			Weight (kg)	Length (mm)
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG		
SU-38	5.5-38	6-35	10-2	0.92	365

## SU-16 Non-Insulated Terminal



Model No.	Crimping Range			Weight (kg)	Length (mm)
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG		
SU-16	1.25-14	1.5-16	16-5	0.43	260

## SU-11 & SU-12 Insulated Terminal & Connector



Model No.	Crimping Range			Weight (kg)	Length (mm)
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG		
SU-11	1.25-2	1.5-2	16-14	0.7	285
SU-12	2-5.5	2-6	14-10	0.7	285

## SU-16N AU-Copper Terminal

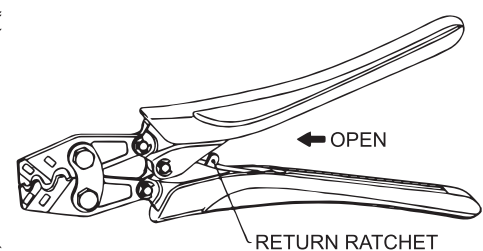
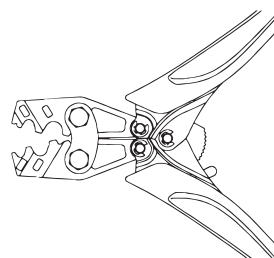
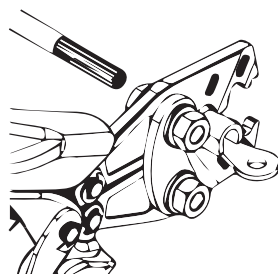


Model No.	Crimping Range			Weight (kg)	Length (mm)
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG		
SU-16N	1.25-14	1.5-16	16-5	0.51	285

## SU-13 & SU-28C Close-End Terminal



Model No.	Crimping Range			Weight (kg)	Length (mm)
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG		
SU-13	0.25-5.5	0.5-6	20-10	0.51	285
SU-28C	8-14	10-16	8-6	0.51	285



*Knock the ratchet if the Handles can not be opened due to wrong use.*

HAND CRIMPING TOOL

**SU-16A** For tubular cable lugs & Solid connectors



**SU-16D** For tubular cable lugs & Solid connectors



**SU-16G** For tubular cable lugs & Solid connectors



Model No.	Crimping Range	Weight (kg)	Length (mm)
	mm <sup>2</sup>		
SU-16A	0.5-16 (BS)	0.6	290
SU-16D	0.75-16 (GS)	0.6	290
SU-16G	0.75-16	0.6	290

**SU-55WF** Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
SU-55WF	10-50	8-1/0	0.76	330

**SU-95WF** Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
SU-95WF	50-95	1/0-3/0	0.76	330

**SU-150WF** Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	MCM		
SU-150WF	120-150	250-300	1	380

# HAND CRIMPING TOOL

RATCH TYPE  
PVC HANDLE  
SMART OPEN-KNOB

## KH-2 & KH-5 & KH-6 Non-Insulated Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
KH-2	0.5-2.5	20-14	0.23	195
KH-5	1.25-5.5	16-10	0.24	195
KH-6	0.75-6	18-10	0.23	195

## KH-8 Non-Insulated Terminal



Model No.	Crimping Range			Weight (kg)	Length (mm)
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG		
KH-8	1.25-8	1.5-10	16-8	0.6	250

## KH-9 Non-Insulated Terminal



Model No.	Crimping Range			Weight (kg)	Length (mm)
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG		
KH-9	1.25-8	1.5-10	16-8	0.6	250

## KH-16 Non-Insulated Terminal



Model No.	Crimping Range			Weight (kg)	Length (mm)
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG		
KH-16	1.25-14	1.5-16	16-5	0.6	280

## KH-22 & KH-38 Non-Insulated Terminal



Model No.	Crimping Range			Weight (kg)	Length (mm)
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG		
KH-22	5.5-22	6-25	10-4	0.92	365
KH-38	5.5-38	6-35	10-2	0.92	365

## KH-11 Insulated Terminal & Connector



Model No.	Crimping Range			Weight (kg)	Length (mm)
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG		
KH-11	0.25-2	0.25-2	22-14	0.8	270

## KH-12 Insulated Terminal & Connector



Model No.	Crimping Range			Weight (kg)	Length (mm)
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG		
KH-12	2-5.5	2-6	16-10	0.8	270

## KH-18C Insulated Terminal & Connector



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
KH-18C	10-16	8-6	0.6	270

## KH-13 Close-End Terminal



Model No.	Crimping Range			Weight (kg)	Length (mm)
	JIS mm <sup>2</sup>	DIN mm <sup>2</sup>	AWG		
KH-13	0.5-5.5	0.5-6	20-10	0.6	270

## KH-28C Close-End Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
KH-28C	6-10	10-8	0.6	270

HAND CRIMPING TOOL

Turn left of smart open-knob if the Handles can not be opened due to wrong use.

## KH-35WF & KH-50WF Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
KH-35WF	10-35	8-2	0.64	280
KH-50WF	25-50	4-1/0	0.7	280

## KH-55WF Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
KH-55WF	10-50	8-1/0	0.76	330

## KH-95WF Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
KH-95WF	50-95	1/0-3/0	0.76	330

## KH-150WF Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	MCM		
KH-150WF	120-150	250-300	1	380

## KH-19 C-Connector



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>			
KH-19	6 / 12		0.6	280

## KH-16A & KH-16D Non-Insulated Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>			
KH-16A	0.5-16 (BS)		0.6	290
KH-16D	0.75-16 (GS)		0.6	290

## AA-35C Non-Insulated & Insulated Terminal



Application	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
Non-Insulated T.	16 / 25 / 35 / 50	6-1/0	2.12	409
Insulated T.	10 / 16 / 25 / 35	8-2		

## Hexagon Crimping Tool

With hexagon dies and suitable for normal, BS standard & Germany Standard non-insulated terminal

## HX-4 & HX-10 & HX-16 Non-Insulated Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
HX-4	1-4	18-12	0.6	250
HX-10	2-10	14-8	0.6	270
HX-16	6-16	10-6	0.6	270

## HX-25B & HX-25D Non-Insulated Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>			
HX-25B	6-25 (BS)		0.92	365
HX-25D	6-25 (GS)		0.92	365

Turn left of smart open-knob if the Handles can not be opened due to wrong use.



# HAND CRIMPING TOOL RATCH TYPE

## LY-03C Insulated Terminal & Connector

- R : 0.5-1.5mm<sup>2</sup> AWG20-16
- B : 2.5mm<sup>2</sup> AWG14
- Y : 4-6mm<sup>2</sup> AWG12-10



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-03C	0.5-6	20-10	0.6	230

## LY-04C Insulated Terminal & Connector

- G : 0.14-0.5mm<sup>2</sup> AWG 26-20
- R : 0.75-1.5mm<sup>2</sup> AWG18-16
- B : 2.0-2.5mm<sup>2</sup> AWG14
- Y : 3.5-6mm<sup>2</sup> AWG12-10



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-04C	0.14-6	26-10	0.6	235

## LY-18C Insulated Terminal & Connector



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-18C	10-16	8-6	0.6	230

## LY-13C Close-End Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-13C	0.5-6	20-10	0.6	230

## LY-28C Close-End Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-28C	4-10	12-8	0.6	230

## LY-10&LY-16 Non-Insulated Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-10	1.5-10	16-8	0.6	230
LY-16	2.5-16	14-6	0.6	230

## LY-11 Non-Insulated Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-11	0.1-10	26-8	0.6	230

## LY-08 Non-Insulated Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-08	1.5-10	16-8	0.6	230

## Coaxial Cable Crimping Tool

With Special dies for coaxial cable crimping  
Suitable for RG type cable

### LY-02H RG Type Cable



### LY-05H RG Type Cable



MODEL						
LY-02H	6.5mm	5.4mm		1.72mm		
LY-02H1	6.5mm	5.4mm	3.25mm	2.0mm	1.72mm	1.0mm
LY-05H	8.1mm	6.5mm	5.4mm		2.6mm	1.72mm
LY-1741	4.5mm	3.25mm	3.84mm	2.0mm	1.72mm	1.0mm
LY-891	10.8mm		3.25mm		2.5mm	
LY-06H	10.8mm				2.6mm	
LY-07H	8.9mm	8.1mm	6.5mm			
LY-457	11mm	8.2mm	5.4mm			

HAND CRIMPING TOOL

**LY-03B Non-Insulated Receptacle & Tab Terminal**


Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
LY-03B	6.3	0.5-6	20-10	0.6	230

**LY-48B Non-Insulated Receptacle & Tab Terminal**


Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
LY-48B	4.8/2.8	0.14-2.5	26-14	0.6	230

**LY-63B Non-Insulated Receptacle & Tab Terminal**


Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
LY-63B	6.3	0.25-6	22-10	0.6	230

**LY-03BM Non-Insulated Receptacle & Tab Terminal**

*By precise machining*



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
LY-03BM	6.3	0.5-6	20-10	0.6	230

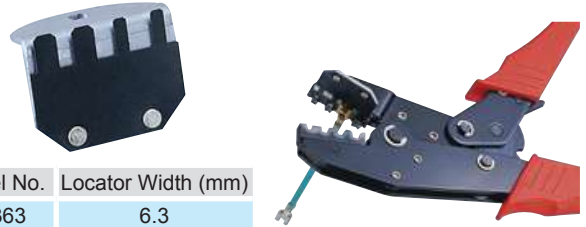
**LY-03B63L & LY-03B48L & LY-48B48L**

Non-Insulated Receptacle & Tab Terminal



*With Locator*

Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
LY-03B63L	6.3	0.5-6	20-10	0.6	230
LY-03B48L	4.8	0.5-6	20-10	0.6	230
LY-48B48L	4.8	0.14-2.5	26-14	0.6	230

**L0363 & L0348 & L4848 Locator**


Model No.	Locator Width (mm)
L0363	6.3
L0348	4.8
L4848	4.8/2.8

**LY-04B Non-Insulated Receptacle & Tab Terminal**


Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
LY-04B	6.3	0.5-6	20-10	0.6	230

**LY-29B Non-Insulated Receptacle & Tab Terminal**


Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
LY-29B	2.8	0.14-1.5	26-16	0.6	230

**LY-S1 Solar Terminal**


Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-S1	2.5/4/6	14/12/10	0.6	230

**LY-S2 Solar Terminal**


Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-S2	2.5/4/6	14/12/10	0.6	230

# HAND CRIMPING TOOL RATCH TYPE

## LY-04WF & LY-06WF & LY-10WF

Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-04WF	0.5-4	20-12	0.6	230
LY-06WF	0.5-6	20-10	0.6	230
LY-10WF	1-10	18-8	0.6	230

## LY-06WF2C End Sleeves & Pre-Insulated Terminal



Crimping Range			Weight (kg)	Length (mm)
Application	mm <sup>2</sup>	AWG		
End Sleeves	0.5-6	20-10	0.6	230
Pre-Insulated T.	0.5-2.5	20-14		

## LY-16WF Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-16WF	6-16	10-5	0.6	230

## LY-06TW & LY-26TW

Wire ferrules & end sleeves & Twin End Sleeves



### Model No. LY-06TW

Crimping Range			Weight (kg)	Length (mm)
Application	mm <sup>2</sup>	AWG		
Wire Ferrules	0.5-6	20-10	0.6	230
End Sleeves				
Twin End Sleeves	2x0.2-2x4			

### Model No. LY-26TW

Crimping Range			Weight (kg)	Length (mm)
Application	mm <sup>2</sup>	AWG		
Twin End Sleeves	2x0.5	2x20-10	0.6	230
	2x0.75			
	2x1			
	2x1.5			
	2x2.5			
	2x4.2x6			

## LY-25WF Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-25WF	10-25	8-3	0.6	230

## LY-35WF Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-35WF	10-35	8-2	0.6	240

## LY-210TW Twin End Sleeves



Crimping Range			Weight (kg)	Length (mm)
Application	mm <sup>2</sup>	AWG		
Twin End Sleeves	2x6	2x10-2x5	0.6	230
	2x10			
	2x16			

## LY-50WF Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-50WF	25-50	3-0	0.6	240

## LY-02H3



Model No.						
	6.48mm	4.52mm	3.25mm	2.0mm	1.69mm	1.0mm
LY-02H3	58, 59, 62, 8X, 140, 141, 174, 210, 223, 303, 400, FIBER OPTIC, BELDEN 8279					

HAND CRIMPING TOOL



## LY-25NWF

Ferrules End Sleeves & Twin End Sleeves



Crimping Range		Weight (kg)	Length (mm)
Application	mm <sup>2</sup>		
Ferrules End Sleeves	10-25	0.6	230
Twin End Sleeves	2x4		
	2x6		
	2x10		

## LY-35NWF

Ferrules End Sleeves & Twin End Sleeves



Crimping Range		Weight (kg)	Length (mm)
Application	mm <sup>2</sup>		
Ferrules End Sleeves	16-35	0.6	230
Twin End Sleeves	2x6		
	2x10		
	2x16		

## LY-50NWF

Ferrules End Sleeves & Twin End Sleeves



Crimping Range		Weight (kg)	Length (mm)
Application	mm <sup>2</sup>		
Ferrules End Sleeves	35-50	0.6	230
Twin End Sleeves	2x16		
	2x25		

## LY-03C3 Insulated Terminal & Connector

- R : 0.5-1.5mm<sup>2</sup> AWG20-16
- B : 2.5mm<sup>2</sup> AWG14
- Y : 4-6mm<sup>2</sup> AWG12-10



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-03C3	0.5-6	20-10	0.6	230

## LY03C-5D

Crimping Tool Kit



Model No.	Description	Dies Model No.
LY03C-5D	LY-03C Tool plus 4 additional dies	DIES(LY-03C) DIES(LY-03B) DIES(LY-04WF) DIES(LY-16WF) DIES(LY-10)

## LY05H-5A

Multi-Function Tool Kit



Model No.	Description	Dies Model No.
LY05H-5A	LY-05H Tool plus 4 additional dies LY-322 Coax-Stripper LY-206 Cutter	DIES(LY-05H) DIES(LY-02H) DIES(LY-02H1) DIES(LY-1741) DIES(LY-457)

## LY568-3A & LY568-3B

Multi-Function Tool Kit



Model No.	Description
LY568-3A	LY-5684 Crimper LY-314KR PD Tool LY-501 Stripper
LY568-3B	LY-5684 Crimper LY-364B PD Tool LY-501 Stripper

# HAND CRIMPING TOOL RATCH TYPE

**LY-01FL** Non-Insulated 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-01FL	0.5-1 / 1.5-2.5	20-18 / 16-14	0.6	230

**LY-04FL** Tab 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-04FL	0.5-1	20-18	0.6	230

**LY-06FL & LY-10FL & LY-16FL**  
Non-Insulated 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-06FL	2.5-6 / 14-10	20-18 / 16-14	0.6	230
LY-10FL	10	8	0.6	230
LY-16FL	16	6	0.6	230

**LY-05FL** Tab 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-05FL	1.5-2.5	16-14	0.6	230

**LY-02FL** Non-Insulated 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-02FL	0.5-1 / 1.5-2.5	20-18 / 16-14	0.6	230

**LY-06PT** Turned Contacts Plug



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-06PT	1.5-6	16-10	0.6	230

**LY-03FL & LY-09FL** Insulated 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-03FL	0.5-1 / 1.5-2.5	20-18 / 16-14	0.6	230
LY-09FL	6	10	0.6	230

**LY-06FT** Termi Foil Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-06FT	3-6	12-10	0.6	230



## LYG-03C Insulated Terminal & Connector

- R : 0.5-1.5mm<sup>2</sup>      AWG20-16
- B : 2.5mm<sup>2</sup>              AWG14
- Y : 4-6mm<sup>2</sup>                AWG12-10



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LYG-03C	0.5-6	20-10	0.6	230

## Coaxial Cable Crimping Tool

With Special dies for coaxial cable crimping  
Suitable for RG type cable

### LYG-02H RG Type Cable



### LYG-02H1 RG Type Cable



### LYG-05H RG Type Cable



### LYG-1741 RG Type Cable



## LYG-10&LYG-16 Non-Insulated Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LYG-10	1.5-10	16-8	0.6	230
LYG-16	2.5-16	14-6	0.6	230

## LYG-08 Non-Insulated Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LYG-08	1.5-10	16-8	0.6	230

## LYG-03B Non-Insulated Receptacle & Tab Terminal



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
LYG-03B	6.3	0.5-6	20-10	0.6	230

MODEL						
LYG-02H	6.5mm	5.4mm		1.72mm		
	55, 58, 59, 62, 140, 141, 142, 223, 303, 400, FIBER OPTIC, BELDEN 8279					
LYG-02H1	6.5mm	5.4mm	3.25mm	2.0mm	1.72mm	1.0mm
	58, 59, 62, 8X, 140, 141, 174, 210, 223, 303, 400, FIBER OPTIC, BELDEN 8279					
LYG-05H	8.1mm	6.5mm	5.4mm		2.6mm	1.72mm
	55, 58, 59, 62, 5, 6, 21, 140, 141, 142, 143, 210, 212, 222, 223, 303, 304, 400 BELDEN 8279, 8281, 9231, 9141					
LYG-1741	4.5mm	3.25mm	3.84mm	2.0mm	1.72mm	1.0mm
	122, 174, 178, 179, 180, 187, 188, 195, 316, FIBER OPTIC, BELDEN 8218					
LYG-891	10.8mm		3.25mm		2.5mm	
	8, 9, 11, 87A, 149, 165, 174, 179, 187, 188, 213, 214, 216, 225, 316, 393, BELDEN 9913					
LYG-06H	10.8mm				2.6mm	
	7C CABLE					
LYG-07H	8.9mm	8.1mm	6.5mm			
	CATV F CONNECTORS, RG59, RG6					
LYG-457	11mm	8.2mm	5.4mm			
	4C, 5C, 7C, CABLE					

# HAND CRIMPING TOOL RATCH TYPE

## LYG-16WF Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LYG-16WF	6-16	10-5	0.6	230

## LYG-25WF Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LYG-25WF	10-25	8-3	0.6	230

## LYG-01FL Non-Insulated 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LYG-01FL	0.5-1 / 1.5-2.5	20-18 / 16-14	0.6	230

## LYG-04WF & LYG-06WF & LYG-10WF

Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LYG-04WF	0.5-4	20-12	0.6	230
LYG-06WF	0.5-6	20-10	0.6	230
LYG-10WF	1-10	18-8	0.6	230

## LYG-02FL Non-Insulated 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LYG-02FL	0.5-1 / 1.5-2.5	20-18 / 16-14	0.6	230

## LYG-03FL & LYG-09FL Insulated 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LYG-03FL	0.5-1 / 1.5-2.5	20-18 / 16-14	0.6	230
LYG-09FL	6	10	0.6	230

## LYG-04FL Tab 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LYG-04FL	0.5-1	20-18	0.6	230

## LYG-05FL Tab 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LYG-05FL	1.5-2.5	16-14	0.6	230

### AN-03C Insulated Terminal & Connector

- R: 0.5-1.5mm<sup>2</sup>      AWG20-16
- B: 2.5mm<sup>2</sup>      AWG14
- Y: 4-6mm<sup>2</sup>      AWG12-10



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
AN-03C	0.5-6	20-10	0.6	230

### AN-04C Insulated Terminal & Connector

- G: 0.14-0.5mm<sup>2</sup>      AWG 26-20
- R: 0.75-1.5mm<sup>2</sup>      AWG18-16
- B: 2.0-2.5mm<sup>2</sup>      AWG14
- Y: 3.5-6mm<sup>2</sup>      AWG12-10



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
AN-04C	0.14-6	26-10	0.6	230

### AN-18C Insulated Terminal & Connector



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
AN-18C	10-16	8-6	0.6	230

### AN-13C Close-End Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
AN-13C	0.5-6	20-10	0.6	230

### AN-28C Close-End Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
AN-28C	4-10	12-8	0.6	230

### AN-10 & AN-16 Non-Insulated Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
AN-10	1.5-10	16-8	0.6	230
AN-16	2.5-16	14-6	0.6	230

### Coaxial Cable Crimping Tool

With special dies for coaxial cable crimping  
Suitable for RG type cable

#### AN-02H RG Type Cable



#### AN-05H RG Type Cable



MODEL						
AN-02H		6.5mm	5.4mm		1.72mm	
	55, 58, 59, 62, 140, 141, 142, 223, 303, 400, FIBER OPTIC, BELDEN 8279					
AN-02H1	6.5mm	5.4mm	3.25mm	2.0mm	1.72mm	1.0mm
	58, 59, 62, 8X, 140, 141, 174, 210, 223, 303, 400, FIBER OPTIC, BELDEN 8279					
AN-05H	8.1mm	6.5mm	5.4mm		2.6mm	1.72mm
	55, 58, 59, 62, 5, 6, 21, 140, 141, 142, 143, 210, 212, 222, 223, 303, 304, 400 BELDEN 8279, 8281, 9231, 9141					
AN-1741	4.5mm	3.25mm	3.84mm	2.0mm	1.72mm	1.0mm
	122, 174, 178, 179, 180, 187, 188, 195, 316, FIBER OPTIC, BELDEN 8218					
AN-891	10.8mm		3.25mm		2.5mm	
	8, 9, 11, 87A, 149, 165, 174, 179, 187, 188, 213, 214, 216, 225, 316, 393, BELDEN 9913					
AN-06H	10.8mm				2.6mm	
	7C CABLE					
AN-07H	8.9mm	8.1mm	6.5mm			
	6,58, 5C, 4C, CABLE					
AN-457	11mm	8.2mm	5.4mm			
	4C, 5C, 7C, CABLE					

# HAND CRIMPING TOOL RATCH TYPE

## AN-03B Non-Insulated Receptacle & Tab Terminal



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
AN-03B	6.3	0.5-6	20-10	0.6	230

## AN-48B Non-Insulated Receptacle & Tab Terminal



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
AN-48B	4.8 / 2.8	0.14-2.5	26-14	0.6	230

## AN-63B Non-Insulated Receptacle & Tab Terminal



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
AN-63B	6.3	0.25-6	22-10	0.6	230

## AN-03BM Non-Insulated Receptacle & Tab Terminal

*By Precise Machining*



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
AN-03BM	6.3	0.5-6	20-10	0.6	230

## AN-03B63L & AN-03B48L & AN-48B48L

Non-Insulated Receptacle & Tab Terminal

*With Locator*



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
AN-03B63L	6.3	0.5-6	20-10	0.6	230
AN-03B48L	4.8	0.5-6	20-10	0.6	230
AN-48B48L	4.8 / 2.8	0.14-2.5	26-14	0.6	230

## L0363 & L0348 & L4848 Locator



Model No.	Locator Width (mm)
L0363	6.3
L0348	4.8
L4848	4.8 / 2.8



**AN-01FL** Non-Insulated 90° Flag Terminal


Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
AN-01FL	0.5-1 / 1.5-2.5	20-18 / 16-14	0.6	230

**AN-04FL** Tab 90° Flag Terminal


Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
AN-04FL	0.5-1	20-18	0.6	230

**AN-02FL** Non-Insulated 90° Flag Terminal


Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
AN-02FL	0.5-1 / 1.5-2.5	20-18 / 16-14	0.6	230

**AN-05FL** Tab 90° Flag Terminal


Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
AN-05FL	1.5-2.5	16-14	0.6	230

**AN-06FL & AN-10FL & AN-16FL**

Non-Insulated 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
AN-06FL	2.5-6	14-10	0.6	230
AN-10FL	10	8	0.6	230
AN-16FL	16	6	0.6	230

**AN-06PT** Turned Contacts Plug


Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
AN-06PT	1.5-6	16-10	0.6	230

**AN-03FL & AN-09FL** Insulated 90° Flag Terminal


Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
AN-03FL	0.5-1 / 1.5-2.5	20-18 / 16-14	0.6	230
AN-09FL	6	10	0.6	230

**AN03C-5D** Crimping Tool Kit


Model No.	Description	Dies Model No.
AN03C-5D	AN-03C Tool <i>plus 4 additional dies</i>	DIES(AN-03C) DIES(AN-03B) DIES(AN-04WF) DIES(AN-16WF) DIES(AN-10)



# HAND CRIMPING TOOL RATCH TYPE

## AN-04WF & AN-06WF & AN-10WF

Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
AN-04WF	0.5-4	20-12	0.6	230
AN-06WF	0.5-6	20-10	0.6	230
AN-10WF	1-10	18-8	0.6	230

## AN-06WF2C

End Sleeves & Pre-Insulated Terminal



Crimping Range			Weight (kg)	Length (mm)
Application	mm <sup>2</sup>	AWG		
End Sleeves	0.5-6	20-10	0.6	230
Pre-Insulated T.	0.5-2.5	20-14		

## AN-16WF Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
AN-16WF	6-16	10-5	0.6	230

## AN-26TW Twin End Sleeves



Crimping Range			Weight (kg)	Length (mm)
Application	mm <sup>2</sup>	AWG		
Twin End Sleeves	2x0.5	2x20-10	0.6	230
	2x0.75			
	2x1			
	2x1.5			
	2x2.5			
	2x4.2x6			

## AN-25WF Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
AN-25WF	10-25	8-3	0.6	230

## AN-210TW Twin End Sleeves



Crimping Range			Weight (kg)	Length (mm)
Application	mm <sup>2</sup>	AWG		
Twin End Sleeves	2x6	2x10-2x5	0.6	230
	2x10			
	2x16			

## AN-35WF Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
AN-35WF	10-35	8-2	0.6	240

## AN-50WF Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
AN-50WF	25-50	3-0	0.6	240

### BN-03C Insulated Terminal & Connector

- R: 0.5-1.5mm<sup>2</sup> AWG20-16
- B: 2.5mm<sup>2</sup> AWG14
- Y: 4-6mm<sup>2</sup> AWG12-10



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-03C	0.5-6	20-10	0.6	260

### BN-04C Insulated Terminal & Connector

- G: 0.14-0.5mm<sup>2</sup> AWG 26-20
- R: 0.75-1.5mm<sup>2</sup> AWG18-16
- B: 2.0-2.5mm<sup>2</sup> AWG14
- Y: 3.5-6mm<sup>2</sup> AWG12-10



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-04C	0.14-6	26-10	0.6	265

### BN-18C Insulated Terminal & Connector



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-18C	10-16	8-6	0.6	260

### BN-13C Close-End Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-13C	0.5-6	20-10	0.6	260

### BN-28C Close-End Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-28C	4-10	12-8	0.6	260

### BN-10 & BN-16 Non-Insulated Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-10	1.5-10	16-8	0.6	260
BN-16	2.5-16	14-6	0.6	260

### Coaxial Cable Crimping Tool

With special dies for coaxial cable crimping  
Suitable for RG type cable

#### BN-02H RG Type Cable



#### BN-05H RG Type Cable



MODEL						
BN-02H		6.5mm	5.4mm		1.72mm	
	55, 58, 59, 62, 140, 141, 142, 223, 303, 400, FIBER OPTIC, BELDEN 8279					
BN-02H1	6.5mm	5.4mm	3.25mm	2.0mm	1.72mm	1.0mm
	58, 59, 62, 8X, 140, 141, 174, 210, 223, 303, 400, FIBER OPTIC, BELDEN 8279					
BN-05H	8.1mm	6.5mm	5.4mm		2.6mm	1.72mm
	55, 58, 59, 62, 5, 6, 21, 140, 141, 142, 143, 210, 212, 222, 223, 303, 400, BELDEN 8279, 8281, 9231, 9141					
BN-1741	4.5mm	3.25mm	3.84mm	2.0mm	1.72mm	1.0mm
	122, 174, 178, 179, 180, 187, 188, 195, 316, FIBER OPTIC, BELDEN 8218					
BN-891	10.8mm		3.25mm		2.5mm	
	8, 9, 11, 87A, 149, 165, 174, 179, 187, 188, 213, 214, 216, 225, 316, 393, BELDEN 9913					
BN-06H	10.8mm				2.6mm	
	7C CABLE					
BN-07H	8.9mm	8.1mm	6.5mm			
	6.58, 5C, 4C, CABLE					
BN-457	11mm	8.2mm	5.4mm			
	4C, 5C, 7C, CABLE					

# HAND CRIMPING TOOL RATCH TYPE

## BN-03B Non-Insulated Receptacle & Tab Terminal



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
BN-03B	6.3	0.5-6	20-10	0.6	260

## BN-48B Non-Insulated Receptacle & Tab Terminal



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
BN-48B	4.8 / 2.8	0.14-2.5	26-14	0.6	260

## BN-63B Non-Insulated Receptacle & Tab Terminal



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
BN-63B	6.3	0.25-6	22-10	0.6	260

## BN-03BM Non-Insulated Receptacle & Tab Terminal

*By Precise Machining*



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
BN-03BM	6.3	0.5-6	20-10	0.6	260

## BN-03B63L & BN-03B48L & BN-48B48L

Non-Insulated Receptacle & Tab Terminal

*With Locator*



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
BN-03B63L	6.3	0.5-6	20-10	0.6	260
BN-03B48L	4.8	0.5-6	20-10	0.6	260
BN-48B48L	4.8	0.14-2.5	26-14	0.6	260

## BN-03C8 Heat Shrink Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-03C8	0.5-10	22-8	0.6	265

### BN-01FL Non-Insulated 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-01FL	0.5-1 / 1.5-2.5	20-18 / 16-14	0.6	260

### BN-04FL Tab 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-04FL	0.5-1	20-18	0.6	260

### BN-02FL Non-Insulated 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-02FL	0.5-1 / 1.5-2.5	18 / 16-14	0.6	260

### BN-05FL Tab 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-05FL	1.5-2.5	16-14	0.6	260

### BN-06FL & BN-10FL & BN-16FL Non-Insulated 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-06FL	2.5-6	14-10	0.6	260
BN-10FL	10	8	0.6	260
BN-16FL	16	6	0.6	260

### BN-06PT Turned Contacts Plug



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-06PT	1.5-6	16-10	0.6	260

### BN03C-5D Crimping Tool Kit



### BN-03FL & BN-09FL Insulated 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-03FL	0.5-1 / 1.5-2.5	20-18 / 16-14	0.6	260
BN-09FL	6	10	0.6	260

Model No.	Description	Dies Model No.
BN03C-5D	BN-03C Tool <i>plus 4 additional dies</i>	DIES(BN-03C) DIES(BN-03B) DIES(BN-04WF) DIES(BN-16WF) DIES(BN-10)



# HAND CRIMPING TOOL RATCH TYPE

## BN-04WF & BN-06WF & BN-10WF

Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-04WF	0.5-4	20-12	0.6	260
BN-06WF	0.5-6	20-10	0.6	260
BN-10WF	1-10	18-8	0.6	260

## BN-16WF Wire ferrules & end sleeves



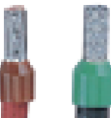
Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-16WF	6-16	10-5	0.6	260

## BN-25WF Wire ferrules & end sleeves



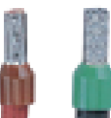
Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-25WF	10-25	8-3	0.6	260

## BN-35WF Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-35WF	10-35	8-2	0.6	270

## BN-50WF Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
BN-50WF	25-50	3-0	0.6	270

## BN-06WF2C

End Sleeves & Pre-Insulated Terminal



Crimping Range			Weight (kg)	Length (mm)
Application	mm <sup>2</sup>	AWG		
End Sleeves	0.5-6	20-10	0.6	260
Pre-Insulated T.	0.5-2.5	20-14		

## BN-26TW Twin End Sleeves



Crimping Range			Weight (kg)	Length (mm)
Application	mm <sup>2</sup>	AWG		
Twin End Sleeves	2x0.5	2x20-10	0.6	260
	2x0.75			
	2x1			
	2x1.5			
	2x2.5			
	2x4.2x6			

## BN-210TW Twin End Sleeves



Crimping Range			Weight (kg)	Length (mm)
Application	mm <sup>2</sup>	AWG		
Twin End Sleeves	2x6	2x10-2x5	0.6	270
	2x10			
	2x16			

HAND CRIMPING TOOL



**SN-01C Insulated Terminal**

- ◻ W: 0.08-0.25mm<sup>2</sup>    AWG28-24
- ◻ G: 0.25-0.5mm<sup>2</sup>    AWG24-20
- ◻ Y: 0.75-1.5mm<sup>2</sup>    AWG18-16



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
SN-01C	0.08-1.5	28-16	0.35	190

**SN-02WF2C**

Plug End Sleeves &amp; Pre-Insulated Terminal



Application	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
Plug End Sleeves	0.25-2.5	24-14	0.35	195
Pre-Insulated T.	0.5-2.5	20-14		

**SN-02C Insulated Terminal**

- ◻ G: 0.25-0.5mm<sup>2</sup>    AWG24-20
- ◻ R: 0.75-1.5mm<sup>2</sup>    AWG18-16
- ◻ B: 2.0-2.5mm<sup>2</sup>    AWG14



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
SN-02C	0.25-2.5	24-14	0.35	190

**SN-02WF End Sleeves**


Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
SN-02WF	0.14-2.5	26-14	0.35	190

**SN-02 Non-Insulated Terminal**


Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
SN-02	0.25-2.5	24-14	0.35	190

**SN-06WF End Sleeves**


Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
SN-06WF	0.25-6	24-10	0.35	190

**SN-06 Non-Insulated Terminal**


Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
SN-06	0.5-6	20-10	0.35	190

**SN-16WF End Sleeves**


Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
SN-16WF	6-16	10-5	0.35	190

# HAND CRIMPING TOOL 7.5" LENGTH RATCH TYPE

## SN-04PT Turned Contacts Plug



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
SN-04PT	0.14-4	26-12	0.35	190

## SN-06PT Turned Contacts Plug



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
SN-06PT	1.5-6	16-10	0.35	190

## SN-01B D-Sub Connector



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
SN-01B	0.08-0.5	28-20	0.35	190

## SN-01BM D-Sub Connector *By Precise Machining*



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
SN-01BM	0.08-0.5	28-20	0.35	190

## SN-01BM2 D-Sub Connector *By Precise Machining*



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
SN-01BM2	0.08-0.5	28-20	0.35	190

## SN-15RC Rolled Contact



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
SN-15RC	0.5-1.5	20-16	0.35	190

## SN-02B Non-Insulated Receptacle & Tab Terminal



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
SN-02B	6.3 / 4.8	0.5-2.5	20-14	0.35	190

## SN-28B Non-Insulated Receptacle & Tab Terminal



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
SN-28B	2.8	0.25-1	24-18	0.35	190

## SN-48B Non-Insulated Receptacle & Tab Terminal



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
SN-48B	4.8	0.14-1.5	26-16	0.35	190

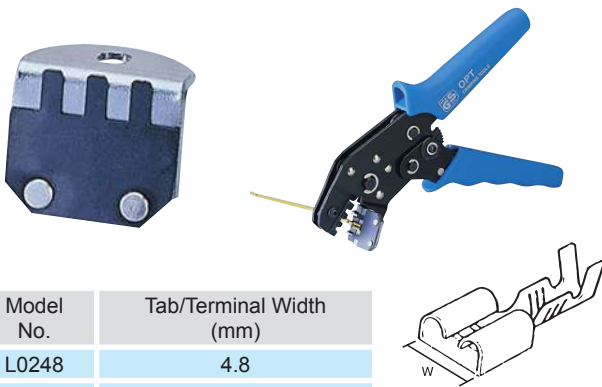
## SN-02B48L & SN-28B28L & SN-48B48L

Non-Insulated Receptacle & Tab Terminal  
**With Locator**



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
SN-02B48L	6.3 / 4.8	0.5-2.5	20-14	0.35	190
SN-28B28L	2.8	0.25-1	24-18	0.35	190
SN-48B48L	4.8	0.14-1.5	26-16	0.35	190

## L0248 & L2828 Locator



Model No.	Tab/Terminal Width (mm)
L0248	4.8
L2828	2.8

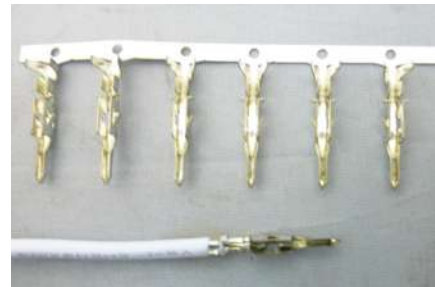
## SN02C-5D Crimping Tool Kit



Model No.	Description	Dies Model No.
SN02C-5D	SN-02C Tool plus 4 additional dies	DIES(SN-02C) DIES(SN-02B) DIES(SN-02WF) DIES(SN-06WF) DIES(SN-02)

## SN-01BM3

For ATX/PCI/EPs/Molex Female Connector Pin Crimping



## Coaxial Cable Crimping Tool

With special dies for coaxial cable crimping  
 Suitable for RG type cable

## SN-03H RG Type Cable



MODEL	Hexagonal Die		Hexagonal Die		Hexagonal Die	
	mm	mm	mm	PIN	PIN	PIN
SN-02H	6.5mm	5.4mm		1.72mm	1.0	
	55, 58, 59, 62, 140, 141, 223, 303, 400, FIBER OPTIC BELDEN 8279					
SN-03H	4.5mm	3.25mm	3.84mm		1.72mm	1.0mm
	122, 174, 178, 179, 180, 187, 188, 195, 316, FIBER OPTIC BELDEN 8218					
SN-04H	5.4mm	4.52mm			1.7	1.0
	58, 174					
SN-5174	6.5	3.70			1.0	0.7
	59, 174					

Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
SN-01BM3	0.05-0.8	30-18	0.35	190



# HAND CRIMPING TOOL TWO-COLOUR HANDLE RATCH TYPE

## FN-03C Insulated Terminal & Connector

- R : 0.5-1.5mm<sup>2</sup> AWG20-16
- B : 2.5mm<sup>2</sup> AWG14
- Y : 4-6mm<sup>2</sup> AWG12-10



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-03C	0.5-6	20-10	0.6	230

## FN-04C Insulated Terminal & Connector

- G : 0.14-0.5mm<sup>2</sup> AWG 26-20
- R : 0.75-1.5mm<sup>2</sup> AWG18-16
- B : 2.0-2.5mm<sup>2</sup> AWG14
- Y : 3.5-6mm<sup>2</sup> AWG12-10



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-04C	0.14-6	26-10	0.6	235

## FN-18C Insulated Terminal & Connector



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-18C	10-16	8-6	0.6	230

## FN-13C Close-End Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-13C	0.5-6	20-10	0.6	230

## FN-28C Close-End Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-28C	4-10	12-8	0.6	230

## FN-10 & FN-16 Non-Insulated Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-10	1.5-10	16-8	0.6	230
FN-16	2.5-16	14-6	0.6	230

## Coaxial Cable Crimping Tool

With special dies for coaxial cable crimping  
Suitable for RG type cable

### FN-02H RG Type Cable

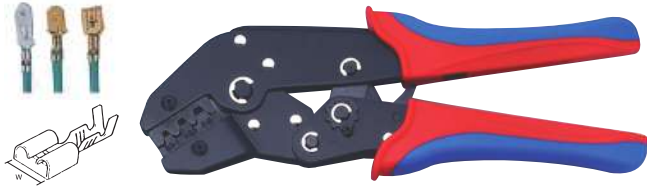


### FN-05H RG Type Cable



MODEL						
FN-02H		6.5mm	5.4mm		1.72mm	
FN-02H1	6.5mm	5.4mm	3.25mm	2.0mm	1.72mm	1.0mm
FN-05H	8.1mm	6.5mm	5.4mm		2.6mm	1.72mm
FN-1741	4.5mm	3.25mm	3.84mm	2.0mm	1.72mm	1.0mm
FN-891	10.8mm		3.25mm		2.5mm	
FN-06H	10.8mm				2.6mm	
FN-07H	8.9mm	8.1mm	6.5mm			
FN-457	11mm	8.2mm	5.4mm			

### FN-03B Non-Insulated Receptacle & Tab Terminal



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
FN-03B	6.3	0.5-6	20-10	0.6	230

### FN-03BM Non-Insulated Receptacle & Tab Terminal *By Precise machining*



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
FN-03BM	6.3	0.5-6	20-10	0.6	230

### FN-48B Non-Insulated Receptacle & Tab Terminal



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
FN-48B	4.8 / 2.8	0.14-2.5	26-14	0.6	230

### FN-63B Non-Insulated Receptacle & Tab Terminal



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
FN-63B	6.3	0.25-6	22-10	0.6	230

### FN-29B Non-Insulated Receptacle & Tab Terminal



Model No.	Tab Width (mm)	Crimping Range		Weight (kg)	Length (mm)
		mm <sup>2</sup>	AWG		
FN-29B	2.8	0.1-1	28-18	0.6	230

### FN03C-5D Crimping Tool Kit

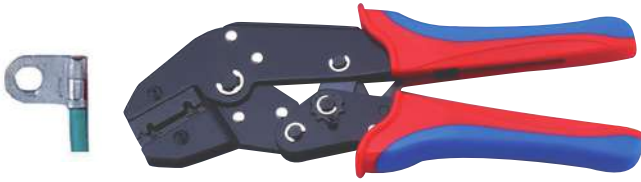


Model No.	Description	Dies Model No.
FN03C-5D	FN-03C Tool <i>plus 4 additional dies</i>	DIES(FN-03C) DIES(FN-03B) DIES(FN-04WF) DIES(FN-16WF) DIES(FN-10)



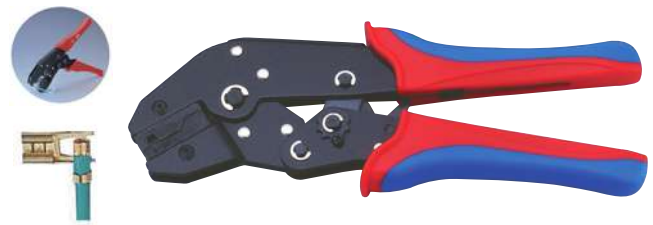
# HAND CRIMPING TOOL TWO-COLOUR HANDLE RATCH TYPE

**FN-01FL** Non-Insulated 90° Flag Terminal



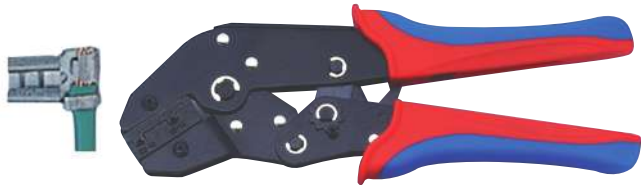
Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-01FL	0.5-1 / 1.5-2.5	20-18 / 16-14	0.6	230

**FN-04FL** Tab 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-04FL	0.5-1	20-18	0.6	230

**FN-02FL** Non-Insulated 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-02FL	0.5-1 / 1.5-2.5	18 / 16-14	0.6	230

**FN-05FL** Tab 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-05FL	1.5-2.5	16-14	0.6	230

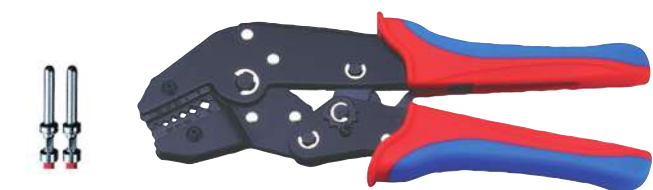
**FN-06FL & FN-10FL & FN-16FL**

*Non-Insulated 90° Flag Terminal*



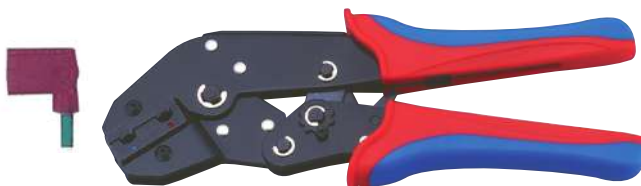
Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-06FL	2.5-6	14-10	0.6	230
FN-10FL	10	8	0.6	230
FN-16FL	16	6	0.6	230

**FN-06PT** Turned Contacts Plug



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-06PT	1.5-6	16-10	0.6	230

**FN-03FL & FN-09FL** Insulated 90° Flag Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-03FL	0.5-1 / 1.5-2.5	20-18 / 16-14	0.6	230
FN-09FL	6	10	0.6	230

**FN-06FT** Termi Foil Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-06FT	3-6	12-10	0.6	230

HAND CRIMPING TOOL

## FN-04WF & FN-06WF & FN-10WF

Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-04WF	0.5-4	20-12	0.6	230
FN-06WF	0.5-6	20-10	0.6	230
FN-10WF	1-10	18-8	0.6	230

## FN-16WF

Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-16WF	6-16	10-5	0.6	230

## FN-25WF

Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-25WF	10-25	8-3	0.6	230

## FN-35WF

Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-35WF	10-35	8-2	0.6	240

## FN-50WF

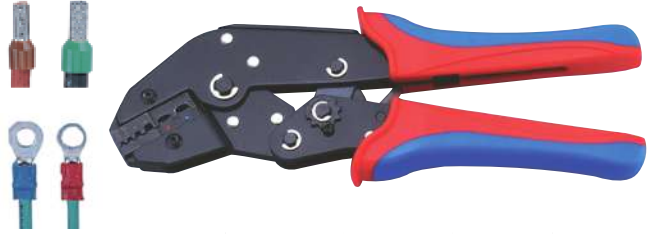
Wire ferrules & end sleeves



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
FN-50WF	25-50	3-0	0.6	240

## FN-06WF2C

End Sleeves & Pre-Insulated Terminal



Application	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
End Sleeves	0.5-6	20-10	0.6	230
Pre-Insulated T.	0.5-2.5	20-14		

## FN-06TW & FN-26TW

Wire ferrules & end sleeves & Twin End Sleeves



### Model No. FN-06TW

Application	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
Wire Ferrules End Sleeves	0.5-6	20-10	0.6	230
Twin End Sleeves	2x0.2-2x4			

### Model No. FN-26TW

Application	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
Twin End Sleeves	2x0.5 2x0.75 2x1 2x1.5 2x2.5 2x4.2x6	2x20-10	0.6	230

## FN-210TW

Twin End Sleeves



Application	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
Twin End Sleeves	2x6 2x10 2x16	2x10-2x5	0.6	230

# HAND CRIMPING TOOL

## LY-202A *With cutter*

Butt-Insulated Connectors & Telephone Spade Lug & Non-Insulated Solder Connectors & Terminals



Crimping Range		Weight (kg)	Length (mm)
Application	AWG		
Computer Pins & Sockets/D-Sub	26-28	0.25	185
Butt-Insulated Connectors	22-26		
Telephone Piercing Spade Lug	22-26		
Open Barrel Connectors	20-22		
Open Barrel Connectors	14-18		

## LY-202B *With cutter*

Butt-Insulated Connectors & Telephone Spade Lug & Non-Insulated Solder Connectors & Terminals



Crimping Range		Weight (kg)	Length (mm)
Application	AWG		
Computer Pins & Sockets/D-Sub	26-28	0.25	185
Butt-Insulated Connectors	22-26		
Telephone Piercing Spade Lug	22-26		
Open Barrel Connectors	20-22		
Open Barrel Connectors	14-18		
Non-Insulated Terminals	10-14		

## LY-145 & LY-146 D-Subminiature Contacts



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-145	0.14-0.5	20-25	0.26	165
LY-146	0.5-4	12-20	0.26	165

## LY-291 & LY-291A Non-Insulated Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>			
LY-291	0.75 / 1 / 1.5 / 2.5 / 4 / 6 / 10 / 16		0.23	225
LY-291A	10 / 16 / 25 / 35		0.23	225

## ES-3 End Sleeves Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>			
ES-3	0.25-2.5		0.2	165

## ES-16 End Sleeves Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>			
ES-16	0.5-16		0.3	190

## ES-3A



## ES-16A



Model No.	Crimping Range (mm <sup>2</sup> )	Quantity of Cord End Terminal	Size of Cord End Terminal
ES-3A	0.25-2.5	150 pcs	0.50 (30pcs)
			0.75 (30pcs)
			1.00 (30pcs)
			1.50 (30pcs)
			2.50 (30pcs)
ES-16A	0.5-16	140 pcs	0.50 (25pcs)
			0.75 (25pcs)
			1.00 (25pcs)
			1.50 (20pcs)
			2.50 (15pcs)
			4.00 (10pcs)
			6.00 (10pcs)
			10.00 (5pcs)
16.00 (5pcs)			

## ES-3WF & ES-6WF End Sleeves Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>			
ES-3WF	0.25 / 0.5 / 0.75 / 1 / 1.5 / 2.5		0.42	145
ES-6WF	1.5 / 2.5 / 4 / 6		0.42	145

## KH-120 Cable Lug & Aluminum & Copper

**With Non-Ratchet Adjusting Screw**

Cable Lug: 10-95mm<sup>2</sup>

Aluminum: AWG8-4/0

Copper: AWG8-250MCM



Model No.	Crimping Range			Weight (kg)	Length (mm)
	DIN (mm <sup>2</sup> )	AWG	JIS (mm <sup>2</sup> )		
KH-120	10-95	8-4/0	8-80	2.8	558

## KH-150 Cable Lug & Aluminum & Copper

**With Non-Ratchet Adjusting Screw**

Cable Lug: 10-120mm<sup>2</sup>

Aluminum: AWG8-4/0

Copper: AWG8-250MCM



Model No.	Crimping Range			Weight (kg)	Length (mm)
	DIN (mm <sup>2</sup> )	AWG	JIS (mm <sup>2</sup> )		
KH-150	10-120	8-250	8-100	3.5	595

## KH-170 Cable Lug & Aluminum & Copper

**With Non-Ratchet Adjusting Screw**



Application	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
Cable Lug	10-150		3.8	660
Aluminum		8-250MCM		
Copper		8-300MCM		

## KH-230 Cable Lug & Aluminum & Copper

**With Non-Ratchet Adjusting Screw & Telescopic Lever**



Application	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
Cable Lug	10-240		4.8	978
Aluminum		8-400MCM		
Copper		8-500MCM		

## HX-160 & HX-240 & HX-400

Non-Insulated Terminal

**With Movable Revolving Dies & Telescopic Lever**



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
HX-160	70-150	2/0-300	4.8	978
HX-240	120-240	250-500	4.8	978
HX-400	185-400	300-750	4.8	978

## CT-38 Non-Insulated Terminal

**With Movable Revolving Dies**



Model No.	Crimping Range			Weight (kg)	Length (mm)
	DIN (mm <sup>2</sup> )	AWG	JIS (mm <sup>2</sup> )		
CT-38	10 / 16 / 25 / 35	8-2	8 / 14 / 22 / 38	2.9	556

## CT-60 Non-Insulated Terminal

**With Movable Revolving Dies**



Model No.	Crimping Range			Weight (kg)	Length (mm)
	DIN (mm <sup>2</sup> )	AWG	JIS (mm <sup>2</sup> )		
CT-60	16 / 25 / 35 / 50-70	6-2/0	14 / 22 / 38 / 60	3.8	676

## CT-80 Non-Insulated Terminal

**With Movable Revolving Dies**



Model No.	Crimping Range			Weight (kg)	Length (mm)
	DIN (mm <sup>2</sup> )	AWG	JIS (mm <sup>2</sup> )		
CT-80	10 / 16 / 25 / 35 / 50-70 / 95	8-3/0	8 / 14 / 22 / 38 / 60 / 80	3.9	638

## CT-100 & CT-150 Non-Insulated Terminal

**With Movable Revolving Dies**



Model No.	Crimping Range			Weight (kg)	Length (mm)
	DIN (mm <sup>2</sup> )	AWG	JIS (mm <sup>2</sup> )		
CT-100	25 / 35 / 50-70 / 95 / 120	4-4/0	22 / 38 / 60 / 80 / 100	4.9	676
CT-150	16-150	4-300MCM	14-150	4.9	710



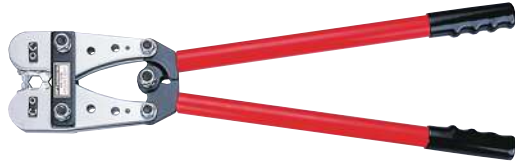
## HX-N120B

Cable Lugs & BS Standard Copper Terminal



## HX-120B

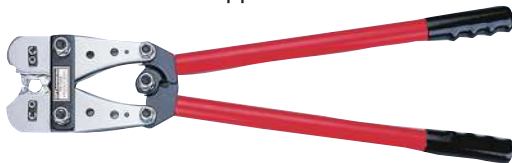
Cable Lugs & BS Standard Copper Terminal



Model No.	Application	Crimping Range mm <sup>2</sup>	Weight (kg)	Length (mm)
HX-N120B	Cable Lugs BS Copper T.	6-120	3.6	627
HX-120B	Cable Lugs BS Copper T.	10-120	4	620
HX-120G	Cable Lugs Germany Copper T.	10-120	4	620
HX-120D	DIN 46235 Copper T.	10-120	4	620
HX-120A	DIN 48201 Aluminum T.	10-120	4	620
HX-120MW	Cable Lugs Germany Copper T.	10-120	4	620
HX-120N	Australia Copper T.	10-120	4	620
HX-120U	U.S.A. Copper T.	AWG8-4/0	4	620

## HX-150B

Cable Lugs & BS Standard Copper Terminal



Model No.	Application	Crimping Range mm <sup>2</sup>	Weight (kg)	Length (mm)
HX-150B	Cable Lugs BS Copper T.	25-150	4	620
HX-150G	Cable Lugs Germany Copper T.	25-150	4	620
HX-150D	DIN 46235 Copper T.	25-150	4	620
HX-150A	DIN 48201 Aluminum T.	16-120	4	620
HX-150N	Australia Copper T.	25-150	4	620

## HX-245B

*With Telescopic Lever*

Cable Lugs & BS Standard Copper Terminal



Model No.	Application	Crimping Range mm <sup>2</sup>	Weight (kg)	Length (mm)
HX-245B	Cable Lugs BS Copper T.	70-240	5.6	980
HX-245D	DIN 46235 Copper T.	70-240	5.6	980
HX-245A	DIN 48201 Aluminum T.	50-185	5.6	980

## HX-50B

Cable Lugs & BS Standard Copper Terminal



Model No.	Application	Crimping Range mm <sup>2</sup>	Weight (kg)	Length (mm)
HX-50B	Cable Lugs BS Copper T.	6-50	1.3	390
HX-50G	Cable Lugs Germany Copper T.	6-50	1.3	390
HX-50D	DIN 46235 Copper T.	6-50	1.3	390
HX-50A	DIN 48201 Aluminum T.	10-35	1.3	390
HX-50MW	Cable Lugs Germany Copper T.	6-50	1.3	390
HX-50N	Australia Copper T.	6-50	1.3	390
HX-50U	U.S.A. Copper T.	AWG6-1/0	1.3	390
HX-50J	Japan Copper T.	8-60	1.3	390

## Mechanical Crimping Tool

**RHX-95B** *Output: 3 Tons*



Model No.	Application	Crimping Range mm <sup>2</sup>	Weight (kg)	Length (mm)
RHX-95B	Cable Lugs	10-95	1.5	275
RHX-95D	Cable Lugs DIN46235	10-70	1.5	275

## Dies List for RHX-95 Crimping Tools

Standard Copper T.		DIN 46235 Copper T.		DIN 48201 Aluminum T.	
Die No.	Die No.	Die No.	Die No.	Cord No.	Cord No.
B9501	CU10	D9501	CU10		
B9502	CU16	D9502	CU16	AL10	K8
B9503	CU25	D9503	CU25	AL16	K10
B9504	CU35	D9504	CU35	AL25	K12
B9505	CU50	D9505	CU50	AL35	K14
B9506	CU70	D9506	CU70	AL50	K16
B9507	CU95				

## RHX-185B

*Output: 5 Tons*



Model No.	Application	Crimping Range mm <sup>2</sup>	Weight (kg)	Length (mm)
RHX-185B	Cable Lugs	10-185	2	483
RHX-185D	Cable Lugs DIN46235	10-185	2	483



## CX-1A & CX-1B & CX-1D



*With Telescopic Lever*

Model No.	Crimping Range		Weight (kg)	Length (mm)
	Application	mm <sup>2</sup>		
CX-1A	DIN48201 Aluminum Conductor	25-185	4.5	980
CX-1B	Cable Lugs BS Copper T.	25-300	4.5	980
CX-1D	DIN46235 Copper T.	25-240	4.5	980

## KH-325A & KH-325B & KH-325D



*With Telescopic Lever*

Model No.	Crimping Range		Weight (kg)	Length (mm)
	Application	mm <sup>2</sup>		
KH-325A	DIN48201 Aluminum Conductor	35-300	5	980
KH-325B	Cable Lugs BS Copper T.	35-400	5	980
KH-325D	DIN46235 Copper T.	35-400	5	980

## CX-22A & CX-22B & CX-22D



Model No.	Crimping Range		Weight (kg)	Length (mm)
	Application	mm <sup>2</sup>		
CX-22A	DIN48201 Aluminum Conductor	10-300	4.5	980
CX-22B	Cable Lugs BS Copper T.	10-300	4.5	980
CX-22D	DIN46235 Copper T.	10-300	4.5	980

## OD-59 H-Tap Connector

*With Fiberglass Handle*



Model No.	Output (ton)	Crimping Range		Weight (kg)	Length (mm)
		U-O	U-D		
OD-59	4.5	#2 >< #6	2/0 >< #2	3.3	710
		#6 >< #6	4/0 >< 4/0		

## KH-185A & KH-185B & KH-185D & KH-185N



*With Telescopic Lever*

Model No.	Crimping Range		Weight (kg)	Length (mm)
	Application	mm <sup>2</sup>		
KH-185A	DIN48201 Aluminum Conductor	10-150	4.5	980
KH-185B	Cable Lugs BS Copper T.	10-185	4.5	980
KH-185D	DIN46235 Copper T.	10-185	4.5	980
KH-185N	Australia Copper T.	10-185	4.5	980

## OD59-BG BG-JAW DIE SET H-Tap Connector



Model No.	Crimping Range
OD59-BG	#6-#8

## OD-58BGD3



## OD-58OD3



For H-Tap Connector crimping  
With FRP insulated handles (Anti-voltage Max. 60kV)

Model No.	Output (ton)	Weight (kg)	Length (mm)
OD-58BGD3 OD-58OD3	4.5	3.43	650

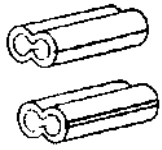
## OD58-BG BG-JAW DIE SET H-Tap Connector



Optional Jaw Die Set	
OD58-BG	OD58-O
BG-JAW	O-JAW
(Burndy W-BG)	(Burndy W-O)

# HAND CRIMPING TOOL INDENT CRIMPING

## Hand Swaging Tool *With Wire Cut* AL Oval Sleeve



Dies: Chrome-Vanadium Steel



HS-24

HS-14

HS-10

Dies: Chrome-Molybdenum Alloy Steel

### HS-20



### HS-25



Model No.	Crimping Range (inch)	Weight (kg)	Length (mm)
HS-10	0.5-1 / 1.5-2 / 2.2 (mm)	0.42	150
HS-14	1/16 / 3/32 / 1/8	0.92	350
HS-24	1/16 / 5/64 / 3/32 / 7/64 / 1/8 / 5/32 / 3/16	2.5	600
HS-20	3/16	2	540
HS-25	1/4	2.3	600

## CT-140 Terminal & Lugs



Model No.	Crimping Range	Weight (kg)
CT-140	AWG16-4/0	0.7

## HS-10B Battery Connector



## HS-35B Battery Connector



Model No.	Crimping Range			Weight (kg)	Length (mm)
	DIN (mm <sup>2</sup> )	AWG	JIS (mm <sup>2</sup> )		
HS-10B	10	8		2.5	540
HS-35B	16-35	6-2	14-36	2.5	540

## HS-35C Non-Insulated Terminal & Insulated Terminal



Application	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
Non-Insulated T.	16 / 25 / 35 / 50	6-1/0	2.5	600
Insulated T.	10 / 16 / 25 / 35	8-2		

## AW-8" Adjustable Wrench

## AW-10" Adjustable Wrench

## AW-12" Adjustable Wrench

- Professional Grinding Head Type: Screw Pin in front of the metric scale.
- 1000V Anti-Voltage: Safer & Protect the operator
- Labor Saving Angle 15°: Small hand & arm fatigue and easy to apply force.
- Jaw Opening Type: Great capacity of different sizes.
- Non-protruding Movable Jaw End: Better ease of use in tight spaces.
- Smooth & Thick Handles: Comfortable experience of holding & ergonomics design.



Model No.	AW-8"	AW-10"	AW-12"
Size	8"	10"	12"
Jaw Material	Chrome Vanadium	Chrome Vanadium	Chrome Vanadium
Jaw Surface Treatment	Black	Black	Black
Length (mm)	210	260	310
Weight (kg)	0.3	0.56	0.85

## LK-156FR



Cutting Range			Weight (kg)	Length (mm)
Application	mm <sup>2</sup>	MCM		
Copper	150	350	1.3	444
Aluminum Cable	150	350		
Communications Cable	DIA. 25mm			

## LK-516FR Max. Opening 32mm



Cutting Range			Weight (kg)	Length (mm)
Application	mm <sup>2</sup>	MCM		
Copper	240	500	2.5	648
Aluminum Cable	500	1000		
Communications Cable	DIA. 32mm			

## LK-246FR



Cutting Range			Weight (kg)	Length (mm)
Application	mm <sup>2</sup>	MCM		
Copper	150	350	1.37	533
Aluminum Cable	240	500		
Communications Cable	DIA. 30mm			

## LK-526FR Max. Opening 31mm



Cutting Range			Weight (kg)	Length (mm)
Application	mm <sup>2</sup>	MCM		
Copper	400	750	2.8	800
Aluminum Cable	500	1000		
Communications Cable	DIA. 31mm			

## LK-326FR



Cutting Range			Weight (kg)	Length (mm)
Application	mm <sup>2</sup>	MCM		
Copper	325	750	1.8	660
Aluminum Cable	325	750		
Communications Cable	DIA. 35mm			

## LK-570FR Max. Opening 42mm



Cutting Range			Weight (kg)	Length (mm)
Application	mm <sup>2</sup>	MCM		
Copper	500	1000	3.3	830
Aluminum Cable	600	1200		
Communications Cable	DIA. 42mm			

**LK-300BV** Copper & Aluminum Cable **Opening: 32mm**  
**With 1000V insulated Handles**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-300BV	300	600MCM	0.6	240

**LK-530BV** Copper & Aluminum Cable **Opening: 52mm**  
**With 1000V insulated Handles**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-530BV	400	750MCM	0.9	280

**LK-327BV** Copper & Aluminum Cable  
**Labor-Saving Type Opening: 32mm**  
**With 1000V insulated Handles**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-327BV	240	600MCM	0.7	250

**Cable Stripper for PE/PR/PVC Cable**  
**PG-3V With 1000V insulated Handles**



Model No.	Stripping Range (mm)	Weight (kg)	Length (mm)
PG-3	Ø26-52	0.70	260

**LK-60AV With 1000V insulated Handles**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-60AV	60	#2/0	0.5	235

**Ratchet Cable Cutter**

**LK-325AV** Copper & Aluminum Cable

**Opening: 32mm**  
**With 1000V insulated Handles**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-325AV	240	600MCM	0.7	250

**LK-520AV** Copper & Aluminum Cable

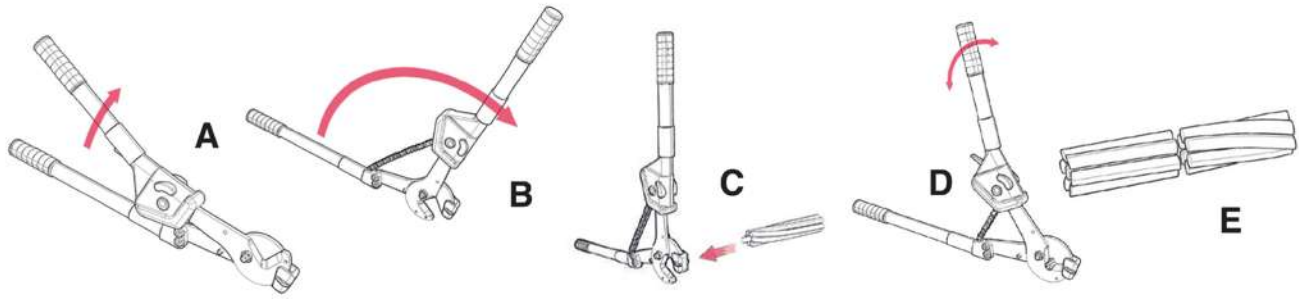
**Opening: 52mm**  
**With 1000V insulated Handles**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-520AV	400	750MCM	0.9	270



**Two cutting actions - Fast scissor** Cutting for small cable, converts automatically to ratchet mode



### AC-300 *With Fiberglass Handle*



Cutting Range			Weight (kg)	Length (mm)
Application	mm <sup>2</sup>	mm		
ACSR	400	25	5	800
Soft Steel Rod	1/2 inch	12.7		

### LK-400A *With Fiberglass Handle*



Cutting Range			Weight (kg)	Length (mm)
Application	mm <sup>2</sup>	mm		
Copper	630	52	5	750
Aluminum Cable	630	52		

### SC-16B *With Bearing*

For wire rope only. Do **not** cut CU/AL wire or ACSR.



Cutting Range		Weight (kg)	Length (mm)
Application	Max. Dia. (mm)		
Wire Rope	16	1.14	230

### SC-30A *With Bearing*

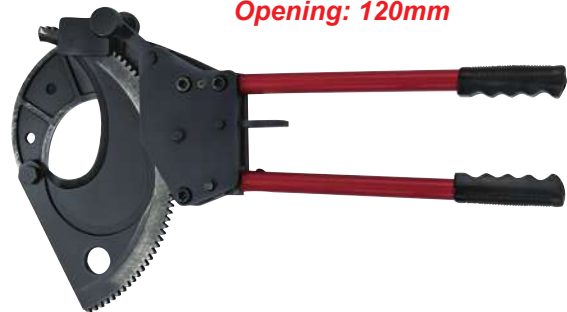
For ACSR only. Do **not** cut CU/AL wire or wire rope.



Cutting Range		Weight (kg)	Length (mm)
Application	Max. Dia. (mm)		
ACSR	30	0.6	240

### LK-1300 Copper & Aluminum Cable

**Opening: 120mm**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-1300	1000	2000MCM	8.5	630

# HAND CABLE CUTTER GENERAL TYPE WITH STEEL Handle

*Cutting blades are made of heavy duty forged steel*

**LK-60A** Copper & Aluminum Cable



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-60A	60	#2/0	0.5	235

**LK-38A** Copper & Aluminum Cable



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-38A	38	#1	0.3	210

**LK-38B** Copper & Aluminum Cable



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-38B	38	#1	0.3	210

**LK-22A** Copper & Aluminum Cable



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-22A	22	#4	0.2	160

**LK-22B** Copper & Aluminum Cable



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-22B	22	#4	0.2	160

**LK-500** Copper & Aluminum Cable



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	MCM		
LK-500	500	1000	3	770

**LK-250** Copper & Aluminum Cable



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	MCM		
LK-250	250	500	1.2	530

**LK-125** Copper & Aluminum Cable



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	MCM		
LK-125	125	250	0.7	300

**AC-100** Rope & Wire Cutter



Cutting Range		Weight (kg)	Length (mm)
Application	Range		
Cable	60mm <sup>2</sup>	0.7	360
Steel Bar	DIA. 5mm		
Wire Rope	DIA. 6mm		

*Cutting blades are made of carbon steel*

**LY-206**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	inch			
LY-206	DIA. 3/8		0.12	167

HAND CABLE CUTTER

## LK-95 & LK-150 Copper & Aluminum Cable



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-95	95	3/0	0.73	310
LK-150	150	300MCM	1.22	460

## LK-325 Copper & Aluminum Cable



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-325	325	600MCM	2.1	600

## LK-550 Copper & Aluminum Cable



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-550	500	1000MCM	3.14	800

## LK-220 Copper & Aluminum Cable



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-220	200	400MCM	0.98	500

## LK-400 Copper & Aluminum Cable



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-400	400	750MCM	1.6	700

## AC-110 Rod & Wire



Cutting Range		Weight (kg)	Length (mm)
Application	Range		
Cable	60mm <sup>2</sup>	0.73	310
Steel Bar	DIA. 5mm		
Wire Rope	DIA. 7mm		

## AC-190 Rod & Wire



Cutting Range		Weight (kg)	Length (mm)
Application	Range		
Cable	100mm <sup>2</sup>	1.1	445
Steel Bar	DIA. 7mm		
Wire Rope	DIA. 10mm		

## AC-200 Rod & Wire



Cutting Range		Weight (kg)	Length (mm)
Application	Range		
Cable	150mm <sup>2</sup>	2.1	600
Steel Bar	DIA. 9mm		
Wire Rope	DIA. 14mm		

## AC-210 ACSR & Rod & Wire



Cutting Range		Weight (kg)	Length (mm)
Application	Range		
Spring Wire	DIA. 4.5mm	2.1	600
Cable	150mm <sup>2</sup>		
Steel Bar	DIA. 9mm		
ACSR	DIA. 15mm		

## MK-250 With aluminum alloy handles



Application	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	MCM		
Copper Cable	250	500	1.6	600
Aluminum Cable				

# HAND CABLE CUTTER

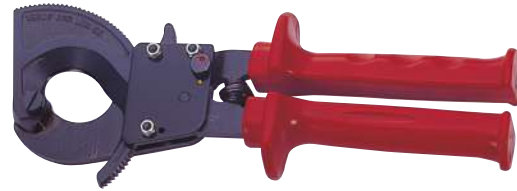
## Ratchet Cable Cutter

**LK-325A** Copper & Aluminum Cable **Opening: 32mm**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-325A	240	600MCM	0.7	250

**LK-300B** Copper & Aluminum Cable **Opening: 32mm**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-300B	300	600MCM	0.6	240

**LK-520A** Copper & Aluminum Cable **Opening: 52mm**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-520A	400	750MCM	0.9	270

**LK-530B** Copper & Aluminum Cable **Opening: 52mm**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-530B	400	750MCM	0.9	280

**LK-450A** Copper & Aluminum Cable **With Bearing**  
**Opening: 42mm**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-450A	400	750MCM	0.96	240

**LK-327B** Copper & Aluminum Cable  
Labor-Saving Type **Opening: 32mm**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-327B	240	600MCM	0.7	250

**LK-320A** Copper & Aluminum Cable **With Bearing**  
**Opening: 32mm**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-320A	325	600MCM	0.94	220

**LK-1000A** Copper & Aluminum Cable  
Telephone Cable



Application	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
Copper & Aluminum Cable	1000	2000MCM	3.5	550
Telephone Cable	DIA. 65mm			

HAND CABLE CUTTER



## Ratchet Cable Cutter

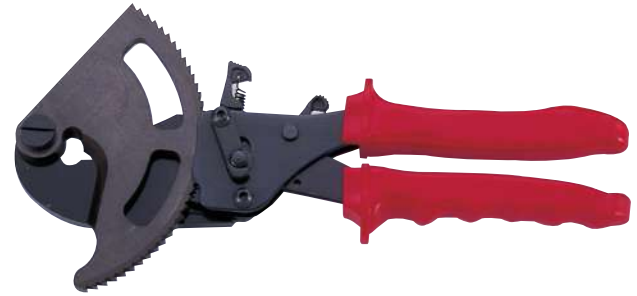
**LK-260A** Copper & Aluminum Cable

**Opening: 25mm**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-260A	240	550MCM	1.3	310

## SC-16A Steel Wire Rope



Model No.	Cutting Range	Weight (kg)	Length (mm)
	mm		
SC-16A	DIA. 16	1	290

## LK-760A Copper & Aluminum Cable

**Opening: 55mm**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-760A	500	1000MCM	0.9	290

## SC-16L Steel Wire Rope



Model No.	Cutting Range	Weight (kg)	Length (mm)
	mm		
SC-16L	DIA. 16	1.3	430

## LK-760L Copper & Aluminum Cable

**Opening: 55mm**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-760L	500	1000MCM	0.9	430

## SC-32A **Opening: 32mm**



Application	Cutting Range		Weight (kg)	Length (mm)
	Range(mm)			
Copper & Aluminum Rod	DIA. 25		1.6	420
ACSR	DIA. 20			
Soft Steel Bar/Rod (Below SS41)	DIA. 10			

## LK-1050L Copper & Aluminum Cable

**Opening: 105mm**



Model No.	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LK-1050L	1000	2000MCM	3.8	680

# HAND CABLE CUTTER

## Wire Rope & Spring Wire Cutter

AC-7



Model No.	Cutting Range		Weight (kg)	Length (mm)
	Wire Rope	Spring Wire		
AC-7	Ø 1/8"	Ø 1/16"	0.2	165

AC-8



Model No.	Cutting Range		Weight (kg)	Length (mm)
	Wire Rope	Spring Wire		
AC-8	Ø 3/16"	Ø 1/16"	0.3	180

## LK-206C Ribbon Cable Cutter



Model No.	Cutting Range (mm)	Weight (kg)	Length (mm)
LK-206C	Max. 30 Width	0.2	168

## LK-206E Coaxial Cable Cutter



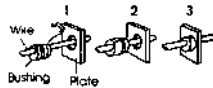
Application	Cutting Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	mm <sup>2</sup>		
RG58 / RG59 / RG6 With steel center conductor	16	0.15	160	

LK-22G



Model No.	Cutting Range (mm)	Weight (kg)	Length (mm)
LK-22G	Cable RG58/RG59/RG6/RG7/RG11 With steel center conductor	0.2	160

## LY-205 6.8" Cord Push Tool



Model No.	Pushing Range of Cord	Weight (kg)	Length (mm)
LY-205	Ø 3/8"-3/4"	0.2	155

## Mini-Purpose Shear

Made of Stainless Steel

KN-228



Model No.	Cutting Application	Weight (kg)	Length (mm)
KN-228	Fiberglass & Aramid Fabrics	0.1	125

LY-925

Made of Stainless Steel HRC50-54



**Cutting Length:42mm**

Model No.	Cutting Application & Range	Weight (kg)	Length (mm)
LY-925	Soft Metal Wire Max. Ø2.5mm	0.2	190

LY-936

**Light Duty Type**

Made of Stainless Steel HRC50-54



Model No.	Cutting Application & Range	Weight (kg)	Length (mm)
LY-936	Soft Metal Wire Max. Ø2.5mm	0.2	165

LY-946

Soft Cable

Made of High Carbon  
Stainless Steel HRC58-60



**Cutting Length:42mm**

Model No.	Cutting Application & Range	Weight (kg)	Length (mm)
LY-946	Soft Cable 22mm <sup>2</sup>	0.19	138

LY-151 **With serrated blade**

For kevlar of fiber optic cable



LY-151C

Made of Highcarbon  
Alloy Steel

Model No.	Cutting Application	Weight (kg)	Length (mm)
LY-151	Fiber Optic	0.14	160
LY-151C	Fiber Optic	0.15	147

HAND CABLE CUTTER

## Steel Strap Cutter

SCP-12



Model No.	Blade Material	Cutting Application & Range	Length (mm)
SCP-12	SAE-6140	Steel Band 20(Width)*1(Thickness)mm	300

SC-18



Model No.	Blade Material	Cutting Application & Range	Length (mm)
SC-18	SAE-6140	Steel Band 32(Width)*1.2(Thickness)mm	420

SC-24



Model No.	Blade Material	Cutting Application & Range	Length (mm)
SC-24	SAE-6140	Steel Band 50(Width)*1.2(Thickness)mm	600

## Wire Fence Splice Crimping Tool with Wire Cutter



With TPR grips  
Cut fence wire while crimping the ferrules  
2 functions in 1 tool

BCN-18



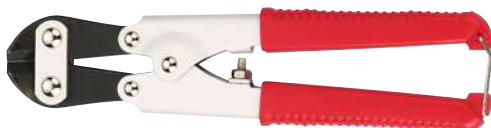
Model No.	Blade Material	Crimping & Cutting Range	Length (mm)
BCN-18	Chrome Vanadium Steel	Wire Fence Splice 18 inches	460

## Powerful Bolt Cutter

MB-8A *With aluminum Handles*



MB-8B *With aluminum Handles*



45°  
Offset  
Blades

## Powerful Bolt Cutter

Powerful and labor-saving  
With unique adjustable bolt screw, easy to cut bolt  
With anti-slip TPR Handle

BC-18M



Material of Blades: Chrome Molybdenum Alloy Steel

Model No.	Length	Max. Cutting Capacity	
		Steel Hardness HRC 15°	Steel Hardness HRC 40°
BC-12M	12"(300mm)	Ø5mm(3/16")	Ø3mm(1/8")
BC-14M	14"(350mm)	Ø7mm(9/32")	Ø4mm(5/32")
BC-18M	18"(450mm)	Ø8mm(5/16")	Ø5mm(3/16")
BC-24M	24"(600mm)	Ø10mm(3/8")	Ø6mm(7/32")
BC-30M	30"(750mm)	Ø13mm(1/2")	Ø7mm(9/32")
BC-36M	36"(900mm)	Ø16mm(5/8")	Ø8mm(5/16")
BC-42M	42"(1050mm)	Ø18mm(7/10")	Ø10mm(3/8")

Material of Blades: Chrome Vanadium Steel

Model No.	Length	Max. Cutting Capacity	
		Steel Hardness HRC 15°	Steel Hardness HRC 35°
BC-12	12"(300mm)	Ø5mm(3/16")	Ø4mm(5/32")
BC-14	14"(350mm)	Ø7mm(9/32")	Ø5mm(3/16")
BC-18	18"(450mm)	Ø8mm(5/16")	Ø6mm(7/32")
BC-24	24"(600mm)	Ø10mm(3/8")	Ø8mm(5/16")
BC-30	30"(750mm)	Ø13mm(1/2")	Ø10mm(3/8")
BC-36	36"(900mm)	Ø16mm(5/8")	Ø11mm(7/16")
BC-42	42"(1050mm)	Ø18mm(7/10")	Ø13mm(1/2")

## Powerful Bolt Cutter

MB-8 *With steel Handles*



MB-8C *With steel Handles*

45°  
Offset  
Blades



Model No.	Max. Cutting Capacity		Weight (kg)	Length (mm)
	Steel Hardness HRC 15°	Steel Hardness HRC 35°		
MB-8	Ø3mm(1/8")	Ø2mm(1/16")	0.28	210
MB-8C	Ø4mm(5/32")	Ø1.5mm	0.28	210

Model No.	Max. Cutting Capacity		Weight (kg)	Length (mm)
	Steel Hardness HRC 15°	Steel Hardness HRC 35°		
MB-8A	Ø3mm(1/8")	Ø2mm(1/16")	0.16	210
MB-8B	Ø3mm(1/8")	Ø2mm(1/16")	0.16	210

# MODULAR MULTI-FUNCTION TOOL



Model No.	Crimping Range	Weight (kg)	Length (mm)
LY-2094	4P4C & 4P2C	0.25	180
LY-2096	6P6C(RJ12) 6P4C(RJ11)	0.25	180
LY-210	8P8C(RJ45)	0.25	180
LY-2180	8P8C(RJ45)	0.25	183
LY-2092	10P10C	0.25	180



Model No.	Crimping Range	Weight (kg)	Length (mm)
LY-5684P	4P4C & 4P2C	0.3	165
LY-5684	8P8C(RJ45) 6P6C(RJ12)	0.38	191
LY-5684R	6P4C(RJ11)	0.38	191



Crimping more types in one, special for solid & stranded wire. Suitable for all standard plugs, like AMP / SS / AT / T License



Model No.	Crimping Range	Weight (kg)	Length (mm)
LY-268	8P8C(RJ45) 6P6C(RJ12)	0.38	203
LY-568	6P4C(RJ11) 6P2C	0.38	185
LY-26B	Normal & British Plug 6P6C(RJ12) 6P4C(RJ11) 6P2C	0.38	203



Model No.	Crimping Range	Weight (kg)	Length (mm)
LY-468	8P8C(RJ45) 6P6C(RJ12)	0.4	202
LY-864	6P4C(RJ11) 4P4C & 4P2C	0.4	228

Model No.	Crimping Range	Weight (kg)	Length (mm)
LY-200R	<b>10P10C</b> AMP 8P8C(RJ45) 6P6C(RJ12) 6P4C(RJ11) 4P4C & 4P2C DEC/OFF SET PLUG 6P6C	0.54	203
LY-2008R	8P8C(RJ45) 6P6C(RJ12) 6P4C(RJ11) 4P4C & 4P2C DEC/OFF SET PLUG 6P6C	0.54	203
LY-500	8P8C(RJ45) 6P6C(RJ12) 6P4C(RJ11)	0.5	192

SMART TOOLS SERIES



## Impact & Punch Down Tool

Setting wire into terminal block  
Cutting off wire ends after setting  
Tool Length: 168mm



LY-3133B



LY-364B



LY-316B

## Replacement Blades

Blades are made of hardened SNCM-21  
Interchangeable / reversible / twistable blades

SMART TOOLS SERIES

Model No.	Blade Type	Terminal Block Type	Reference Picture of Blade
LY-364 LY-354 LY-3133	LY-14T	66	
LY-364A LY-354A LY-3133A	LY-14TA	66 & 110/88	
LY-364B LY-354B LY-3133B LY-316B	LY-14TB	110/88	
LY-364BK LY-354BK	LY-14TBK	Krone	
LY-364K	LY-14TK	Krone with Scissor	
LY-364W LY-3134W	LY-14TW	Bix	
LY-364Q	LY-14TQ	Quante	
LY-364PY LY-3134PY	LY-14TPY	Pouyet	
LY-364SID LY-3134SID	LY-14SID	SID	



LY-314KR



LY-354B

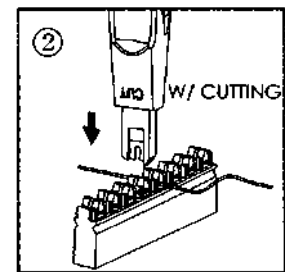
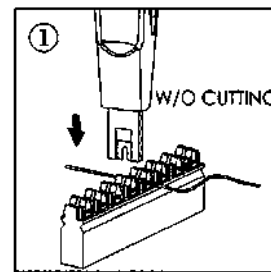


LY-304A

Non-Impact Type

With Cuts

Model No.	Terminal Block Type	Length (mm)
LY-304A	66 & 110/88	127
LY-304B	Krone & 110/88	127
LY-314KR	Krone	118
LY-354B	110/88	108



## LY-315DR

Setting 4-5 pairs UTP(AWG24) at once  
For Terminal Block Type 110(Spair)



Model No.	Application	Length (mm)
LY-315DR	LAN & Telecom	227

# COAXIAL CRIMPING TOOL

## Coaxial Crimping Tool

Special for BNC / TNC / F / N&F Fiber Optic Connector

### LY-106E



Weight: 0.7kg Length: 230mm

Model No.	Hexagon (mm)			Application Range
	mm	mm	mm	
LY-106C	6.48	8.2		RG59/62/6
LY-106D	6.48	5.4	1.725	RG58/59/62
LY-106E	5.4	8.2	11.4	RG6/11/213
LY-106F	2.54	8.2	12.1	RG6/11/213
LY-106G	2.54	8.2	11.4	RG6/11/213 Belden 8281
LY-106H	8.2	9.12		F59/62/6
LY-106L	2.54	9.12	10.3	F59/6/11 UHF58/8
LY-106M	2.54	9.12	12.06	F59/6/11
LY-106N	3.38	3.84	3.1	4.78 ST/SC Fiber Optic
LY-106P	2.41	9.8	11.5	
LY-106Q	8.23	11.94		F59/6/11/213
LY-106R	9.19	12.19		F59/6/11
LY-106S	2.6	10.3		UHF8
LY-106X	1.93	8.6		Twinax CONN
LY-106X1	6.48	1.72	9.14	F59/6

### LY-303 Insulated Terminal



### LY-303N Insulated Terminal



Model No.	Crimping Range		Weight (kg)	Length (mm)
	mm <sup>2</sup>	AWG		
LY-303	0.5-1/1.5-2.5/4-6	22-18/16-14/12-10	0.4	230
LY-303N	0.5-1/1.5-2.5/4-6	22-18/16-14/12-10	0.4	230

## Telecom Splices Crimping Tool

### LY-217



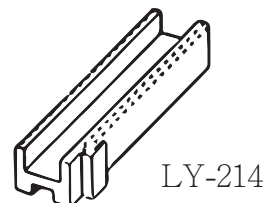
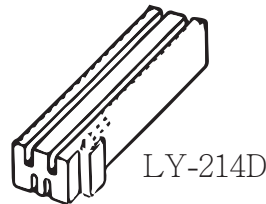
Model No.	Description
LY-217	AWG19-26(UR) AWG22-26(UY) AWG19-26(UG)

## IDC Crimping Fixture & Attachment

### LY-214



Model No.	Description
LY-214	*Crimping IDC-Type connectors on to ribbon cable *Height 6-27.5mm Max. 55mm Width
LY-214D	*Dip plug, special attachment with dual slots *Plug distance(D)=0.1/0.3/0.6mm Max. 58mm Width



SMART TOOLS SERIES

Model No.	F-Connector Crimping	Compressed Distance(mm)	Weight (kg)	Length (mm)
LY-508	RG59(4C) / RG6(5C)	20.3±0.15	0.5	216
LY-508-193	RG59(4C) / RG6(5C)	19.3±0.15	0.5	216
LY-508-197	RG59(4C) / RG6(5C)	19.7±0.15	0.5	216
LY-508-207	RG59(4C) / RG6(5C)	20.7±0.15	0.5	216

Model No.	F-Connector Crimping	Compressed Distance(mm)	Weight (kg)	Length (mm)
LY-518A	RG59(4C) / RG6(5C)	20.3±0.15	0.28	143
LY-518A1	RG59(4C) / RG6(5C)	19.3±0.15	0.28	143
LY-518A2	RG59(4C) / RG6(5C)	19.7±0.15	0.28	143
LY-518A3	RG59(4C) / RG6(5C)	20.7±0.15	0.28	143
LY-518A4	RG59(4C) / RG6(5C)	21.0±0.15	0.28	143

Model No.	F / BNC / RCA Connector Crimping	Weight (kg)	Length (mm)
LY-518G	RG59 & RG6 Cable	0.28	155

Type of Compression Connector	Compression Range			
	Before (±0.20)		After (±0.20)	
	Min.	Max.	Min.	Max.
F	24	33.5	15.9	25.2
BNC	36.1	45.7	28	37.4
RCA	36.1	45.7	28	37.4

Model No.	Compression Range F / BNC / RCA	Weight (kg)	Length (mm)
LY-510B	RG59 & RG6 Cable	0.5	195

Model No.	F-Connector Crimping	Compressed Distance(mm)	Weight (kg)	Length (mm)
LY-548A1	RG59(4C) / RG6(5C)	15.5-22.6	0.3	174
	RG11	30.5-37.3		

## LY-508C



Model No.	F-Connector Conic Crimping	Weight (kg)	Length (mm)
LY-508C	RG-G(5C)	0.55	230

## LY-508



## LY-518A



## LY-518G



## LY-510B *With length adjustment*



## LY-548A1



Connector Type	F	BNC	RCA	IEC	Mini F
Connector Drawing					
Compressed Distance	20.3±0.2mm	33.8±0.2mm	31.8±0.2mm	34.8±0.2mm	16.0±0.2mm

# WIRE & CABLE STRIPPER

## Cable Stripper for PE/PR/PVC Cable PG-2 & PG-3 & PG-4



Model No.	Stripping Range (mm)	Weight (kg)	Length (mm)
PG-2	Ø10-25	0.43	220
PG-3	Ø26-52	0.70	260
PG-4	Ø47-75	0.82	290

## Cable Stripper

For sharpening the insulated cover of cable

### PG-9



Model No.	Stripping Range (mm)	Material Length (mm)	Weight (kg)
PG-9	Ø23 & 19 (AWG#1) 25kV & 15kV	25-70	0.53

### PG-6

**BLADE(PG6)**  
Spare Blade of PG-6



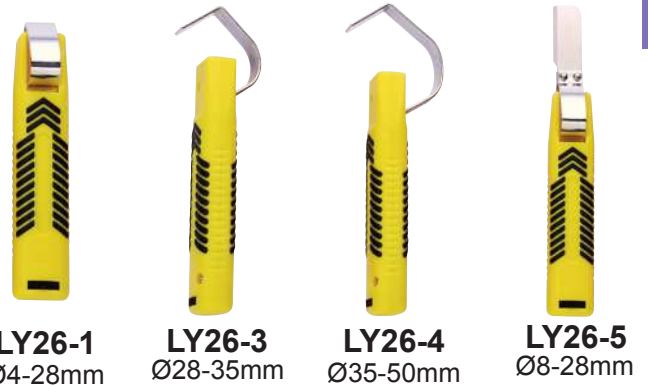
Model No.	Stripping Range (mm)	Thickness (mm)	Weight (kg)	Size (mm)
PG-6	Ø80-128	Max. 35	3.6	450x120x240

### PG-10



Model No.	Stripping Range (mm)	Material Length (mm)	Weight (kg)
PG-10	Ø35 & 32 (500MCM) 25kV & 15kV	30-120	0.98

## Cable Stripper With duplex colors Handle



**LY26-1**  
Ø4-28mm

**LY26-3**  
Ø28-35mm

**LY26-4**  
Ø35-50mm

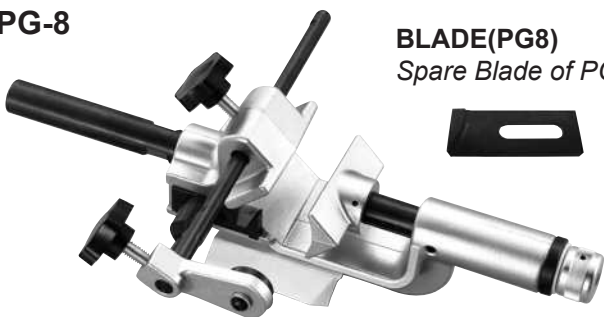
**LY26-5**  
Ø8-28mm

## Cable Stripper

For sharpening the insulated cover of cable

### PG-8

**BLADE(PG8)**  
Spare Blade of PG-8



Model No.	Stripping Range (mm)	Thickness (mm)	Weight (kg)	Length (mm)
PG-8	Ø12.7-57.15	Max. 7.5	1.5	340



**LY26-6**  
Ø8-28mm



**LY25-9**  
Ø4.5-25mm

SMART TOOLS SERIES



## 4.5" Utility Wire Stripper

For cable stripping below 9.5mm



**LY-700A**

**6-1/2" Wire Stripper**

Dia. of cutting blade  
Ø0.5 & 1.2 & 1.6 & 2mm



**LY-700B**

**6-1/2" Wire Stripper**

Dia. of cutting blade  
Ø1 & 1.6 & 2 & 2.6 & 3.2mm



**LY-700E**

**6-1/2" Wire Stripper**

Dia. of cutting blade  
AWG22 & 16 & 14 & 12 & 10 & 8

**WS-353**



**WS-353A**



Model No.	Stripping Range		Length (mm)
	mm	AWG	
WS-353	0.8-2.6	20-10	115
WS-353A	0.2-0.8	30-20	115

SMART TOOLS SERIES



**WS-16**

**Wire Stripper**

Stripping Range (mm <sup>2</sup> )	Length (mm)
0.75-16	180



**LY-700F**

**Wire Stripper**

Stripping Range (mm <sup>2</sup> )	Length (mm)
0.2-6	170



**LY-735B**

**Wire Stripper**

Stripping Range (mm <sup>2</sup> )	Length (mm)
0.13-6	205



**LY-731A**

**Wire Stripper**

Stripping Range (mm <sup>2</sup> )	Length (mm)
0.13-6	205



**LY-731B**

**Wire Stripper**

Stripping Range (mm <sup>2</sup> )	Length (mm)
0.13-6	205

**Coaxial Cable Stripper**  
**LY-662** For RG59 & RG6



**LY-700C1**

**6-1/2" Wire Stripper**

Cable 1.25 & 2 & 3.5 & 5.5 & 8mm<sup>2</sup>

Stripping Range		Length (mm)
mm	AWG	
0.2-6	20-10	122

**6" Wire Stripper**  
**ES-506**  
With adjustable screw



Stripping Range & Application	Weight (kg)
Soft Wire Cap 0.5-5mm	0.24

**LY-737**

**Rapid Stripper & Cutter**

For stranded & solid insulated wire



Stripping Range (mm <sup>2</sup> )	Cutting Range (mm <sup>2</sup> )
AWG10-24 (0.2-6)	MAX. AWG14 (2)

# WIRE & CABLE STRIPPER

## Coaxial Cable Stripper

LY-323



LY-332



LY-312B



LY-322

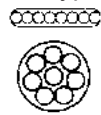


Model No.	Stripping D Drawing	Stripping D (mm)	Stripping Range & Application
LY-323	2 Blades	6.35	RG59/62/6/11/7/213/8
LY-332		4 & 6 & 8 & 12	RG58/59/62/6/6QS/3C/4C/5C
LY-312B	3 Blades 	*See left Stripping D drawing	RG58/59/62/3C/4C
LY-312S			RG213/11/8 Cable O.D.10.5mm
LY-322			RG58/59/62/6
LY-322S			RG213/11/8
			Cable O.D. 10.5mm

## 4" Universal Stripping Tool LY-501



Wire Type



Model No.	Stripping Range & Application	Length (mm)
LY-501	Wire & Multi-Conductor Cable 3.2-9mm O.D.	100

## Fiber Optic Stripper & Cutter

Middle-carbon steel body



FT-4



FT-5

Model No.	Description	Length (mm)
FT-4	Three locating positions for 2mm outer jacket	150
FT-5	900 micro buffer insulation 250 micro buffer acrylate coating	162

## 2 in 1 Wire Setting & Stripping Tool

For UTP/STP telecom wire stripping

LY-318



With inserting blade

Made of poly resin, economic type

LY-308



Model No.	Terminal Block (Insertion)	Stripping Range of Wire(mm)	Length (mm)
LY-318	110/88 Type	Ø5-6.2	95
LY-308	110/88 Type	Ø5-6.2	85

## Multi Function Stripper With cable cutter

LY-352



Stripping D: 6mm

Stripping Range & Application	Length (mm)
Outer jacket of UTP & STP cable CAT-5 Round RG59/6/11/7 Coaxial Cable Flat Telephone Cable	125

## HDP-160

10" Hand Cutter & Crimper



Model No.	Body Material	Crimping Range
HDP-160	medium carbon steel	0.5-10sqmm

SMART TOOLS SERIES

## LY-104 Series

**7 Functions in 1 tool with grinding blades**  
Wire Stripping & Wire Cutting & Steel Wire Cutting & Plier  
Wire Loop & Scale (mm & inch) & Crimping Tool



LY-1041	LY-1042	LY-1043
AWG-MM <sup>2</sup>	AWG-MM <sup>2</sup>	AWG-MM <sup>2</sup>
18-0.9	26-24-0.2	30-0.25
16-1.25	22-0.35	28-0.32
14-2.0	20-0.5	26-0.4
12-3.5	18-0.9	24-0.6
10-5.5	16-1.25	22-0.65

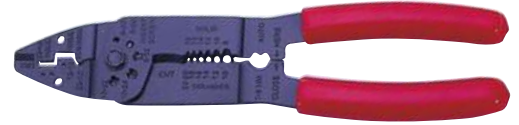
## KH-701A 8.2"

Crimping & Wire Stripping & Bolt Cutting



## KH-702A 8.2"

Crimping & Wire Stripping & Wire Cutting & Bolt Cutting



Model No.	Size Type	Application		
		Wire Stripping	Bolt Cutting	Crimping
KH-701	MM	2.6/2	M2.6	2.6-1.3
KH-702		1.6/1.3/1 0.8/0.6	M3 & M3.5 M4 & M4.5 & M5	
KH-701A	INCH	AWG	4-40/5-40/6-32	AWG
KH-702A		10/12/14 16/18/20/22	8-32/10-32 10-24	

Model No.	Stripping Range & Wire Size								
	AWG	S.S.	12	14	16	18	20	22	24
LY-5021			10	12	14	16	18	20	22
	mm		2.6	2.0	1.6	1.3	1.0	0.8	0.6
LY-5022			14	16	18	20	22	24	26
	mm		1.6	1.3	1.0	0.8	0.6	0.5	0.5
LY-5023			22	24	26	28	30		
	mm		0.8	0.6	0.5	0.4	0.32	0.25	
LY-5024			8	6	4				
	mm		10	16	25				

SMART TOOLS SERIES

## LY-502 Series + S.S. means "Stranded Single"

**5 Functions in 1 tool with grinding blades**  
Wire Stripping & Wire Cutting & Steel Wire Cutting & Plier  
Wire Loop

*Precise Cutter & Stripper made by CNC-Grinding*



## Muti-Function Crimping Tool

Crimping & Wire Stripping & Bolt Cutting  
Three functions in one



Model No.	Size Type	Application		
		Wire Stripping	Bolt Cutting	Crimping
KH-502A	INCH	AWG	4-40 6-32 8-32 10-24 10-32	Insulated AWG 22-18 16-14 12-10
KH-503A		10		
KH-504A		12		
KH-507A		14		
		16		
KH-502	MM	6	M2.5 M3 M3.5 M4 M5	Insulated 1.5/2.5/6 sqmm  Non-Insulated 1.5/2.5/4.5 sqmm(KH-502B)
KH-503		4		
KH-504		2.5		
KH-507		1.5		
		1		
KH-507	0.75			

+ Please check more detail specification/application on the tool's marking. A type is for AWG standard.

# WIRE & CABLE STRIPPER & PLIER

## Wire Stripper & Cutter



LY-108



LY-109



LY-1091



LY-222

Model No.	Description	Stripping Range Cutting Range & Application	Length (mm)
LY-108	5" Stripper & Cutter with Adjustable Screw	Wire AWG10-30 (0.5-4mm)	127
LY-109	5" Electrical Cutter made of Carbon Steel & hardened with Black Oxide finished	Wire AWG20-24	127
LY-1091	5" Electrical Stripper & Cutter	Wire AWG20-24	127
LY-222	5 1/4" Electrical Cutter made of Alloy Steel	Max. AWG18 1mm Copper Soft Metal	132

## Electronics Pliers



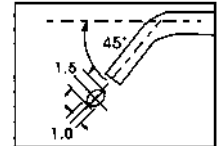
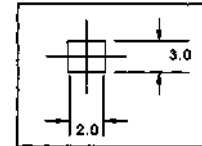
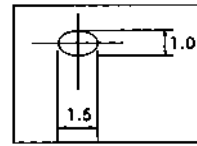
ES-251



ES-252



ES-253



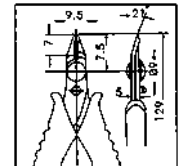
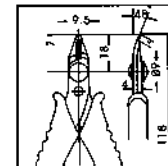
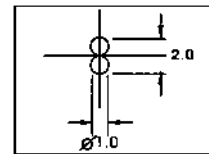
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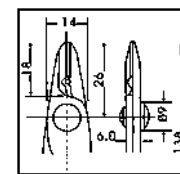
ES-255



ES-257



ES-259



LY-107

Model No.	Description
ES-251	6" Long Nose Plier
ES-252	6" Flat Nose Plier
ES-253	6" Bent Nose Plier (45°)
ES-254	5-1/2" Round Nose Plier
ES-255	5" Side Cutter Plier (45°)
ES-257	5" Side Cutter Plier (21°) With <b>safe clip-slim</b>
ES-259	5-1/2" Wire Stripper & Cutter For 0.2-0.8mm
LY-107	5" Dial Stripper & Cutter For AWG12-24

SMART TOOLS SERIES



## Nylon Cable Tie Gun

### LY-600A



Model No.	Width of Cable Tie(mm)	Length (mm)
LY-600A	2.4-4.8	160

### LY-600M

Adjustable tension dial for 4 levels bundling pressure  
Automatic cut-off once required tension is achieved  
Aluminum alloy body with silver lacquered cover



**With TPR  
Trigger Handle**

**Tension Indicator**

**Tension Dial**

Model No.	Width of Cable Tie(mm)	Thickness of Cable Tie(mm)	Length (mm)
LY-600M	Max. 2.2-4.6	1.3	168

### LY-600T



**Tension Indicator**

**Tension Dial**

Model No.	Width of Cable Tie(mm)	Thickness of Cable Tie(mm)	Length (mm)
LY-600T	2.2-4.8	1.6	160

## Stainless Steel Cable Tie Gun

### LY-600N

Adjustable tension dial for 4 levels bundling pressure  
Automatic cut-off once required tension is achieved  
Made of Metal / Aluminum frame construction



**Tension Indicator**

**With TPR  
Trigger Handle**

**TPR  
Tension Dial**

Model No.	Width of Cable Tie(mm)	Thickness of Cable Tie(mm)	Length (mm)
LY-600N	Max. 7.9	0.3	180

### LY-519



Model No.	Width of Cable Tie(mm)	Thickness of Cable Tie(mm)	Length (mm)
LY-519	Max. 12	2.3	191

### LY-519C



Model No.	Width of Cable Tie(mm)	Thickness of Cable Tie(mm)	Length (mm)
LY-519C	Max. 12	2.3	191

### LY-600L For tensioning & cut-off



Model No.	Width of Cable Tie(mm)	Length (mm)
LY-600L	Max. 13	210

### LY-600F

For BCT Type  
Stainless Cable Tie



### LY-600H

Durable tensioner with cutter  
& hammer knob  
For binding irregular & non-compressible



Model No.	Width of Cable Tie(mm)	Length (mm)
LY-600F	4.5-12	180
LY-600H	1/2" & 5/8" & 3/4"	210

# PVC PIPE CUTTER & PIPE BENDER

Blade: Molybdenum Vanadium Stainless Steel Handle: Alloy Aluminum ADC-12

## L-42W

For PVC pipe  
Wire duct cutting



Model No.	Max. O.D. of Tube(mm)
L-42W	42

## L-25

For PVC pipe cutting only



Model No.	Max. O.D. of Tube(mm)
L-25	34

## L-42A

For PVC pipe cutting only



Model No.	Max. O.D. of Tube(mm)
L-42A	42

## L-63

For PVC pipe cutting only



Model No.	Max. O.D. of Tube(mm)	Material
L-63	63	Blade: SK5 Handle: Alloy Aluminum

## KTS-120

For plastic pipe cutting only



Model No.	O.D. Range of Tube(mm)	Weight (kg)
KTS-120	6-35	0.63

## KTS-26/42N

For plastic pipe cutting only



Model No.	O.D. Range of Tube(mm)	Weight (kg)
KTS-26/42N	6-42	0.75
BLADE : SK5		

## PC-28

Multi Cutter Kit - 1  
tool with 5 anvils



Model No.	Cutting Application
PC-28	Braided Hose & Water Pipe & Anti-pressure Pipe Wire Duct & Plastic Carpet & Rubber Pad

## Malleable Iron Bender

For EMT & IMC tubing/conduit bending

### CPB-19



### CPB-25



### CPB-25W



### CPB-26



### CPB-32



Model No.	Max. O.D. Range of tubing(mm)	For EMT (Electrical Metallic Tubing)	For IMC (Intermediate Metal Rigid Conduit)	Weight (kg)
CPB-19	19	1/2"	X	1
CPB-25	25	3/4"	1/2"	2
CPB-25W	19/25	1/2" & 3/4"	1/2"	1.5
CPB-26	25	3/4"	1/2"	2.5
CPB-32	32	1"	3/4"	4

## Spring Pipe Bender For PVC pipe bending

### SPB-25

Flat Wire  
3.5(W)x3.5(T)x25(DIA.)mm



### SPB-20

Flat Wire  
2.2(W)x2.2(T)x20(DIA.)mm

Model No.	O.D. Range of Pipe(mm)	Length (mm)
SPB-20	20	570
SPB-25	25	610

## PVC Pipe Cutter & Wire Duct Cutter

Cut PVC pipe & wire duct quickly  
With sharp & smart blade & deburring gap  
Great performance: Neat margin



**PC-35** For PVC pipe cutting only



Model No.	Max. O.D. of Tube(mm)	Material
PC-35	35	Blade: SK5 Handle: Alloy Aluminum

**PC-42** For PVC pipe cutting only



Model No.	Max. O.D. of Tube(mm)	Material
PC-42	42	Blade: SK5 Handle: Alloy Aluminum

**KN-20B**



**KN-20C**



Model No.	Blade Material	Length (mm)
KN-20B	SK5	180
KN-20C	Stainless 420J2	180

## Water Pump Plier

**ES-2310**



**ES-2039**



**ES-1218C(10") & ES-1218E(12")**



Model No.	Description
ES-2310	10" Water Pump Plier
ES-2039	9" Erect Joint Plier
ES-1218C(10")	Water Pump Plier with Screw Driver & Button
ES-1218E(12")	

**PC-42AW** For PVC pipe & wire duct cutting



Model No.	Max. O.D. of Tube(mm)	Material
PC-42AW	42	Blade: SK5 Handle: Alloy Aluminum

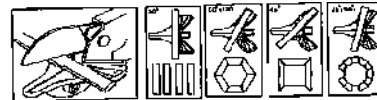
**PC-63A** For PVC pipe cutting only



Model No.	Max. O.D. of Tube(mm)	Material
PC-63A	63	Blade: SK5 Handle: Alloy Aluminum

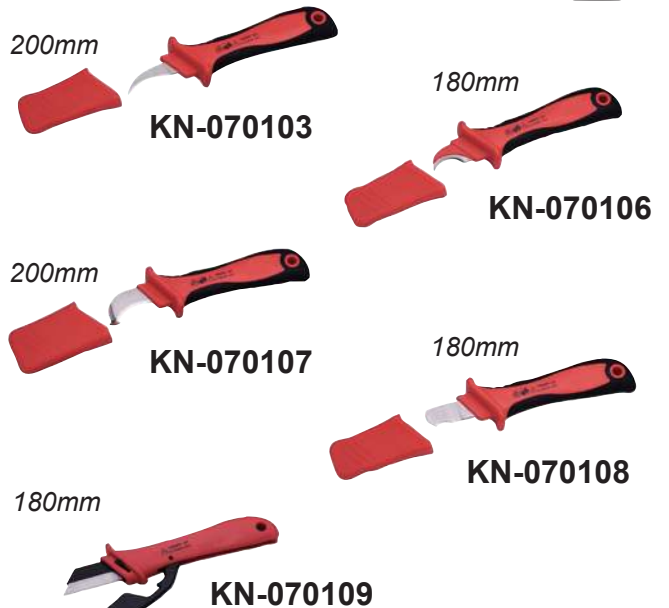
**MF-1** Multi-Angle adjustable & cutting  
For wire duct & PVC pipe & soft pipe  
splint & green plant

Model No.	Cutting Range(degree)	Weight (kg)
MF-1	45-120	0.35



SMART TOOLS SERIES

## Cable Knives 1000V-insulated



# 1000V ELECTRICIANS TOOL



## 1000V VDE Electricians Tool

1000V Insulated  
With double-colors sheathed Handles

LN-116V



LN-118V



HDP-157V & HDP-158V



CP-127V



CP-128V



BN-136V



BN-138V



DP-106V



WS-156V



Model No.	Description	Specification
LN-116V	6" Long Nose Plier	Material: <b>CrV</b> Finished: <b>Stain TPR Handle</b>
LN-118V	8" Long Nose Plier	
CP-127V	7" Combination Plier	
CP-128V	8" Combination Plier	
BN-136V	8" Bent Nose Plier	
BN-138V	6" Bent Nose Plier	
DP-106V	6" Diagonal Cutter	
WS-156V	6" Wire Stripper	
HDP-157V	7" Diagonal Cutter	
HDP-158V	8" Diagonal Cutter	

## 1000V VDE Electricians Tool

1000V Anti-Volt, which is safer  
Diversification of application  
Smooth & double-color Handle, easy for holding

CP-127VM



CP-128VM



LN-116VM



LN-118VM



BN-136VM



DP-106VM



Model No.	Description	Specification
CP-127VM	7" Combination Plier	Material: <b>Chromium Molybdenum Alloy Steel</b>  Surface Treatment: <b>Polished</b>  <b>TPR Handle</b>
CP-128VM	8" Combination Plier	
LN-116VM	6" Needle Nose Plier	
LN-118VM	8" Needle Nose Plier	
BN-136VM	8" Bent Nose Plier	
DP-106VM	6" Diagonal Plier	

SMART TOOLS SERIES



## Electricians Screwdriver With TPR Handle SW-4706



Model No.	+	mm	mm	Diameter (mm)	Weight (kg)	IN/OUT (ctn)	CUFT
SW-4704	PH2x100	115	6	0.92	12/120	1.5	
SW-4706	PH2x150	115	6	1.03	12/120	1.5	

## SW-3706



Model No.	+	mm	mm	Diameter (mm)	Weight (kg)	IN/OUT (ctn)	CUFT
SW-3704	6.0x100	115	6	0.92	12/120	1.5	
SW-3706	6.0x150	115	6	1.03	12/120	1.5	
SW-5704	6.5x100	115	6	0.92	12/120	1.5	
SW-5706	6.5x150	115	6	1.03	12/120	1.5	

## 1000V Insulated Pozidriv Screwdriver SW-1023



Model No.	+	mm	mm	Diameter (mm)	Weight (kg)	IN/OUT (ctn)	CUFT
SW-102300	(*) PZ0x60	85	2.5	0.25	10/100	0.3	
SW-102301	(*) PZ0x80	105	3	0.35	10/100	0.5	
SW-102302	(*) PZ0x100	115	3.5	0.6	10/100	0.9	

## SW-8677 Series VDE/GS 1000V Insulated Phillip Screwdriver



Model No.	+	mm	mm	Diameter (mm)	Weight (kg)	IN/OUT (ctn)	CUFT
SW-867700	PH0x75	78x25	3	0.3	12/120	0.3	
SW-867701	PH1x75	100x31	5	0.63	12/120	0.5	
SW-867702	PH2x100	113x35	6	0.97	12/120	0.9	
SW-867703	PH3x150	121x38	8	1.8	12/60	0.7	

## SW-8677 Series VDE/GS 1000V Insulated Slotted Screwdriver



Model No.	mm	mm	Diameter (mm)	Weight (kg)	IN/OUT (ctn)	CUFT
SW-867704	0.5x3x80	78x25	3	0.3	12/120	0.3
SW-867705	0.8x4x100	100x31	4	0.67	12/120	0.5
SW-867706	1x5.5x125	100x31	5.5	0.7	12/120	0.6
SW-867707	1.2x6.5x150	113x35	6.5	1.25	12/120	0.9
SW-867708	1.2x8x150	121x38	8	1.8	12/60	0.7

## SW-867-A7 7 PCS Insulated Screwdriver Set



Model No.	Specification	Type
SW-867-A7	0.5x3x80mm	-
	1x5.5x125mm	
	1.2x6.5x150mm	
	PH0x75mm	+
	PH1x75mm	
	PH2x100mm	
	Volt Tester 145mm (120-250V)	

## WT-806 & WT-809



Model No.	Application	Length (mm)	Remark
WT-806	Safety Wire Twisting	210	With Reversible
WT-809		260	
WT-806R		230	
WT-809R		280	

# TUBE BENDER & TUBE CUTTER

## Tube Bender

For bending tubes which are made of annealed copper & aluminum steel & stainless steel & hard copper

### LY-315 5/8" & LY-315 16mm



### LY-315 1/2" & LY-315 12mm



Model No.	Max. O.D. of Tube	Model No.	Max. O.D. of Tube(mm)
LY-315 1/4"	1/4"	LY-315 6mm	6
LY-315 5/16"	5/16"	LY-315 8mm	8
LY-315 3/8"	3/8"	LY-315 10mm	10
LY-315 1/2"	1/2"	LY-315 12mm	12
LY-315 5/8"	5/8"	LY-315 16mm	16
LY-315 3/4"	3/4"	LY-315 19mm	19
LY-315 7/8"	7/8"	LY-315 22mm	22

## 3-IN-1 Tube Bender

For tube bending of three kinds of different sizes

### CT-368



Model No.	O.D. Range of Tube
CT-368	1/4" & 5/16" & 3/8"

## Kit of Tubing Tool & Plumbing Tool

Three functions: Flaring & Cutting & Bending  
For tubes which are made of soft copper & aluminum & brass

### LY-311 & LY-311M

### LY-312 & LY-312M



Model No.	Max. O.D. of Tube
LY-311	3/16" & 1/4" & 5/16" & 7/16" & 3/8" & 1/2"
LY-311M	4 & 6 & 8 & 10 & 12 & 15 & 16mm
LY-312	3/16" & 1/4" & 5/16" & 7/16" & 3/8" & 1/2" 5/8" & 3/4" & 1/8"
LY-312M	4 & 6 & 8 & 10 & 12 & 15 & 16 & 18 & 22mm

## Tube Cutter

For cutting tubes which are made of hard copper & soft copper & aluminum & brass

### LY-313-1



O.D. 1/8" to 5/8"  
Range of Tube

### LY-313-2



O.D. 1/8" to 1-1/8"  
Range of Tube

### TC-105C



O.D. 4-32mm  
Range of Tube

### LY-313-3



O.D. 1/4" to 1-5/8"  
Range of Tube

### LY-313-4



O.D. 3/8" to 2-5/8"  
Range of Tube

### TC-107



O.D. 5-45mm  
Range of Tube

### TC-106S

For stainless cutting

### TC-201

For stainless cutting

### TC-106P

For plastic cutting



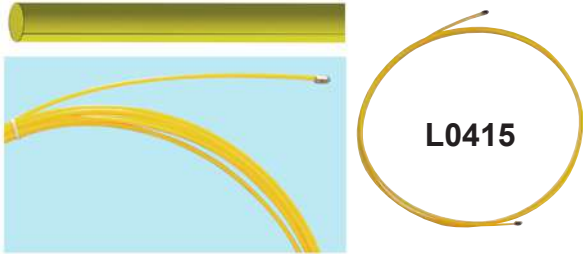
O.D. 6-64mm  
Range of Tube



O.D. 3-42mm  
Range of Tube

## L04 Series - Professional Fish Tape / Wire Guide

Made of high tensile & durable POM plastic



Model No.	Dia. of Wire	Length (m)	Safety Load	Breaking Strength	IN/OUT (ctn)
L0405	4.5mm	5	80kgs	135kgs	100
L0410	4.5mm	10	80kgs	135kgs	80
L0415	4.5mm	15	80kgs	135kgs	70
L0420	4.5mm	20	80kgs	135kgs	60
L0430	4.5mm	30	80kgs	135kgs	50
L0450	4.5mm	50	80kgs	135kgs	30

## L05 Series - Professional Fish Tape / Wire Guide

Made of high tensile & durable POM plastic

Special made with Dia. 1.6mm wire rope coated with POM plastic



Model No.	Dia. of Wire	Length (m)	Safety Load	Breaking Strength	IN/OUT (ctn)
L0510	5.5mm	10	250kgs	400kgs	60
L0515	5.5mm	15	250kgs	400kgs	50
L0530	5.5mm	30	250kgs	400kgs	30
L0550	5.5mm	50	250kgs	400kgs	20

## L07 Series - Professional Fish Tape / Wire Guide

Three ply fish tape(Black+Yellow)



2 black Dia. 2.8mm tapes and 1 yellow Dia 3.3mm tape

Model No.	Dia. of Wire	Length (m)	Safety Load	Breaking Strength	IN/OUT (ctn)	
L0710	7mm	10	500kgs	850kgs	50	
L0715	7mm	15	500kgs	850kgs	35	
L0730	7mm	30	500kgs	850kgs	20	
L0750	7mm	50	500kgs	850kgs	15	
L07100	7mm	100	500kgs	850kgs	10	
L0730T	7mm	30	With Tube	500kgs	850kgs	15
L0750T	7mm	50	With Tube	500kgs	850kgs	10

## L06S Series

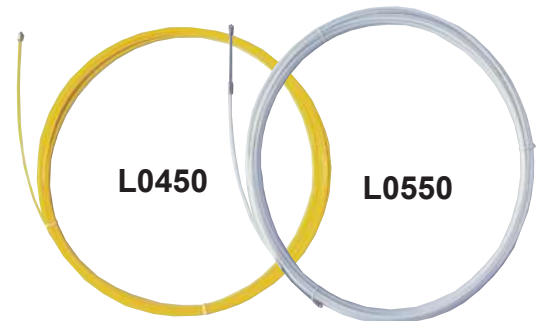
### Professional Fish Tape / Wire Guide

Three ply fish tape(Black+Red)



2 black Dia. 2.5mm tapes and 1 red Dia 3.1mm tape

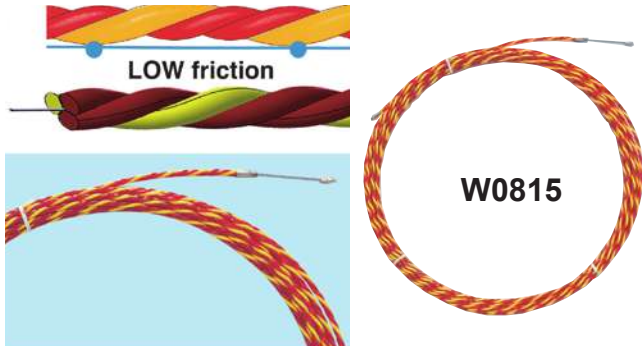
Model No.	Dia. of Wire	Length (m)	Safety Load	Breaking Strength	IN/OUT (ctn)	
L06S10	6mm	10	420kgs	700kgs	40	
L06S15	6mm	15	420kgs	700kgs	30	
L06S30	6mm	30	420kgs	700kgs	20	
L06S50	6mm	50	420kgs	700kgs	12	
L06S100	6mm	100	420kgs	700kgs	7	
L06S30T	6mm	30	With Tube	420kgs	700kgs	15
L06S50T	6mm	50	With Tube	420kgs	700kgs	10



# FISH TAPE & ACCESSORY

## W08 Series - Professional Fish Tape / Wire Guide

Three ply fish tape (Red+Yellow)  
Special made with Dia. 1.2mm steel wire rope coated with composite material pullers



2 red Dia. 2.8mm tapes and 1 yellow Dia 3.3mm tape and 1 steel wire Dia. 1.2mm

Model No.	Dia. of Wire	Length (m)	Safety Load	Breaking Strength	IN/OUT (ctn)	
W0810	7mm	10	650kgs	950kgs	50	
W0815	7mm	15	650kgs	950kgs	35	
W0830	7mm	30	650kgs	950kgs	20	
W0850	7mm	50	650kgs	950kgs	15	
W08100	7mm	100	650kgs	950kgs	10	
W0830T	7mm	30	With Tube	650kgs	950kgs	15
W0850T	7mm	50	With Tube	650kgs	950kgs	10

## L06 Series - Professional Fish Tape / Wire Guide

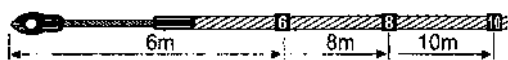
Three ply fish tape (Black)



3 black Dia. 2.7mm tapes

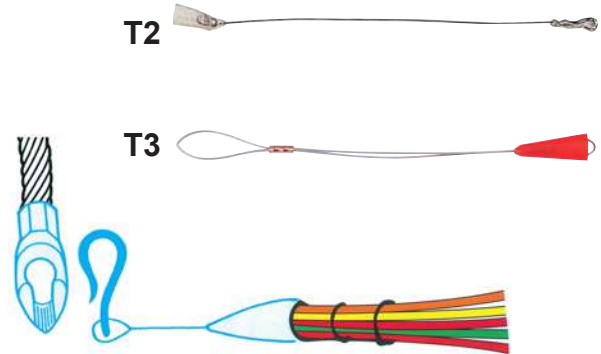
6 / 8 / 10 / 12 / 14M  
16 / 18 / 20 / 22 / 24M

Model No.	Dia. of Wire	Length (m)	Safety Load	Breaking Strength	IN/OUT (ctn)	
L0610	6mm	10	400kgs	650kgs	50	
L0615	6mm	15	400kgs	650kgs	40	
L0630	6mm	30	400kgs	650kgs	25	
L0650	6mm	50	400kgs	650kgs	18	
L06100	6mm	100	400kgs	650kgs	10	
L0630T	6mm	30	With Tube	400kgs	650kgs	15
L0650T	6mm	50	With Tube	400kgs	650kgs	10
L0630M	6mm	30	With yard stick meter	400kgs	650kgs	10



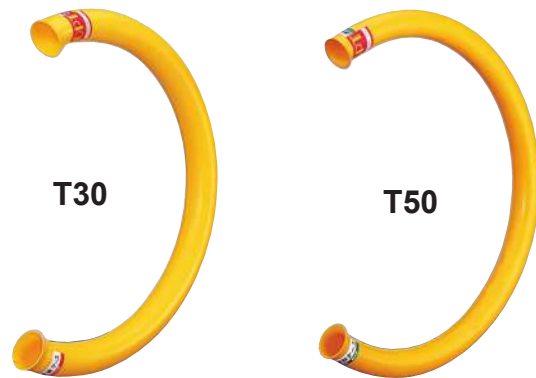
## Quick Cable Tights

Accessory of fish tape which can shorten your working time



Model No.	Safety Load	Application Range
T2	120kgs	Tube 3/4" to 1-1/2"
T3	120kgs	Tube 1/2" to 3/4"

## Storage Tube



Model No.	Tube Dia.	Dia. of Outline
T30	46mm	580mm
T50	57mm	610mm



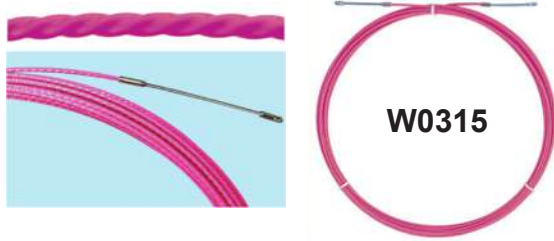
FISH TAPE SERIES



## W03 Series

### Professional Fish Tape / Wire Guide

A strongest wire guide with fluorescent color  
Made of single composite material pullers

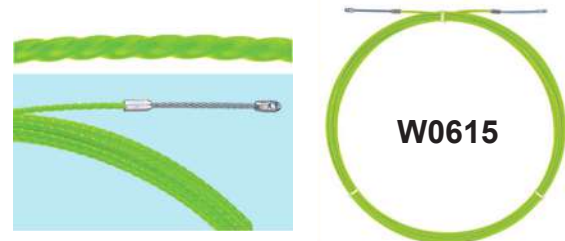


Model No.	Dia. of Wire	Length (m)	Safety Load	Breaking Strength	IN/OUT (ctn)
W0310	4mm	10	260kgs	300kgs	80
W0315	4mm	15	260kgs	300kgs	60
W0320	4mm	20	260kgs	300kgs	50
W0330	4mm	30	260kgs	300kgs	40

## W06 Series

### Professional Fish Tape / Wire Guide

A strongest wire guide with fluorescent color  
Made of single composite material pullers

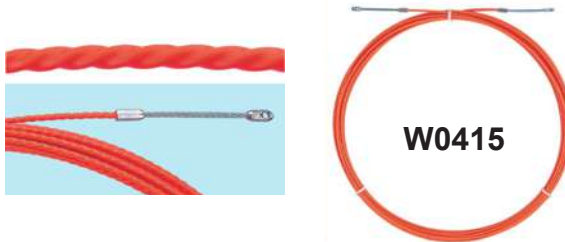


Model No.	Dia. of Wire	Length (m)	Safety Load	Breaking Strength	IN/OUT (ctn)	
W0615	6.2mm	15	500kgs	550kgs	30	
W0630	6.2mm	30	500kgs	550kgs	20	
W0650	6.2mm	50	500kgs	550kgs	12	
W06100	6.2mm	100	500kgs	550kgs	8	
W0630T	6.2mm	30	With Tube	500kgs	550kgs	14
W0650T	6.2mm	50	With Tube	500kgs	550kgs	10

## W04 Series

### Professional Fish Tape / Wire Guide

A strongest wire guide with fluorescent color  
Made of single composite material pullers



Model No.	Dia. of Wire	Length (m)	Safety Load	Breaking Strength	IN/OUT (ctn)	
W0415	4.5mm	15	300kgs	350kgs	50	
W0430	4.5mm	30	300kgs	350kgs	30	
W0450	4.5mm	50	300kgs	350kgs	20	
W04100	4.5mm	100	300kgs	350kgs	8	
W0430T	4.5mm	30	With Tube	300kgs	350kgs	14
W0450T	4.5mm	50	With Tube	300kgs	350kgs	10

## Pull Handle

Safer and faster  
Protect your hand with soft pull Handle

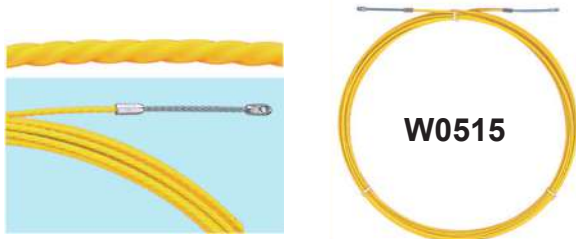


Model No.	Dia. (mm)	Thickness (mm)	Color Choice
PH-2	75	10	Grass Green & Light Orange & Dark Black

## W05 Series

### Professional Fish Tape / Wire Guide

A strongest wire guide with fluorescent color  
Made of single composite material pullers



Model No.	Dia. of Wire	Length (m)	Safety Load	Breaking Strength	IN/OUT (ctn)	
W0515	5.2mm	15	400kgs	450kgs	40	
W0530	5.2mm	30	400kgs	450kgs	25	
W0550	5.2mm	50	400kgs	450kgs	15	
W05100	5.2mm	100	400kgs	450kgs	8	
W0530T	5.2mm	30	With Tube	400kgs	450kgs	14
W0550T	5.2mm	50	With Tube	400kgs	450kgs	10

## Fish Tapes with 1000V Anti-Voltage Head



# FISH TAPE & ACCESSORY

## Nylon Fish Tape N-Series

High quality nylon material  
One end with flexible pilot spring & one end with firm pulling unit



**Exchangeable Head**

**Exchangeable Head**

Fixed Type				Fixed Type				Fixed Type			
Model No.	Diameter	Length	Safety Load	Model No.	Diameter	Length	Safety Load	Model No.	Diameter	Length	Safety Load
N0405	4mm	5m	300kgs	N0405P	4mm	5m	300kgs	N0405S	4mm	5m	300kgs
N0410		10m		N0410P		10m		N0410S		10m	
N0415		15m		N0415P		15m		N0415S		15m	
N0420		20m		N0420P		20m		N0420S		20m	
N0425		25m		N0425P		25m		N0425S		25m	
N0430		30m		N0430P		30m		N0430S		30m	
N0305	3mm	5m	220kgs	N0305P	3mm	5m	220kgs	N0305S	3mm	5m	220kgs
N0310		10m		N0310P		10m		N0310S		10m	
N0315		15m		N0315P		15m		N0315S		15m	
N0320		20m		N0320P		20m		N0320S		20m	
N0325		25m		N0325P		25m		N0325S		25m	
N0330		30m		N0330P		30m		N0330S		30m	

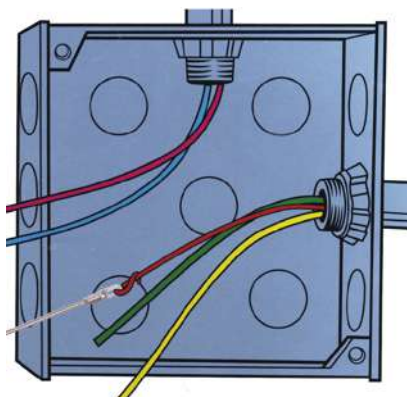
  

Exchangeable Type				Exchangeable Type				Exchangeable Type			
Model No.	Diameter	Length	Safety Load	Model No.	Diameter	Length	Safety Load	Model No.	Diameter	Length	Safety Load
N0405C	4mm	5m	300kgs	N0405PC	4mm	5m	300kgs	N0405SC	4mm	5m	300kgs
N0410C		10m		N0410PC		10m		N0410SC		10m	
N0415C		15m		N0415PC		15m		N0415SC		15m	
N0420C		20m		N0420PC		20m		N0420SC		20m	
N0425C		25m		N0425PC		25m		N0425SC		25m	
N0430C		30m		N0430PC		30m		N0430SC		30m	
N0305C	3mm	5m	220kgs	N0305PC	3mm	5m	220kgs	N0305SC	3mm	5m	220kgs
N0310C		10m		N0310PC		10m		N0310SC		10m	
N0315C		15m		N0315PC		15m		N0315SC		15m	
N0320C		20m		N0320PC		20m		N0320SC		20m	
N0325C		25m		N0325PC		25m		N0325SC		25m	
N0330C		30m		N0330PC		30m		N0330SC		30m	

FISH TAPE SERIES

## Operation View

How to pull the wire with nylon fish tapes?



## Nylon Fish Tape NS-Series

High quality nylon material  
Both ends with flexible pilot springs



**Exchangeable Head**

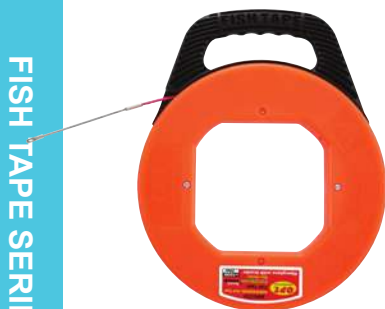
## BW Series Professional Fish Tape / Wire Guide

Rattlesnake fish tape with leader & case  
Filate-line-tube & complicated bent line can easily go through  
Large Handle increases stability for better winding control



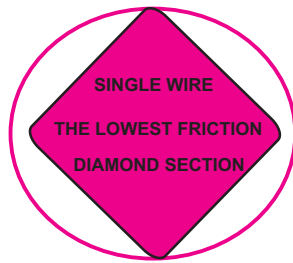
**BW0530**

**BW0430**



**BW0330**

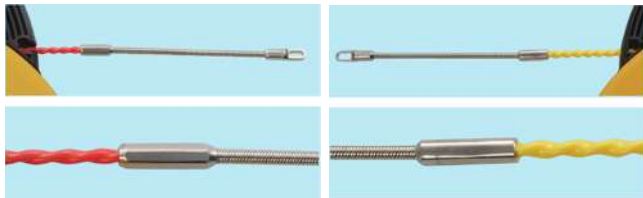
BETTER SECTION OF FISH TAPE



FISH TAPE SERIES

**BW0415**

**BW0515**

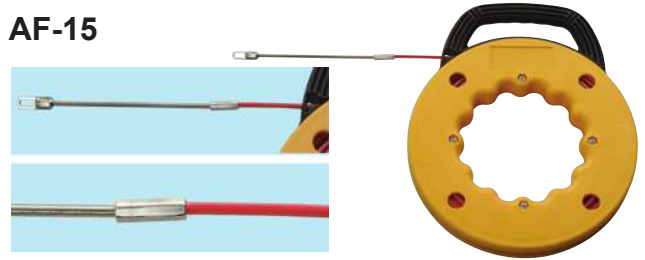


Model No.	Dia. of Wire	Length (m)	Weight (kg)	Safety Load	Breaking Strength	IN/OUT (ctn)	
BW0315	4mm	305	15	260kgs	300kgs	5	
BW0330		30	1.5			5	
BW0345		305	45			1.8	5
BW0360		60	2			5	
BW0415		305	15			1.2	5
BW0430	4.5mm	305	30	300kgs	400kgs	5	
BW0445		405	45			1.8	5
BW0460		60	2			5	
BW0515	5.2mm	305	15	400kgs	450kgs	5	
BW0530		30	1.7			5	
BW0545		405	45			2.1	5
BW0560		60	2.5			5	

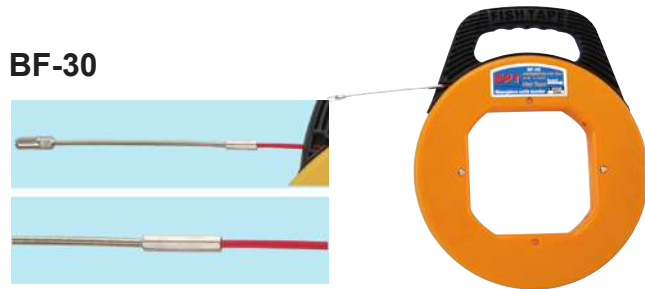
## AF & BF Series Professional Fish Tape / Wire Guide

Fiberglass fish tape with leader & case  
Suitable for telecommunication installation  
Smooth tape surface & it does not scrape the user  
Large Handle increases stability for better winding control

### AF-15



### BF-30



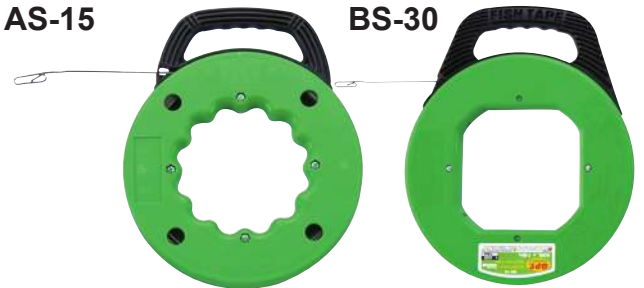
Model No.	Tape WxH	Length (m)	Weight (kg)	Safety Load	Breaking Strength	IN/OUT (ctn)
AF-15	3.7x2.8 mm	205	15	280kgs	330kgs	10
BF-15		15	1.02			5
BF-30	305	30	1.26			5
BF-45		45	1.46			5
BF-60		60	1.6			5
BF-80		80	1.8			5

## AS & BS Series Professional Fish Tape / Wire Guide

Steel fish tape made of flexible spring steel  
With durable plastic container & slide Handle  
Easy to thread the pipe & pull out the electric cable

### AS-15

### BS-30



Model No.	Tape WxH	Length (m)	Weight (kg)	IN/OUT (ctn)
AS-15	3.2x1.6 mm	205	15	0.9
BS-15		15	1.1	5
BS-18	305	18	1.3	5
BS-30		30	1.9	5
BS-45		45	2.4	5
BS-60		60	3	5
BS-73		73	3.4	5
BS-73B	405	73	3.8	5

# FISH TAPE & ACCESSORY

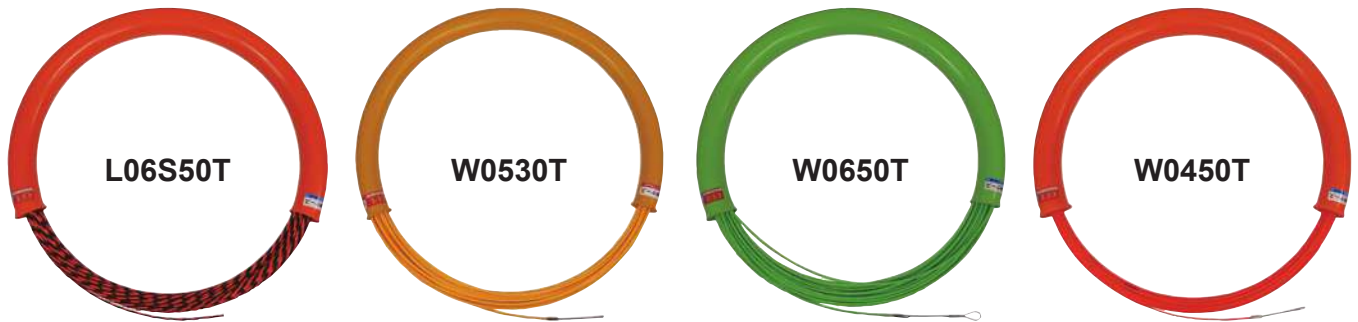
## View of different kinds fish tape with case: BW & BF & BS Series

Different material, different length  
Fish tape with easy-carrying case  
With smooth Handle



## View of different kinds fish tape with storage tube: T-Type Series

Different material, different length  
Fish tape with storage tube, which can be shouldered while working



FISH TAPE SERIES

## R76 Frame

Durable and heavy type  
Suitable for outdoor construction use



Model No.	Weight (kg)	Dimension (mm)
R76	3.5	465(L)x210(W)x610(H)



## Fish Tape with T60 Frame

Small, exquisite & easy for carrying  
New OPT option for the frame  
Smooth rolling

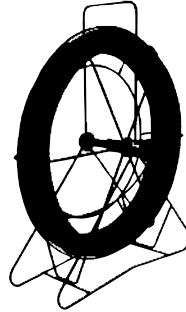
Special anti-rust treatment for the frame, great protection and more durable  
Multiple choice for the fish tape  
Small, light & easy operation

**W08100T**

**W06100T**

**L06100T**

**F06100T**



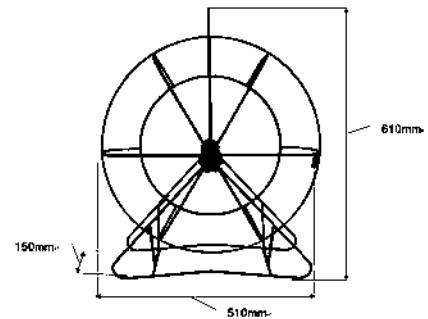
**FRP+AAS**



Model No.	Dia. (mm)	Description	Breaking Strength	Length (m)	Weight (kg)
F06100T(R)	6	FRP Tape (Yellow)	650kgs	100	4.8
F06150T(R)	6	FRP Tape (Yellow)	650kgs	150	7.2
L06100T(R)	6	Three-Ply Tape (Black)	650kgs	100	6
L06150T(R)	6	Three-Ply Tape (Black)	650kgs	150	7.7
L06S100T(R)	6	Three-Ply Tape (Black+Red)	650kgs	100	6
L06S150T(R)	6	Three-Ply Tape (Black+Red)	650kgs	150	7.7
L07100T(R)	7	Three-Ply Tape (Black+Yellow)	850kgs	100	6.5
L07150T(R)	7	Three-Ply Tape (Black+Yellow)	850kgs	150	8.5
W04100T(R)	4.5	Single-Composite Tape (Orange)	300kgs	100	4.3
W04200T(R)	4.5	Single-Composite Tape (Orange)	300kgs	200	5.2
W05100T(R)	5.2	Single-Composite Tape (Yellow)	420kgs	100	4.7
W05200T(R)	5.2	Single-Composite Tape (Yellow)	420kgs	200	6.9
W06100T(R)	6.2	Single-Composite Tape (Green)	550kgs	100	5.5
W06150T(R)	6.2	Single-Composite Tape (Green)	550kgs	150	8.5
W08100T(R)	7	Three-Ply Tape (Red+Yellow)	950kgs	100	7
W08150T(R)	7	Steel Wire Rope+Composite Tape	950kgs	150	9.2

## T60 Frame

Special anti-rust treatment for the frame  
Great protection and more durable

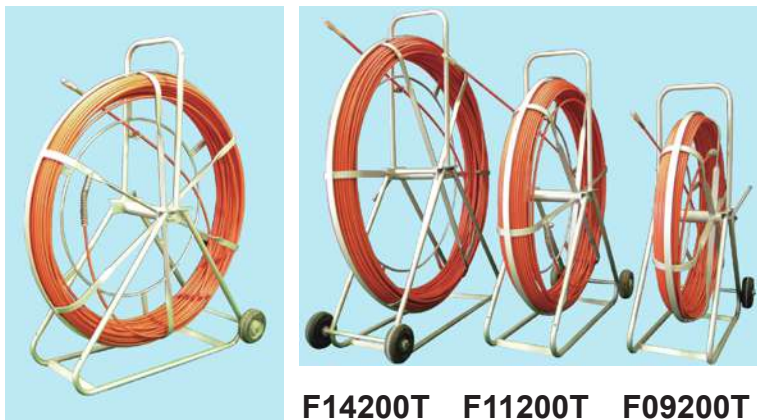


Model No.	Dia. (mm)	Weight (kg)	Dimension (mm)
T60	520	2.24	510(L)x150(W)x610(H)

FISH TAPE SERIES

## Fish Tape with T100/T200/T300 Heavy Duty Frame

Big frame for outside & construction site use



**F14200T F11200T F09200T**

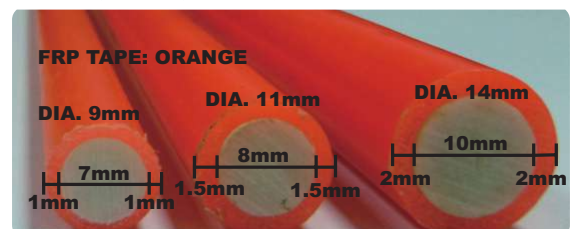
Model No.	Dia. (mm)	Description	Breaking Strength	Length (m)	Weight (kg)
F09100T	9	FRP Tape (Orange)	1250kgf	100	41
F09200T	9	FRP Tape (Orange)	1250kgf	200	51
F11100T	11	FRP Tape (Orange)	1680kgf	100	48
F11200T	11	FRP Tape (Orange)	1680kgf	200	66
F14100T	14	FRP Tape (Orange)	2800kgf	100	64
F14200T	14	FRP Tape (Orange)	2800kgf	200	88

## Heavy Duty Frame



**T300 T200 T100**

Model No.	Dia. (mm)	Weight (kg)	Dimension (mm)
T100	1000	25	1000(L)x500(W)x1200(H)
T200	1200	31	1200(L)x500(W)x1400(H)
T300	1400	38	1400(L)x500(W)x1600(H)



**FRP+AAS**

# FISH TAPE & ACCESSORY

## Section Fish Rods Kits

For gaining access to wires & cables under floorboards, above ceiling, trunking and wall cavities

Connect individual sections end-to-end to create a variety of lengths

Threaded connectors are beveled on both ends to prevent snagging & hang ups on obstructions

Packaged with a carrier tube, easy for carrying and holding

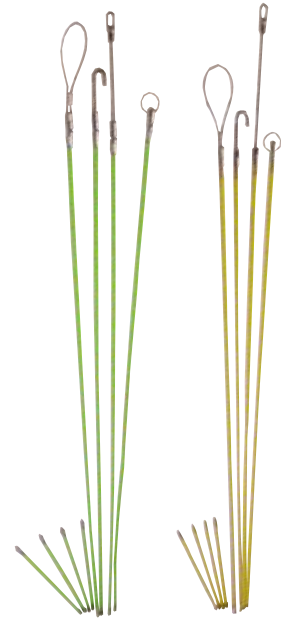


**FS5100T**  
**FS6100T**  
**WS5100T**  
**WS6100T**

**FS533T**  
**FS633T**  
**WS533T**  
**WS633T**



Model No.	Dia. (mm)	Tape Material	Length & Section Quantity	Color
FS533T	5.2	FRP Fiberglass Reinforced Plastics	10 pcs 33cm sticks	Yellow
FS5100T			10pcs 1m sticks	
FS633T	6	FRP Fiberglass Reinforced Plastics	10 pcs 33cm sticks	Yellow
FS6100T			10pcs 1m sticks	
WS533T	5.2	Single Composite Material	10 pcs 33cm sticks	Light Yellow
WS5100T			10pcs 1m sticks	
WS633T	6.2		10 pcs 33cm sticks	Light Green
WS6100T			10pcs 1m sticks	

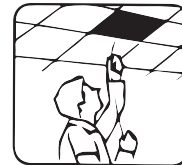


**10 pieces 1m sticks**   **10 pieces 33cm sticks**  
**Total Length 10m**   **Total Length 330cm**

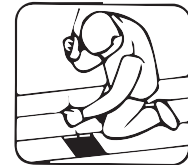
**+Accessories are for optional purchasing**

## Accessories for Section Fish Rods Kits

Different accessories for different applications and customization is welcome



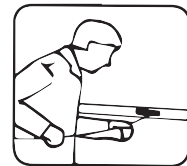
Ceiling Ducts



Under Floorboards



Wall Cavities



Trunking

Model No.	Description
FS6-1	Ring
FS6-2	Cable Tight Extender
FS6-3	Hock
FS6-4	Circle Ring
WS5-1/WS6-1	Ring
WS5-2/WS6-2	Cable Tight Extender
WS5-3/WS6-3	Hock
WS5-4/WS6-4	Circle Ring



② Cable Tight Extender



① Ring



③ Hock



④ Circle Ring

## Tube Obstacle Checking Tool

Detect the obstruction of wire exactly  
Detect the trend of tube for avoiding drilling the tube

EW-20

EW-30

EW-50



Model No.	Length (m)	Detect Capacity
EW-20	20	Metal tube thickness less than 4mm Plastic tube thickness less than 6mm Cement ground Max. thickness 280mm
EW-30	30	
EW-50	50	

GC-1



GC-2



Model No.	Description
GC-1	Tube Obstacle Checking Tool
GC-2	Tube Obstacle Checking Tool

## Cement Filling Tool

Fill the gaps of building as below  
+ Gaps between windows  
+ Door frame with wall  
+ Holes between the pipe and wall  
+ Connect two concrete blocks  
+ Filling between two acoustic Celotex board  
+ Filling between way and drive way

CEM-1

CEM-2

CEM-3



Model No.	Diameter (mm)	Length of Tube(mm)	Length (mm)	Weight (kg)	Volume	Cup	Outlet (mm)
CEM-1	61	425	650	0.87	0.9 ℓ	Straight	95x10
CEM-2	61	425	650	0.87	0.9 ℓ	Round	Dia. 15
CEM-3	61	425	650	0.87	0.9 ℓ	Straight	85x18

HF-99

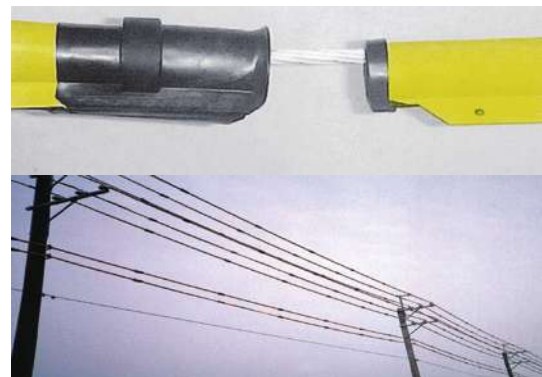


Model No.	Description
HF-99	Silicone Scraper

PL-3M

Polyethylene Line Guard / Overhead Line Guard

Protect you from electric shock of high voltage



Model No.	Voltage Proof	Inside Dimension	Length
PL-3M	AC 20kV/3 Min.	35mm	3m

STORAGE BOX SERIES



# PORTABLE STORAGE BOX

## Portable Storage Box Series The Third Generation

With modular storage system  
Organize your small parts, nuts, bolts or screws  
The parts classification is clearer  
Clear contents classification  
Multi-function portable storage box  
Double-buckled: Easy to separate or integrate



**BOX-366**

**BOX-399**



**BOX-387**

Model No.	Inner Box Quantity	Outer Frame Size (mm)
BOX-399 <i>Blue</i>	18 pcs A-Type	300(L)x145(W)x330(H)
BOX-366 <i>Orange</i>	6 pcs A-Type 4 pcs B-Type 2 pcs C-Type	
BOX-387 <i>Red</i>	12 pcs A-Type 2 pcs B-Type 1 pcs C-Type	

## Inner Boxes for Portable Storage Box Series

Suitable for tool and parts storage  
Waist buckled: Easy to take inside parts, hard to drop  
Transparent: Easy to see and recognize



**A Type**

**B Type**

**C Type**

Model No.	Size (mm)
A-Type	95(L)x65(W)x65(H)
B-Type	140(L)x65(W)x65(H)
C-Type	290(L)x65(W)x65(H)

*The partition can use space freely  
Integrated, sturdy and durable  
Large volume, more storage ways*

## Simple Type of Portable Storage Box Series

**BOX-99**

**BOX-88**



Model No.	Inner Box Quantity
BOX-88	16 pcs
BOX-99	18 pcs



## Sample View of Storage Box BOX-366



PULLING GRIP SERIES

## Waist Pouch

A black soft pliable nylon canvas waist pouch for multi-purpose. Light, comfortable & suitable for long time use



**TB-90**



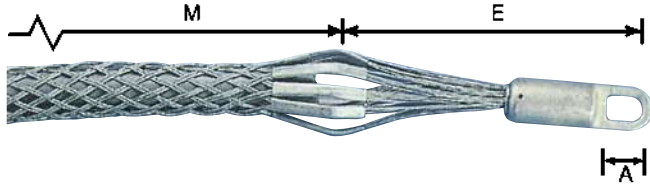
**TB-94**

Model No.	Pockets Quantity	Size (mm)
TB-90	5 pcs	225x220x130
TB-94	7 pcs	230x220x150



**Pulling Grip** Double-weave rotating eye

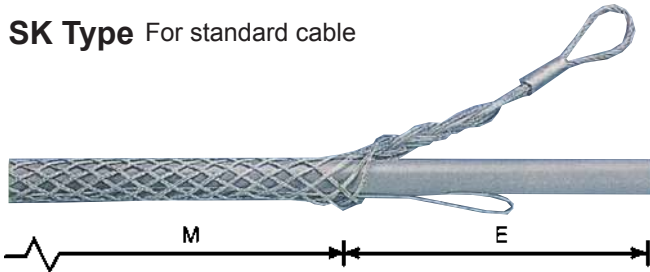
**KG Type** For heavy duty cable  
Rotating head is not a swivel



Short Type					
Model No.	Cable Dia. (mm)	Breaking Strength (kg)	E (mm)	M (mm)	A (mm)
KG-050A	10-15	2540	127	279	22
KG-062A	16-18	3084	127	279	22
KG-075M	19-25	3084	152	508	25
KG-100M	26-37	5806	180	508	34
KG-150M	38-49	7439	180	635	34
KG-200M	50-63	12338	203	660	41
KG-250M	64-75	14970	254	711	47
KG-300M	76-88	18597	254	762	47
KG-350M	89-101	21772	254	813	47
KG-400M	102-114	22680	254	864	47
KG-450M	115-127	23590	254	914	47
KG-500M	128-152	24490	254	965	47
KG-600M	153-177	25400	254	1016	47

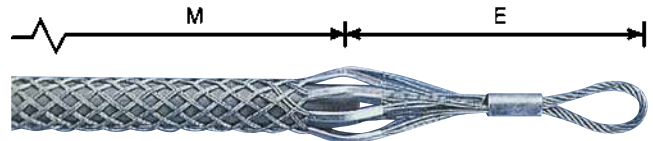
Standard Type					
Model No.	Cable Dia. (mm)	Breaking Strength (kg)	E (mm)	M (mm)	A (mm)
KG-050M	13-15	2540	127	406	22
KG-062M	16-18	3084	127	406	22
KG-075P	19-25	3084	152	813	25
KG-100P	26-31	5806	180	838	34
KG-150P	38-49	7439	180	863	34
KG-200P	50-63	12338	180	914	34
KG-250P	64-75	14970	203	965	41
KG-300P	76-88	18600	254	990	47
KG-350P	89-101	21770	254	1041	47
KG-400P	102-114	22680	254	1050	47
KG-450L	115-126	23590	254	1473	47
KG-500L	127-152	24490	254	1524	47
KG-600L	152-177	25400	254	1676	47

**SK Type** For standard cable



Model No.	Cable Dia. (mm)	Breaking Strength (kg)	E (mm)	M (mm)
SK-075A	19-25	1134	177	304
SK-100A	26-37	1587	203	381
SK-125A	32-37	1814	203	406
SK-150A	38-49	1814	228	431
SK-200A	50-63	1814	254	482
SK-250A	64-75	1814	254	508
SK-300A	76-88	1814	304	533
SK-350A	89-101	1814	304	558
SK-400A	102-114	1814	304	584
SK-450A	115-127	2270	304	610
SK-500A	128-152	2360	304	635
SK-600A	153-177	2450	304	660

**TG Type** For medium load cable

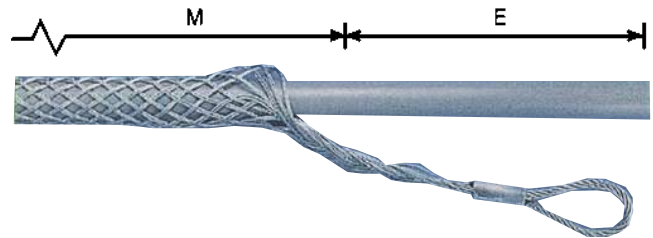


Short Type				
Model No.	Cable Dia. (mm)	Breaking Strength (kg)	E (mm)	M (mm)
TG-050-24	13-15	2041	203	533
TG-062-24	16-18	2540	203	609
TG-075-24	19-25	3084	228	609
TG-100-24	26-37	4352	228	609
TG-150-24	38-49	7439	279	609
TG-200-24	50-63	8391	304	609
TG-250-24	64-75	11113	304	660
TG-300-24	76-88	11113	355	710
TG-350-24	89-101	14061	355	762
TG-400-24	102-114	14510	381	813
TG-450-24	115-127	15420	406	864
TG-500-24	128-152	16330	432	914
TG-600-24	153-177	17240	457	964

Standard Type				
Model No.	Cable Dia. (mm)	Breaking Strength (kg)	E (mm)	M (mm)
TG-075-36	19-25	3085	228	914
TG-100-36	26-31	4354	228	914
TG-150-36	38-49	7439	279	914
TG-200-36	50-63	8391	304	914
TG-250-36	64-76	11113	304	914
TG-300-36	76-88	11113	355	914
TG-350-36	89-101	14061	355	1016
TG-400-36	102-114	14510	381	1067
TG-450-36	115-127	15420	406	1118
TG-500-36	128-152	16330	432	1168
TG-600-36	153-177	17240	457	1219

**SG Type**

Slack grip split mesh lace closing



Model No.	Cable Dia. (mm)	Breaking Strength (kg)	E (mm)	M (mm)
SG-075A	19-25	1134	127	279
SG-100A	26-37	1587	127	279
SG-125A	32-37	1814	152	508
SG-150A	38-49	1814	228	431
SG-200A	50-63	1814	254	482
SG-250A	64-75	1814	254	508
SG-300A	76-88	1814	304	533
SG-350A	89-101	1814	304	558
SG-400A	102-114	2180	304	584
SG-450A	115-127	2270	304	610
SG-500A	128-152	2360	304	635
SG-600A	153-177	2450	304	660

# HOIST & ACCESSORY

## Hoist & Accessory

Ratchet hoist and pulling grip

### P Type



Model No.	Capacity (ton)	Wire Dia. & L (mm)	Max. L (mm)	Min. L (mm)	Level L (mm)	Weight (kg)
P1000	1	5x2200	1230	410	330	3.2
P1500	1.5	6x2200	1250	450	430	4.4
P2000	2	5x3200	1870	480	430	4.2

### WS Type

FRP Insulated Handle  
Single Strap 1.5M



Model No.	Capacity (ton)	Strap Size (mm)	Max. L (mm)	Min. L (mm)	Level L (mm)	Weight (kg)
WS1000	1	2x33	2000	420	400	3.2
WS1500	1.5	2.2x40	2000	450	460	4.5

### WSL Type

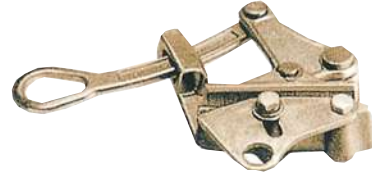
FRP Insulated Handle  
Double Strap 1.5M  
Single Strap 3M



Model No.	Capacity (ton)	Strap Size (mm)	Max. L (mm)	Min. L (mm)	Level L (mm)	Weight (kg)
WS1000L	1	2x33	2000	460	400	3.6
WS1500L	1.5	2.2x40	2000	500	460	4.5

## Wire Grip

### WG-30



Model No.	Dia. (mm)	Safety Load (kg)	Weight (kg)	Teeth	Application
WG-20	4-22	2000	1.4	NO	Bare Aluminum Cable & ACSR
WG-30	16-32	3000	2.8	NO	
WG-11	2.6-15	1000	0.7	YES	Copper Cable & Covered Conductor & Messenger Wire
WG-21	4-22	2000	1.4	YES	
WG-31	16-32	3000	2.8	YES	

## Double D Ring Safety Belt

H-227 Thick pad belt  
secure waist



Model No.	Lanyard	Pad Belt	Snap Belt	Accessory
H-227	Dia.:16mm Length: 2200mm	Width: 90mm Length: 700mm	Width: 45mm Length: 1200mm	1 pc Double Lock Buckle 3 pcs D Ring 1 pc Tetragonal Ring 1 pc Double Lock Safety Hook 1 pc Cushion Belt 1 pc Bundle of Belt 1 pc Sliding Handle

HOIST SERIES

## Wire Gauge List FOR REFERENCE ONLY

Conductor Size	mm <sup>2</sup>	JIS	DIN
30AWG	0.05		
28AWG	0.08		
26AWG	0.13		
24AWG	0.20		
22AWG	0.32		
20AWG	0.52		
18AWG	0.81		0.9
16AWG	1.32	1.5	1.5
14AWG	2.08	2	2
12AWG	3.33		4
10AWG	5.27	5.5	6
8AWG	8.30	8	10
6AWG	13.30	14	16
5AWG	16.78		
4AWG	21.09	22	25
3AWG	26.57		
2AWG	33.94	38	35
1AWG	42.22		
1/0	53.52	60	50
2/0	67.51		70
3/0	85.16	80	95
4/0	107.22	100	
250MCM	126.68	125	120
300MCM	152.01	150	150
350MCM	177.38	180	185
400MCM	202.68	200	240
500MCM	253.35	250	
600MCM	304.02	325	300
700MCM	354.69		
750MCM	380.03		
800MCM	405.36	400	400
900MCM	456.03		
1000MCM	506.70	500	500
1500MCM	13.5		
1750MCM	17.5		
2000MCM	20.5		





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