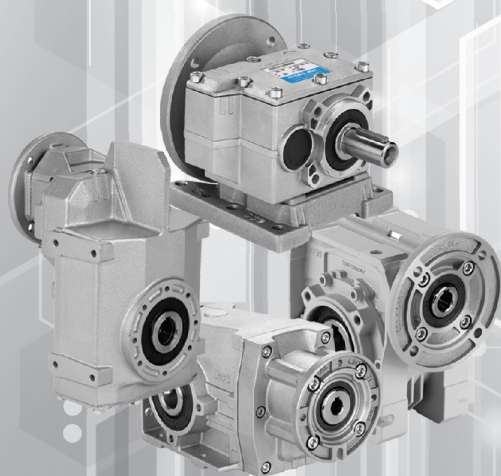




# Stone-Stamcor

bringing power to your product

**HYDRO-MEC European  
Quality Gearboxes**



**Thomson Linear  
Motion Products**



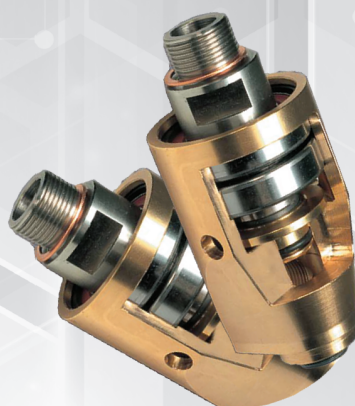
**Squirell Cage  
AC Motors**



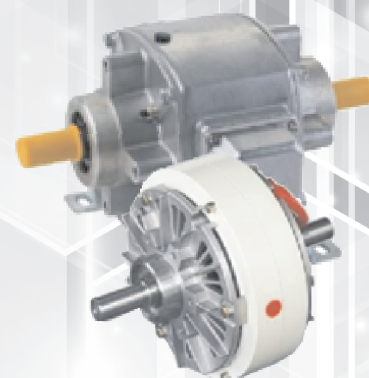
**NIIKA Converting  
Products**



**Rotoflux Rotary  
Unions**

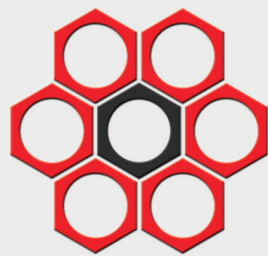


**Electromagnetic & Powder  
Clutches & Brakes**



Short Form Catalogue February 2018

[www.stonestamcor.co.za](http://www.stonestamcor.co.za)



# Stone-Stamcor

bringing power to your product

## PROFILE

The Company was first established in 1942 as J Stone & Co (Africa) (Pty) Ltd and was renamed Stone-Stamcor (Pty) Ltd in 1965.

Our Head Office is located in Sebenza, Edenvale, Gauteng with 4000m<sup>2</sup> of factory and administration facilities. We are nationally supported by regional sales branches in Durban and Cape Town. Stone-Stamcor has a wide product range supplying the electrical and mechanical Industries.

The core business of the Electrical Division is the manufacture of a comprehensive range of Copper and Aluminium Compression Cable Connectors (Lugs and Ferrules) for fitment to cable conductors.

These products are supplemented with other types of connectors for earthing and customer specific solutions for special applications. Stone-Stamcor also supply a full range of compression crimping and cable cutting tools.

The Mechanical Division represents a number of renowned international companies & quality brands and can supply a range of industrial gearboxes, motors, linear motion control products, converting industry products and rotating unions to name a few.

Stone-Stamcor is an ISO 9001 certified company – certified by the BSI Group.

In addition Stone-Stamcor is a SANAS accredited BBBEE certified company.

## OUR MISSION

To know and understand our role in the supply chain.

To aspire to be the preferred provider by supply of quality and cost competitive products and providing service excellence.

To provide a work environment and job security for our employees through entrenchment of ethical labour practices, sound corporate governance and compliance with statutory legislation requirements.

To establish and maintain a management system that provides the customer assurance of meeting and exceeding their requirements.

**BBBEE**  
**LEVEL 4**  
CONTRIBUTOR







**ASK ABOUT OUR WIDE RANGE OF INDUSTRIAL MACHINERY PARTS SUCH AS BRAKES, CLUTCHES SAFETY CHUCKS AND MANY MORE!**



## ROTOFLUX - ROTARY UNIONS



### Universal



S-Series  
50 bar - 725 PSI  
130°C - 265°F  
3.500 RPM  
1/4" ÷ 2"  
Pass. 1 ÷ 2

### Air and vacuum



T-Series  
10 bar-145 PSI (air)  
6,7 Kpa - 28" Hg  
(vacuum)  
120°C - 245°F  
3.500 RPM  
1/8" ÷ 2"  
Pass. 1

### Stainless steel



F-Series  
50 bar - 725 PSI  
120°C - 245°F  
3.500 RPM  
1/4" ÷ 2"  
Pass. 1 ÷ 2

### High speed



A-Series  
100 bar - 1.450 PSI  
90°C - 195°F  
15.000 RPM  
1/4" ÷ 3/8"  
Pass. 1  
Yes for dry running

### High pression



C-Series  
400 bar - 5.800 PSI  
90°C - 195°F  
1.500 RPM  
1/4" ÷ 3/4"  
Pass. 1

### High speed + air



B-Series  
100 bar - 1.450 PSI  
90°C - 195°F  
20.000 RPM  
1/4" ÷ 3/8"  
Pass. 1  
Yes for dry running

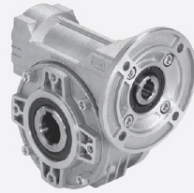
### High speed + air



A-Series  
10 bar - 145 PSI  
90°C - 195°F  
15.000 RPM  
1/4" ÷ 3/8"  
Pass. 1  
Yes for dry running

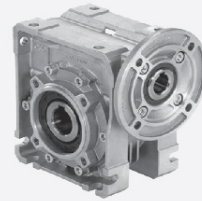
## HYDRO-MEC

### Worm Gearboxes



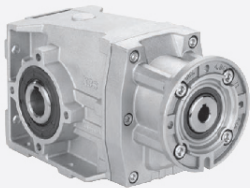
SIZE	OUTPUT TORQUE	OUTPUT SHAFT
030	21 Nm	ø14
045	41 Nm	ø18
050	72 Nm	ø25
063	147 Nm	ø25
63A	191 Nm	ø28
085	347 Nm	ø35
110	651 Nm	ø42

### Square Worm Gearboxes



SIZE	OUTPUT TORQUE	OUTPUT SHAFT
Q30	21 Nm	ø14
Q45	41 Nm	ø18
Q50	72 Nm	ø25
Q63	147 Nm	ø25
Q75	270 Nm	ø30
Q85	347 Nm	ø35
Q11	651 Nm	ø42
Q13	1050 Nm	ø45
Q15	1550 Nm	ø50

### Aluminium Helical - Bevel Gearboxes



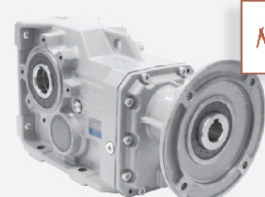
SIZE	OUTPUT TORQUE	OUTPUT SHAFT
X22S	50 Nm	ø20
X32/3S	100 Nm	ø20
X42/3A	160 Nm	ø25
X52/3A	250 Nm	ø30
X62/3A	410 Nm	ø35

### Cast Iron Helical - Bevel Gearboxes



SIZE	OUTPUT TORQUE	OUTPUT SHAFT
113/4C	675 Nm	ø40
133/4C	1000 Nm	ø45

### Cast Iron Helical - Bevel Gearboxes



SIZE	OUTPUT TORQUE	OUTPUT SHAFT
X93/4C	1650 Nm	ø50
X103/4C	3000 Nm	ø60
X113/4C	4600 Nm	ø70

### Aluminium single stage gearboxes



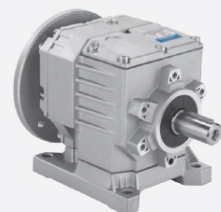
SIZE	OUTPUT TORQUE	OUTPUT SHAFT
211A	20 Nm	ø14
311A	30 Nm	ø14
411A	38 Nm	ø19
511A	110 Nm	ø28

### Aluminium coaxial gearboxes compact version



SIZE	OUTPUT TORQUE	OUTPUT SHAFT
202A	70 Nm	ø16
302A	120 Nm	ø20
452A	300 Nm	ø30

### Aluminium coaxial gearboxes



SIZE	OUTPUT TORQUE	OUTPUT SHAFT
402/3A	160 Nm	ø25
502/3A	350 Nm	ø30
602/3A	520 Nm	ø35



## GEARBOXES

### Cast iron single stage gearboxes



SIZE	OUTPUT TORQUE	OUTPUT SHAFT
501C	225 Nm	ø30
701C	380 Nm	ø35
801C	670 Nm	ø40
851C	700 Nm	ø50
901C	1175 Nm	ø60

### Cast iron coaxial gearboxes



SIZE	OUTPUT TORQUE	OUTPUT SHAFT
502/3C	320 Nm	ø30
702/3C	675 Nm	ø35
802/3C	900 Nm	ø40
852/3C	1800 Nm	ø50
902/3C	2100 Nm	ø60

## HYDRO-MEC

### Shaft Mounted Gearboxes



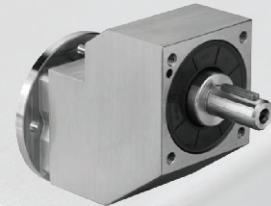
SIZE	OUTPUT TORQUE	OUTPUT SHAFT
FA41/2/3	320 Nm	ø30
FA52/3	510 Nm	ø35
FC61/2/3	675 Nm	ø35
FC71/2/3	900 Nm	ø40
FC81/2/3	2100 Nm	ø50

### Stainless steel worm gearboxes



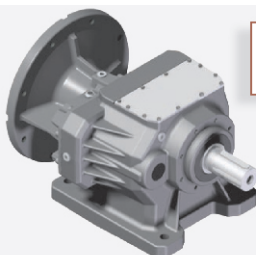
SIZE	OUTPUT TORQUE	OUTPUT SHAFT
I30	21 Nm	ø14
I45	41 Nm	ø18
I50	72 Nm	ø25
I63	147 Nm	ø25
I85	347 Nm	ø35
I11	651 Nm	ø42

### Stainless steel single stage gearboxes



SIZE	OUTPUT TORQUE	OUTPUT SHAFT
4111	38 Nm	ø19

### Cast iron coaxial gearboxes



New

SIZE	OUTPUT TORQUE	OUTPUT SHAFT
1002/3C	3000 Nm	ø60
1102/3C	4600 Nm	ø70

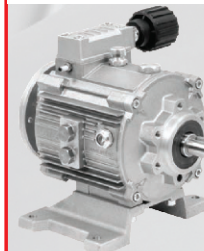
### Stainless steel motors



### Specials



### Atex speed variator



0 - 1450 rpm  
with adjustable  
torque limiting  
system included.

0 - 1450 rpm  
Con controllo coppia  
integrato regolabile

SIZE	POWER
K2	0.37 - 075 kW
K4	1.1 - 1.5 kW
K5	2.2 - 3 - 4 kW

# RELIABLE AND ROBUST IN RUGGED APPLICATIONS!

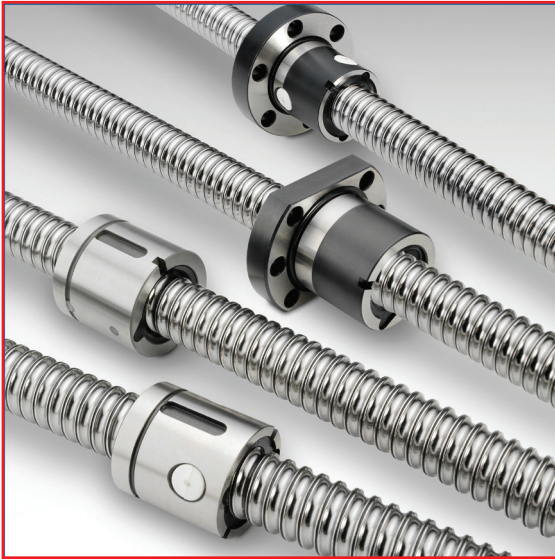
The new Thomson Max Jac® heavy-duty electric linear actuator is designed for high performance in the toughest applications such as: fertilizer or salt and sand spreaders, throttle control or seeding applications, plus a broad array of marine, offshore, rail, mining and other applications with significant wash down or exposure to aggressive substances.

- Shortest overall length versus stroke
- Fast and accurate
- Resistant against vibration and impacts
- Large operating temperature range from -40 to +85 °C
- Possibility to work at 100% duty cycle
- Long and virtually maintenance free life
- IP69K protection class status.

Get detailed information on [www.thomsonlinear.com/maxjac](http://www.thomsonlinear.com/maxjac) or contact your local authorised Thomson distributor:







**THOMSON**  
*Linear Motion. Optimized.™*

# GET BALL SCREWS WITH HIGHEST LEVEL OF PERFORMANCE AND QUALITY

Not all ball screws are alike. Differences in design, quality, materials, manufacturing and application support are all factors that affect their performance and extend their lives.

Thomson has a background in flight-critical aerospace and defense applications that uniquely positions us to provide the highest levels of quality across all of our ball screw products. They come in wide range of diameters and leads, ball nuts are available in a variety of standard and nonstandard configurations with pre-loading upon request.





# GEARHEADS THAT MEET THE MOST STRINGENT INDUSTRIAL REQUIREMENTS

Corrosion-resistant, fully watertight MICRON® AquaTRUE™ planetary gearheads defy harshest environments with IP66 to IP69 protection.

They are an ideal fit for applications with high pressure washdown like in food packaging, beverage filling machines, medical technology equipment, pharmaceutical laboratory and production facilities, slicing machines in meat processing and applications with cleaning procedures that utilise high levels of water or chemicals.



**THOMSON**  
*Linear Motion. Optimized.™*

# CONFIGURE THE OPTIMAL LINEAR MOTION SYSTEM FOR YOUR APPLICATION

The range of Thomson linear motion systems is the most advanced, most comprehensive product portfolio available today. It covers the smallest and most compact linear motion systems to the biggest and most robust.

The range of guide and drive systems can be configured economically and can also work in harsh environments, at high speeds and in high precision applications like in handling, packaging and other factory automation applications.

**THOMSON**  
*Linear Motion. Optimized.™*



# NEED SOME LINEAR GUIDANCE?

Thomson offers the world's largest selection of inch and metric linear ball bushing bearings. Choose from over nine different families of linear bearing and linear bearing accessories, all state-of-the-art and top-of-the-line for all types of applications.

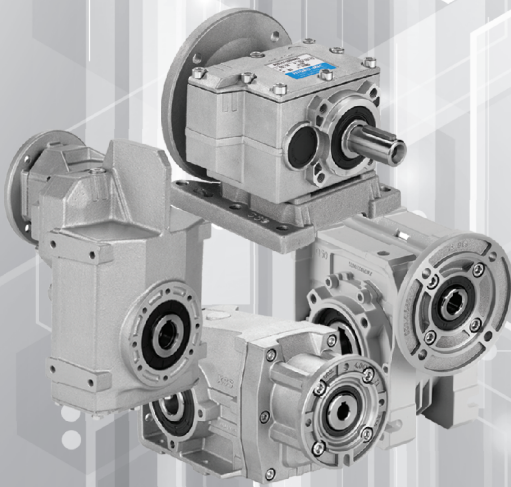




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JHB: 011 452 1415 | DBN: 031 304 9757 | CT: 021 511 8143

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