

INTRA TRADE
AFRICA

Your One-Stop Engineering, Repair
and Component Solution

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ABOUT INTRA TRADE AFRICA

ONE-STOP SOLUTION



ITA is a one-stop solution to our customers with the need to salvage or repair powertrain components, hydraulic cylinders, and or require general engineering work on conventional machines or production components that require CNC machining capabilities.

We also offer customers advanced coating technologies through Arc, HVOF, Plasma thermal spray solutions. Intra Trade Africa has 30 years of cylinder, powertrain, thermal spray and general machining experience and has specialized suppliers servicing us. We offer a diverse services to all our customers and manage the customers expectations from start to end.

Intra Trade Africa services the entire SADC and West Africa regions from its base of operations in South Africa. We access an advanced logistical network to move materials, components and parts to where they are needed.



ABOUT INTRA TRADE AFRICA

VISION

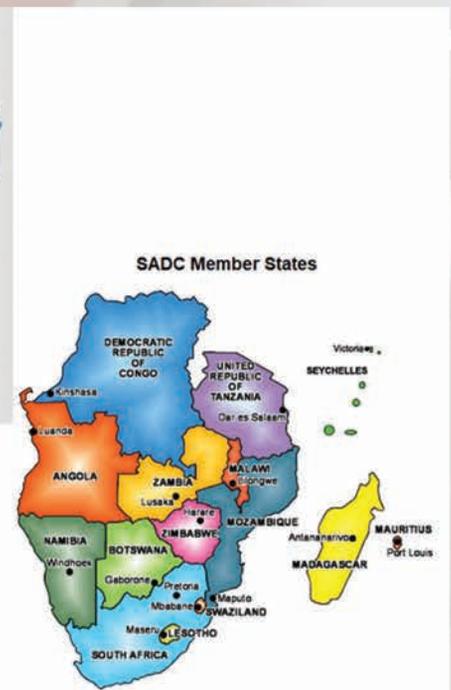
We offer the market innovative and customized solutions that will enhance customer experiences, lower operating cost and deliver customer focused service to become our customers preferred supplier. We want to grow and expand our services in the total Africa SADC region.

MISSION

- We deliver quality and precision products with value adding service to our customers who we serve.
- We create long term customer relationships and strive to become our customers preferred go to supplier.
- We create value by reducing customer operating cost though excellent customer service and innovative solutions.

VALUES

- Safety First
- Integrity
- Professionalism
- Teamwork
- Customer Relations



CUSTOMER BASE - SADC



SERVICE DELIVERY

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HYDRAULIC

Hydraulic Cylinder, Pump, Valves and Motor Repairs



POWERTRAIN

Powertrain Repairs



WELDING

Specialized Welding, Tungsten Weld



GENERAL MACHINING

General Machining and Production CNC Works



CHROME PLATING

Chrome & Bronze Plating



ROCK DRILL – HYDRAULIC DRIFTERS

All drifters that we repair is fully test bench tested



PORTA PLINTH

Pipe Support Cradle Developed for all Industries



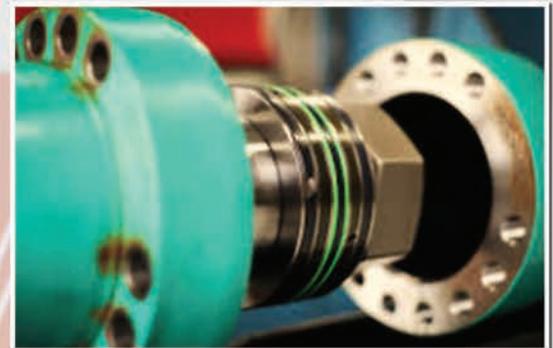
HYDRAULIC CYLINDERS

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**ALL MINING, CONSTRUCTION & TRUCK
& TIPPER OEM & CUSTOM CYLINDERS.
HIGH & LOW PRESSURE.**

- General Repairs
- Supply New
- Supply Tubing
- Chrome Plating Internal and External
- HVOF on Rods
- Bronze Plating
- Manufacture New Parts
- Reverse Engineering
- OEM and Custom Made Parts / Aftermarket



HYDRAULIC CAPABILITY & CAPACITY

PRODUCTS

- Unhoned and Honed Tubing 2"- 8" & 40 mm – 270 mm Dia
- Make-up tubing - 130 to 350 mm ID
- Chrome Stock - 6 to 127 mm & Make-up 130 - 350mm
- Induction Chrome Stock - 6 to 127mm & Make-up 130 - 350mm
- OEM Parts & Custom Parts
- Cylinder Kits - 40/20 to 125/75

EQUIPMENT

- Conventional Lathe - 15m x 680mm
- Milling - 2m
- CNC - 500mm x 2m
- CNC Machining Centre - 4 Axis
- Grinding External - 6m x 850mm x 5Ton max
- Grinding Internal - 1,2m x 600mm Stroke
- Chrome Tanks - 7m x 700mm
- Bronze Tank - 2m x 400mm
- External Honing - 14m < 150mm & 8m < 350mm Dia
- Internal Honing - 12m x 1m Dia
- Vertical Boring - 3m x 2,5m
- Horizontal Boring - 1,9m x 1,6m 10Ton
- Deep Bore Drilling - 30mm x 1,8m & 400mm x 4m
- HVOF - 5m x 1,50m 5Ton
- HVOF - Grinding - 6m x 1,3m 10Ton
- Straightening - 8m x 150mm
- Test bench - 4 x 400 bar Benches

PROCESSES

- Chrome Plating
- Vertical and Horizontal Honing
- Bronze Plating
- HVOF
- Boring & Deep Bore Drilling
- Machining
- QA

POWERTRAIN REPAIRS

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ALL MINING, CONSTRUCTION OEM COMPONENTS SUCH AS DIFFERENTIALS, AXLES, TRANSMISSIONS, FINAL DRIVES, WHEEL STATIONS, BRAKE GROUPS, TORQUE CONVERTORS EXT.

- Supply New
- Salvage Component Groups
- Salvage Sub Assembly Components
- Supply Aftermarket Parts on Customers Request



POWERTRAIN CAPABILITY & CAPACITY

PRODUCTS

- Wheel Stations
- Final Drives
- Brake GP
- Differentials
- Axles
- Transmissions
- Gearboxes
- Front Wheel Hubs
- Torque Convertors
- Custom Parts

EQUIPMENT

- Dedicated Stripping Areas
- Dedicated Washing Areas
- Dedicated Assembly Areas
- Test Bench – 600hp
- Vertical Boring Mills
- Horizontal Boring Mills
- Press
- Centre Lathes

PROCESSES

- Strip, Inspect and Assemble
- Test Components to OEM Specifications
- Arc Spray
- HVOF
- General Machining
- Internal Grinding
- External Grinding
- Chrome Plating
- Specialized Welding
- QA

GENERAL MACHINING & PRODUCTION CNC WORKS

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ALL COMPONENTS WITHIN OUR EQUIPMENT CAPACITY

- General machining including
 - Turning
 - Milling
 - Boring
- CNC Turning
- CNC Milling



GENERAL MACHINING & CNC CAPABILITY & CAPACITY

PRODUCTS	EQUIPMENT	PROCESSES
<ul style="list-style-type: none"> - Pins and Bushes - Shafts - Couplings - Housings - Plates and Brackets - Flanges 	<ul style="list-style-type: none"> - Conventional Lathe – 15m x 680mm - Milling – 2m - CNC – 500mm x 2m - CNC Machining Centre – 4 Axis - Grinding External – 6m x 850mm x 5T - Grinding Internal – 1,2m x 600mm Stroke - Vertical Boring Mill – 3m x 2,5m - Horizontal Boring Mill – 1,9m x 1,6m 10T 	<ul style="list-style-type: none"> - Conventional Turning - Milling - Vertical Boring - CNC – Milling - CNC – Turning - CNC – 4 Axis Machining Centre - QA



ROCK DRILL – HYDRAULIC DRIFTERS

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WE OFFER

SPARE PARTS - SERVICES - REBUILDS

ALL DRIFTERS THAT WE REPAIR IS FULLY TEST BENCH TESTED TO OEM SPECIFICATIONS AND ALL COMPONENTS COMES WITH A FINAL TEST REPORT AND GUARANTEE.

EPIROC HYDRAULIC DRIFTERS:

COP 1838 ME / COP 1838 HD, COP 3060 MEX, COP MD 20, RR11, COP 1132, COP 1840, COP SC25X EXT.

SANDVIK HYDRAULIC DRIFTERS:

HLX5, RD106, RD314, RD525, RDX5 EXT.

DRIFTER REPAIRS



TEST BENCH



SPARE PARTS



REBUILDS



TUNGSTEN WELD

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TUNGSTEN WELD

We use a co2 welding process for our Tungsten Hard face welding applications. During the welding process tungsten particles are fed into melting pool by a vibration hopper. We have a fine and a course tungsten weld with tungsten particles starting form 0.5mm up to 2mm in size. A wear resistance welding wire are used to ensure a hard matrix with the tungsten that has proven to outlast most available wear resistance materials available on the market.



FINE TUNGSTEN WELD:

This is a CO2 welding process where the Fine Tungsten Is deposited into the melt pool of the welding wire.

The Tungsten particles are between 0.3 – 1mm in size.

Welding deposit height 3-4mm high.

The Fine weld is most commonly used in the Grinding, Crushing and farming industries.

Most affective on fine materials less than 40mm in diameter.



COURSE TUNGSTEN WELD:

This is a CO2 welding process where the Course Tungsten is deposited into the melt pool of the welding wire.

The Tungsten particles are between 1 – 1.6mm in size

Welding deposit height 4-6mm high with tungsten protruding from weld.

This weld is used when good resistance to abrasion and impact in dry or wet environment is required. Example GET, Bucket teeth, Cutting edges, Mixing paddles, Grizzly Bars, Dragline Buckets etc.





TUNGSTEN WELD

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FINE TUNGSTEN GRIT APPLICATION: (1X2 TUNG GRIT)

This is a Brazing process where the pre manufactured Tung Grit Rods are brazed on to raw material. The Fine Tung Grit Rod consist of the Tungsten Particles 1 – 1.6mm in size and a Copper alloy. These Rods is most commonly used for most mixing tools. (Cement, pelletizing, Slurry, Sand)

Screw Feeders, Drilling Stabilizers.

Most affective on smaller materials.

This is a good product for onsite repairs.

These rods are available in 5kg bundles.



COARSE GRIT TUNGSTEN APPLICATION: (2X4 TUNG GRIT)

This is a Brazing process where the pre manufactured Tung Grit Rods are brazed on to raw material.

The Coarse Tung Grit Rods consist of the Tungsten Particles 2-5.5mm in size and a copper alloy.

These Rods is most commonly used for most mixing tools. (Cement, pelletizing, Slurry, Sand)

Screw Feeders, Drilling Stabilizers.

Most affective on bigger materials.

This is a good product for onsite repairs.

These rods are available in 5kg bundles.



TUNG GENIA COATING:

This is an specialized ultra-fine brazing application with round tungsten particles.

This application is commonly used in sliding abrasion and applications that require a smooth lining.

These rods are available in 15kg rolls.





CHROME PLATING

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CHROME & BRONZE PLATING

Intra Trade Africa can assist with all your chrome plating requirements. We can plate any component that we can fit into our chrome tanks and the industries that we service ranges from engineering, hydraulic pump and cylinders, mill rolls used in food, paper, steel and printing industries, shafts and many more.

The largest chroming tank is 7 meter deep and can plate up to 1m in diameter. We can flash chrome shafts up to 10m in length.

We do bronze plating on some hydraulic components in the underground mining and can plate 2m deep and up to 0.40m in diameter.





PORTA PLINTH

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PORTA PLINTH®

THE PORTA PLINTH IS A PIPE SUPPORT CRADLE DEVELOPED FOR ALL INDUSTRIES WHERE PIPE COULOMBS ARE INSTALLED. IT PROVIDES A PRACTICAL, EFFECTIVE AND COST-EFFICIENT PIPE SUPPORT SOLUTION FOR ANYONE NEEDING TO SUPPORT PIPES OVER LONG OR SHORT DISTANCES.

THE PRODUCT IS MANUFACTURED FROM GLASS-FILLED NYLON THROUGH AN INJECTION MOULDING PROCESS AND EACH UNIT IS INSPECTED TO ENSURE A PERFECT PRODUCT. THE PORTA PLINTH BOASTS THE FOLLOWING FEATURES AND BENEFITS:

- UV STABLE.
- FLAME RETARDENT.
- IT IS A HEAVY DUTY PRODUCT WITH A CARRYING CAPACITY OF 2 TONS.
- THE PRODUCT IS LIGHT WEIGHT WEIGHING 3.3KG.
- THE PRODUCT IS STACKABLE.
- THE PRODUCT IS REUSABLE MAKING IT AN ASSET AND NOT AN EXPENCE.
- THE PRODUCT IS HASSLE FREE TO INSTALL AND DECREASES PROJECT TIMES GREATLY.
- THE PRODUCT CAN ACCOMODATE PIPES VARYING FROM 2" TO 18" IN DIAMETER.

THE PORTA PLINTH IS AN INNOVATION TO THE MARKET AND HOPES TO REPLACE CONVENTIONAL PIPE SYSTEMS AS THE INDUSTRY STANDARD. THE PRODUCT IS STACKABLE AND LIGHTWEIGHT MAKING IT EASY AND CONVENIENT TO TRANSPORT ON SITE AND ITS REUSEABLE NATURE



INTRA TRADE AFRICA

ITA IS ISO COMPLIANT, AS OUR QUALITY MANAGEMENT SYSTEM CONFORMS TO ISO 9001:2015, ISO 14001:2015 AND ISO 45001:2018. OUR SHEQ SYSTEMS ARE BEING MAINTAINED AND AUDITED TO ENSURE WE DELIVER QUALITY SERVICES AND PRODUCTS TO OUR CLIENTS.



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