



Stainless Accessories Facility Presentation

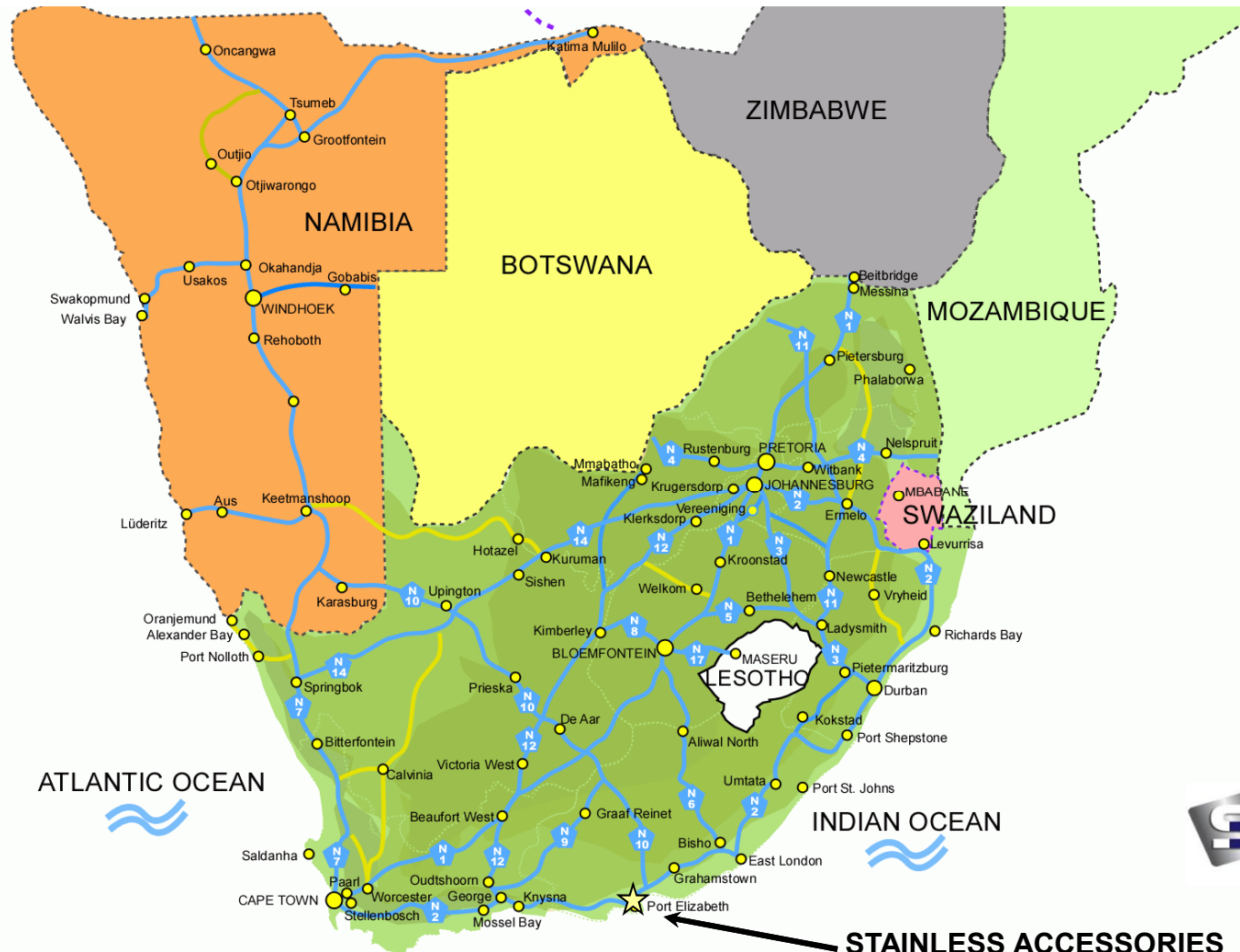


a Division of

STAINLESS
ACCESSORIES
(PTY) LTD



WHERE ARE WE



**STAINLESS ACCESSORIES
EASTERN CAPE**

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About us



Stainless Design manufacture a range of patented components for Glass and Stainless Steel Balustrades and mirror polished Stainless Steel tubing.

We are a proudly South African company and our products are conceptualised, developed and manufactured in South Africa.

We supply Glass and Stainless Steel Balustrade Components that conform to both local and international safety legislation and are supplied with certificates of compliance.

At Stainless Design we use our expertise in automated production to manufacture our patented products at consistently the highest quality and to enable us to offer them at competitive prices.

Stainless Design is a division of Stainless Accessories, a TS 16949 accredited manufacturer of original equipment automotive components.

Stainless Accessories process in excess of 500 tons of Stainless Steel monthly, all of which is sourced locally from Acerinox and of European standard. Our products are supplied with Mill Test Certificates, upon request and all Stainless Steel is of guaranteed quality. We are currently the third largest purchaser of Stainless Steel in South Africa.

We have been awarded original equipment supplier of the year on numerous occasions and strive continually for 100% quality and on time delivery.

Stainless Accessories is a certified ISO 9001 & ISO/TS 16949 company and target a zero defect rating across all departments.

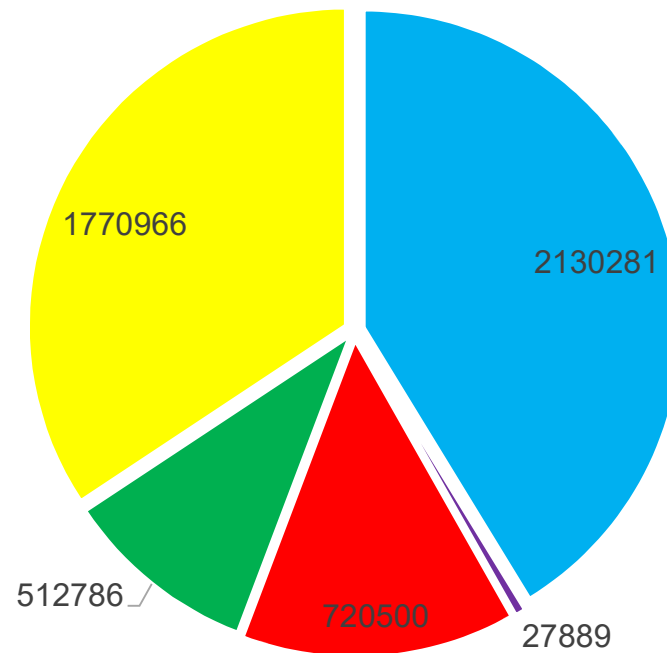


Automotive Customers



Parts Shipped

Customer	Parts Shipped
Eberspaecher	2 130 281
Benteller	27 889
Faurecia Exhaust PE	720 500
Faurecia Emission CT	512 786
Tenneco	1 770 966
Total for the year	5 162 422

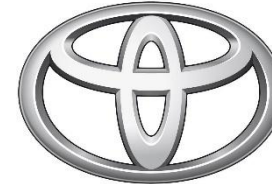


■ Eberspaecher ■ Benteller ■ Faurecia Exhaust PE ■ Faurecia Emission CT ■ Tenneco

COMPONENTS MANUFACTURED FOR THE FOLLOWING MOTOR MANUFACTURERS



Mercedes-Benz



TOYOTA

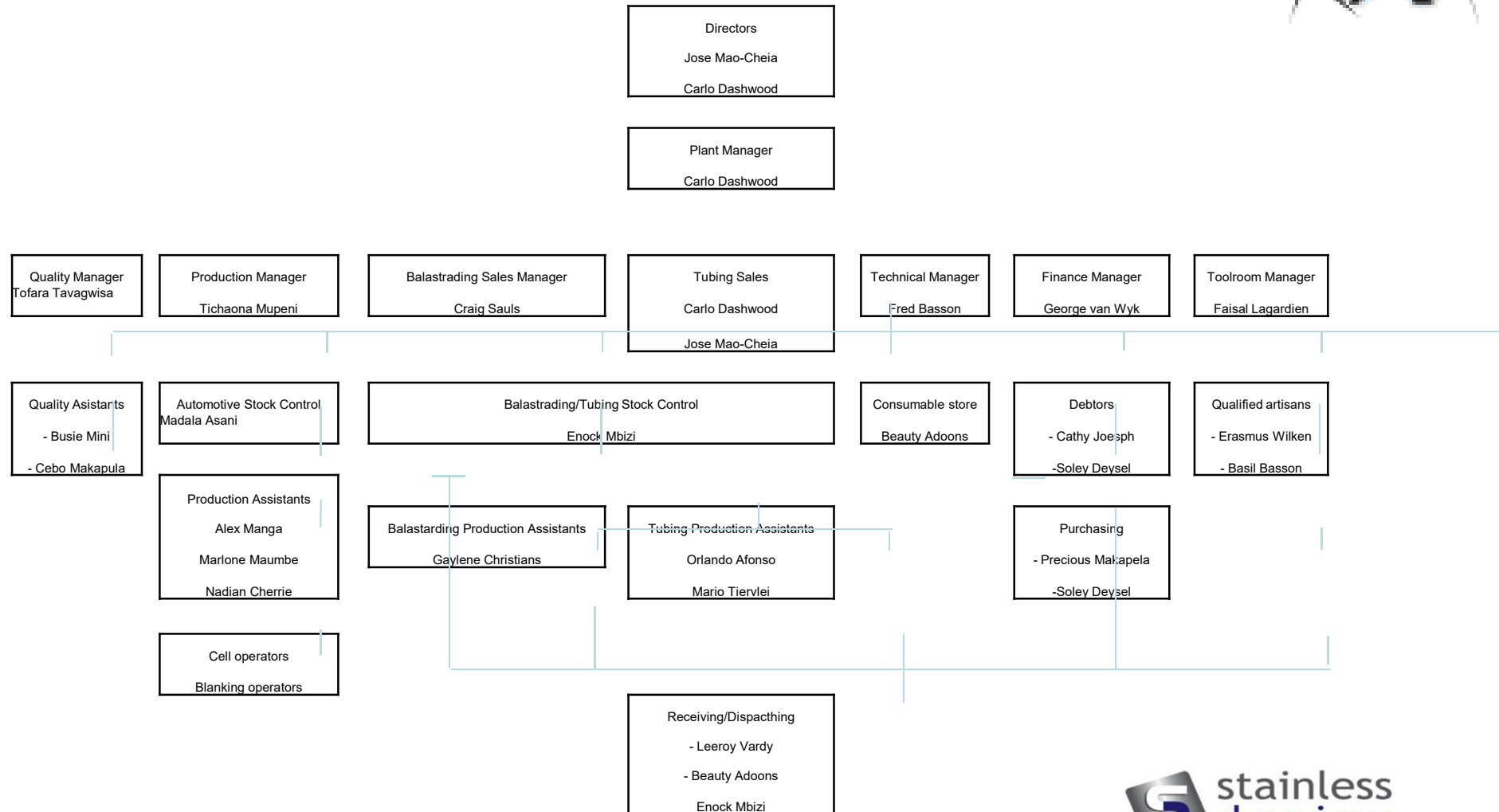


RENAULT



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Organogram



THE PLANT



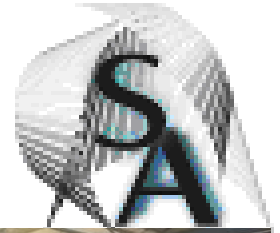
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Coil Storage and Loading



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BLANKING PROCESS



Stainless Accessories currently has four blanking lines all of which are dedicated to Shell blanking.

These lines exceed the out put of the factory and comfortably run a single shift. This contingency of having four lines facilitates production in the event of a breakdown.

This also enables us to process coil (up to 800mm wide) for large diameter shells of varying lengths with a single blanking tool. This will enable us to blank much larger shell blanks in house without having to outsource this process thereby reducing our costs.



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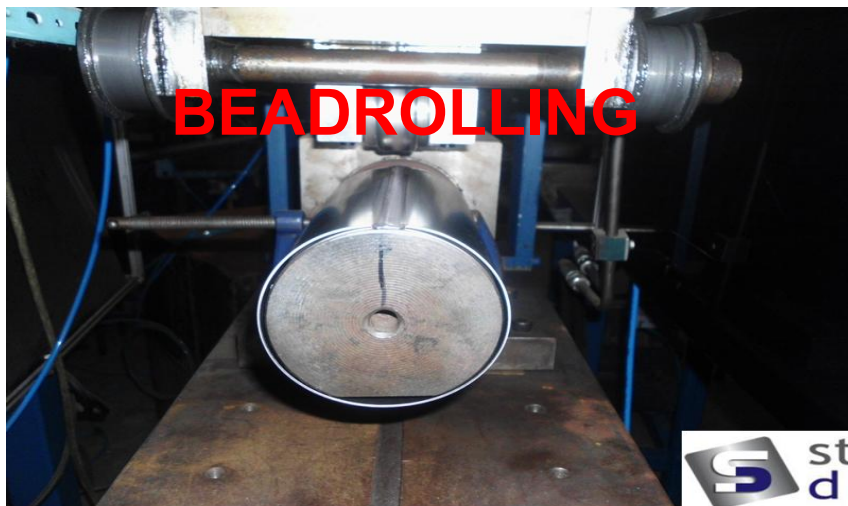
Shell Production



- Stainless Accessories boasts over 30 complete cells each manufacturing complete cases for OE supply.
- With these cells we currently produce in excess of 700 000 shells per month with our current capacity reaching 1 200 000 units per month.
- Production is calculated based on a single shift working a 5 day week.



FABRICATION PROCESS



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TUBING DEPARTMENT



Stainless Accessories is currently running five tube mills with the capability of producing tubing from 12.75 Dia. up to and including 60 Dia. Both Austenitic and ferritic steels from 1mm-2mm thick can be accommodated.

A finishing process for ornamental tubing has been developed and mirror finished tubing is being sold to the local market.



Polishing Department



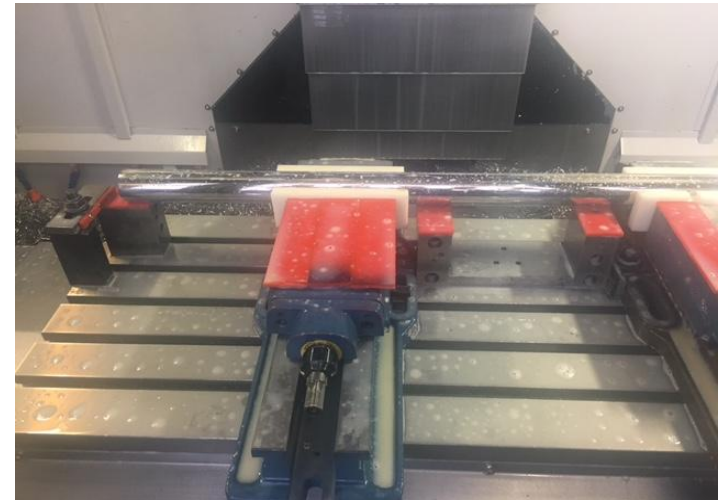
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Injection Moulding



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Balustrading



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Drilling



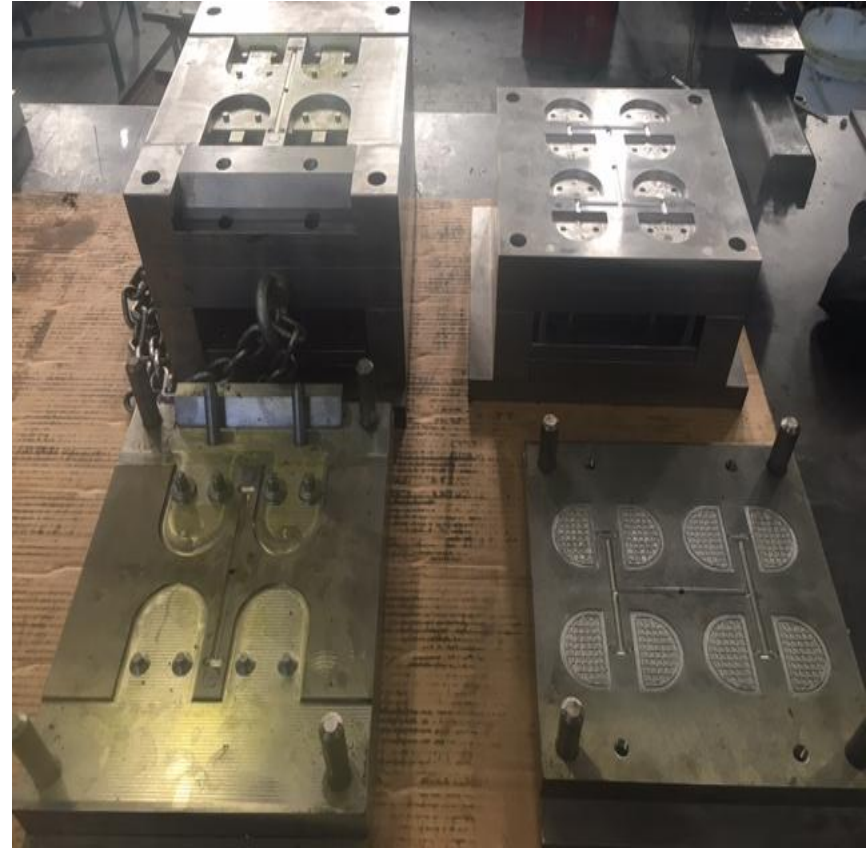
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Slug Tooling



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Pressure Bracket Tooling



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Handrail Tooling



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Spec Sheet








Control Plan

Base Cover 38.1mm Square-316

Code:

BC3SQ-6



#	Item	Operation	Product	Ch	Specification	Method
1		Ordering	strips	CC	Sheet ordered from NDE, Eurosteel or Mac Steel. Sheets sent to be cut into strips - 125 x 0.9 x 1250mm cut short ways - 316s/s	cert
2		Receiving			Strips delivered - allow 5 days lead time	
3		Blanking	Blank tool # BLA-BC3SQ-6	SC HI CC	Hole Dia @ 38.6mm+-0.2mm OD @ 120mm+- 0.5 NO burrs or damage	vernier vernier visual
4		Forming	form tool # FOR-BC3SQ-6	CC	NO Burrs or deep scratches NO pit marks damage	visual visual
5		Polishing	Vibratory polisher	SC	as per WI 2.5kg Polishing Powder - PKV Cycle 1 - (treatment) 8 hrs Polishing Time - 6hrs	visual
6		Final Inspection		CC SC	NO scratches or pit marks NO Burrs Check bottom of Base cover for 'lip marks'	visual visual visual
		Weight of the part		CC	0.07kg	Scale