

**NovoPress**  
Mastering Innovation



**Stone - Stamcor**  
bringing power to your product

**Busbar Fabrication Equipment**





## THREE IN ONE BUSBAR FABRICATING SLB 125

**novopress**  
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### Features:

- Especially robust and stiff frame.
- Very high quality cutting, bending and punching.
- High operating safety with the built-in safety system.
- Lightning-swift tool changes with a minimum of manipulation.
- The 150 bar low-pressure system ensures a long service life and very fast cycle times.
- Punches copper and aluminum busbars up to 13 mm thick, elongated holes up to 21 x 14 mm and round holes up to 21 mm in diameter.
- Busbars bent accurately up to 120° – very accurate reproducibility of the set angle.

### Step bending tool



### SLB 125 Accessories

- **Small step bending tool (O/N 31425)**  
For quick and 100 % parallel step bends, on up to 80 x 8 mm busbars. Step = 21 mm wide and 18 mm high.
- **Large step bending tool (O/N 31646)**  
For quick and 100 % parallel step bends, on up to 120 x 10 mm busbars. Step = 37 mm wide and 25 mm high.
- **Short leg bender (O/N 31636)**  
The supplementary -short leg bender will allow short "L"- bends with only 25 mm leg. SLB 125 standard setup will allow 45 mm as shortest leg.
- **Special U-bender 60 mm (O/N 42430)**  
Accomplish small and tight U-bends like on no other multi purpose busbar centre. Precise and tight U-bends like on dedicated bending machines e.g. BGD-5eco are possible with this special accessories for the SLB 125.

### Technical Data

Ref. 39659

Depth	750 mm
Width	750 mm
Height	1.145 mm
Weight	180 kg
Operating Pressure	150 bar
Force	180 KN
Power rating	0.75 kW
Voltage	230 V 1~/50 Hz
Cutting max.	125 x 13mm 250 N/mm <sup>2</sup>
Punching	max. ø 21 mm
Bending	max. 125x13mm 250 N/mm <sup>2</sup>



Special U-bender



Short leg bender



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### Hydraulic Power Pack HA 3



Leaders when it comes to switchgear manufacturing. Novopress hydraulic power packs are designed to operate at a low 150 bar over a wide range of applications.

This design combines the clear advantages of increased work safety, and long service life for the tool and its attached devices. In addition, these hydraulic power packs are a byword for the high quality associated with all Novopress products.

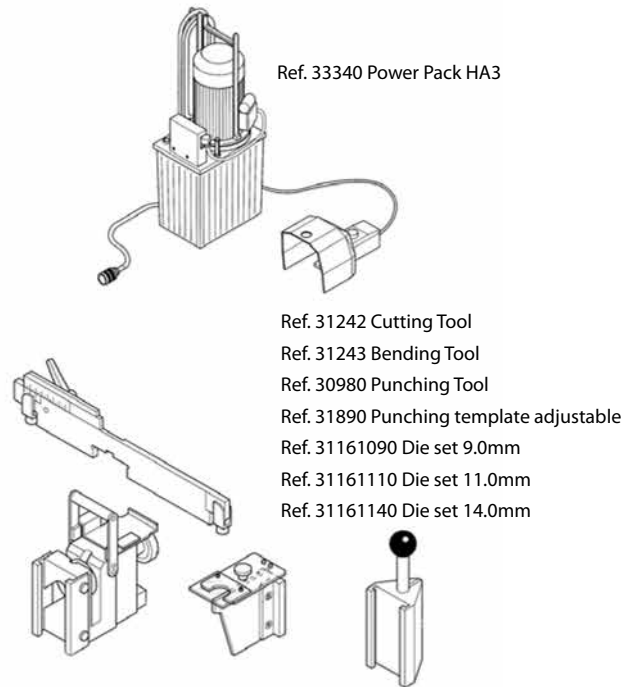
For heavy duty applications and continuous production, the HA 3 Power Pack, is the professional choice.

With a high performance drive and extended oil volume, the HA 3 is the ideal power pack for demanding busbar production, and/or continuous cable assembly. Available with or without 24 V controls for hand operated crimping tools.

#### Technical Data

Drive	230 V - 750 W, 4 A
Weight	26 kg
Height	550 mm
Length	270 mm
Width	260 mm
Oil capacity	5.5 l
Operation S 3	S 1=
Safety class	IP 55
Hydraulic hose	2.5 m
Operating pressure	150 bar (2.200 psi)
Oil flow	4.0 l/min.

### Ref. 39659 SLB 125 Complete System



Ref. 33340 Power Pack HA3

Ref. 31242 Cutting Tool

Ref. 31243 Bending Tool

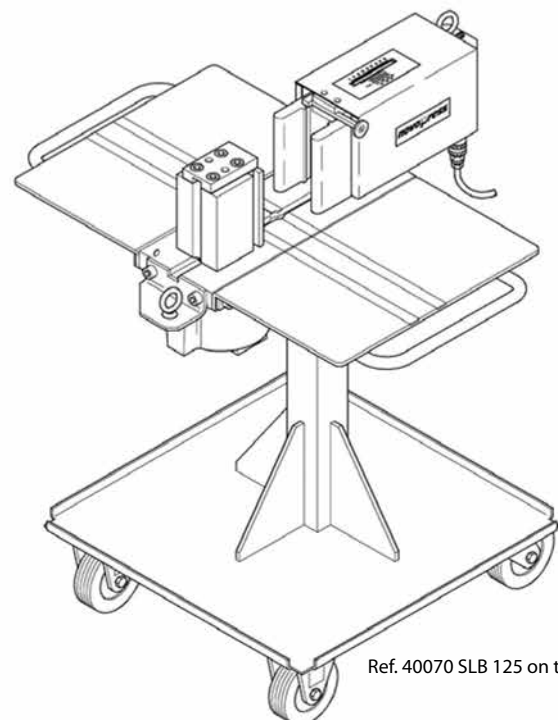
Ref. 30980 Punching Tool

Ref. 31890 Punching template adjustable

Ref. 31161090 Die set 9.0mm

Ref. 31161110 Die set 11.0mm

Ref. 31161140 Die set 14.0mm



Ref. 40070 SLB 125 on trolley



**NOVOPRESS**



**HSBL-2 Cutting Tool - Ref.No. 7020**



For portable and stationary cutting applications up to 160 x 13 mm (6"x1/2") the HSBL-2 Cutting Tool 160 is the ideal choice for professional busbar production. State of the art operator safety and additional accessories like Stop Device are making the HSBL-2 Cutting Tool 160 an integrated part of our busbar production lines.

**Technical Specifications - Ref.No. 7020**

Height	940 mm (incl. work-cylinder)
Depth	310 mm
Width	4000 mm
Weight	53.9 kg
Operating pressure	150 bar (2200 psi)
Force	150 KN
Cutting perf. max.	160 x 13 mm 250 N/mm <sup>2</sup>
Cycle time	15 sec.

Recommended power pack is HA 3

**HSBL-2 Cutting Tool Advantages:**

- Excellent cutting quality by symmetric knives
- Long-lasting cutting knives
- Short cycle times about 15 sec.
- High safety standards

Work Cylinder HSBL-2	Ref.No. 2420
Cutting Tool 160	Ref.No. 7020
Vice for 7020	Ref.No. 7030
Stop Device for 7020	Ref.No. 6990



**HSBL-2 Punching Tool - Ref.No. 7050**



For portable and stationary cutting applications up to 160 x 13 mm (6"x1/2") the HSBL-2 Punching Tool 160 is the ideal choice for our busbar production. State of the art operator safety and additional X-Y positioning device will vanquish the need for premeasuring and centre marking on your busbar. Excellent punching quality with round, elongated and square dies are making the HSBL-2 Punching Tool 160 the ideal option for small and medium workshops.

**Technical Specifications - Ref.No. 7050**

Height	900 mm (incl. work-cylinder)
Depth	310 mm
Width	460 mm
Weight	56.8 kg (incl. work-cylinder)
Operating pressure	150 bar (2200 psi)
Force	150 KN
Cutting perf. max.	160 x 13 mm 250 N/mm <sup>2</sup>
Cycle time	5.5 sec.*

Recommended power pack is HA 3. \* Busbar 120 x 10 mm

**HSBL-2 Punching Tool Advantages:**

- Excellent punching quality burr free
- Easy positioning in X/Y- axis
- Large assortment of round, elongated and square dies
- Fast and easy tool change

Work Cylinder HSBL-2	Ref.No. 2420
Punching Tool 160	Ref.No. 7050
Stop Device for 7050	Ref.No. 7190
Punching Tool 160 incl. Stop Device	Ref.No. 34243

**HSBL-2 Bending Tool - Ref.No. 1179**



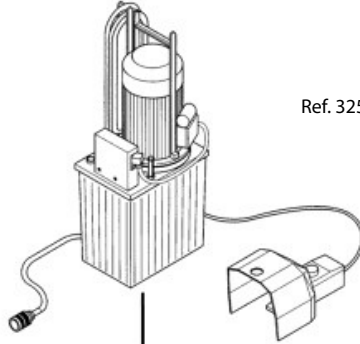
The Hydraulic Bending Tool 120 is ideal for portable use and smaller works up to 120 x 10 mm. A Hydraulic Stop for adjusting the bending angle is available as an accessory.

Work Cylinder HSBL-2	Ref.No. 2420
Bending Tool 120	Ref.No. 1179
Hydraulic Stop for 1179	Ref.No. 7190

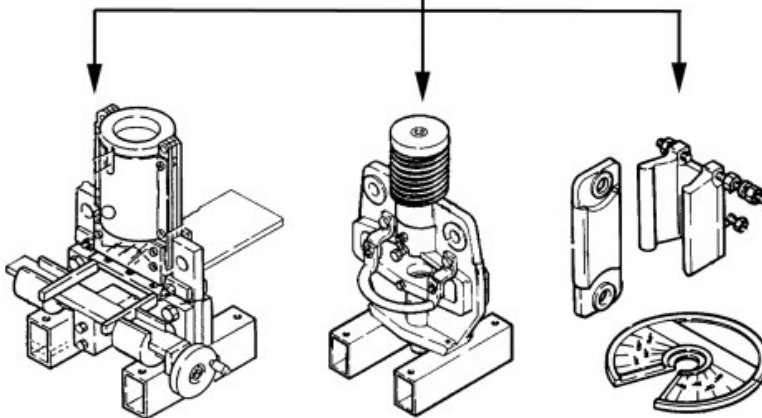
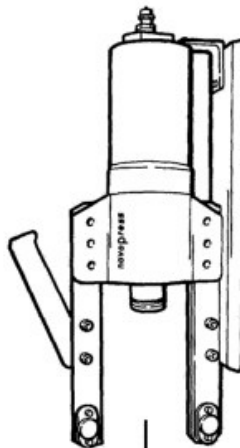


**Ref. 3966-1 HSBL-2 Starter System**

Ref. 32530 Power Pack HA3



Ref. 2420 HSBL-2 Work cylinder



**Cutting:**

- Ref. No. 7020 Cutting Tool\*

**Punching:**

- Ref. No. 7050 Punching Tool\*
- Ref. No. 200090 Die set 9.0mm
- Ref. No. 200110 Die set 11.0mm
- Ref. No. 200140 Die set 14.0mm

**Bending:**

- Ref. No. 1179 Bending Tool 120

\* No Hydraulic Stop