



SINCE 1983



introchem

SERVICES AND ENGINEERING (PTY) LTD



We Specialise In

Repairing & Manufacturing of Rotating Equipment, eg. Electric Motors, Gearboxes, Pumps & Turbine Shafts incl. Crusher Spares for the Mining Industry.

VISION

To grow Introchem into an engineering company that Southern Africa can depend on to bring important business into South Africa, and to demonstrate our honesty and integrity with our quality services and our dedicated team.

MISSION

To become the most significant engineering company in Southern Africa. Our honesty and integrity will have our customers returning with complete satisfaction in our quality services.

Workshop Machine Capacity

We Offer Various Equipment, No Job To Big Or Small

01

- 1 x Rafamet 25 Tons 4 Dia x 3.5 Meters
- 1 x Lathe 1.6 Dia x 6 Meters
- 4 x Lathe 750 Dia x 4 Meters
- 2 x Boring Mills 110 Spindle
- 4 x Micro Welding Machines
- 1 x Conventional Milling Machine
- 2 x CNC Milling Machines 2.5 Meter Travel x 1.2 Meter x 1.2 Meter 4 Ton
- Mobile Vehicle Equipped to do Chemical Analysis
- Equipped to do Magnetic Particle Inspection (MPI)
- Equipped to do Ultrasonic Inspection (UT)

02

- We offer Sandblasting on our Premises - 2Ton
- We offer Specialized Welding
- 1 x Crankshaft Grinder 800 Swing, 3.8 Meter Between Chuck - 3 Ton

03

Vehicles:

- 4 x Pick up Vehicles
- 1 x Caddy
- 1 x 6 Ton Truck
- 1 x 16 Ton Truck

04

Crane Capacity:

- 2 x 10Ton
- 1 x 15 Ton
- 1 x 5 Ton
- 1 x 5 Ton
- 1 x 2.5 ton



SAIW

South African Institute of Welding

ISO 3834 Part3

Certification No.ZA - 050

**BBB-EE Level 2
Compliance Status**



Cone Crusher

Repair Cone Crusher Complete Back To Standard - Crusher Industry

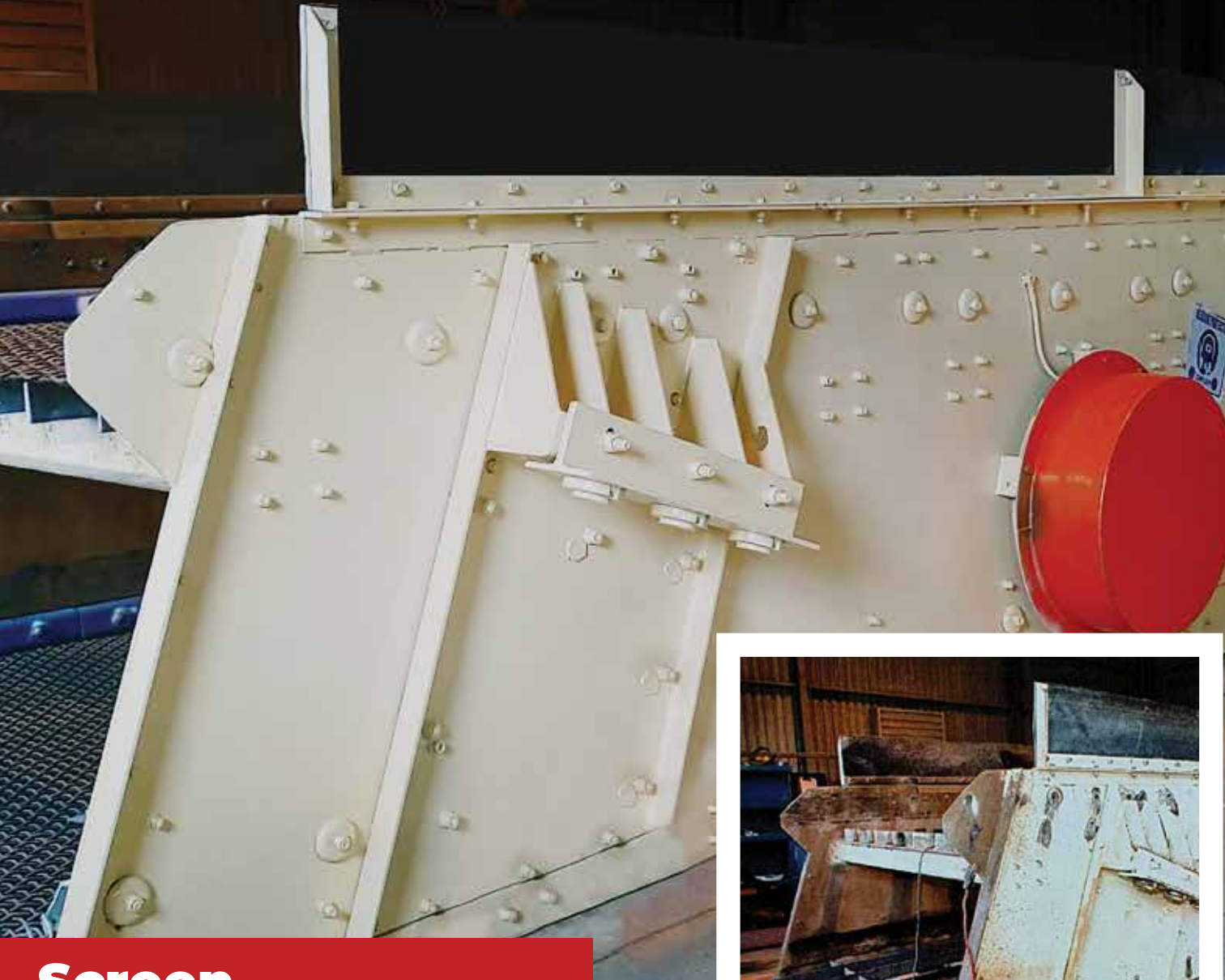


Before



Large Vertical CNC Machine

4.1 Meter Swing
3 Meter Travel
25 Ton weight Capacity



Screen

Repair Screen Complete For Crusher Industry



Before



Cutter for Coal Mining

Boring Mill - 1.650 x 1.65 Table Capacity
Weight 5 Ton Machining Capacity



Screw Down Shaft

For Finishing Mill - U 1000 Milling Machine
4 Ton Weight Capacity
Machining Length 2.4 x 1.2 x 1.2



Blowpipes & Down Legs

Complete Reconditioning & Manufacturing for Steel Industry



Jaw Crusher

Complete Manufacture Toggle Block
for Crusher Industry



Screw Lead Shaft & Nut

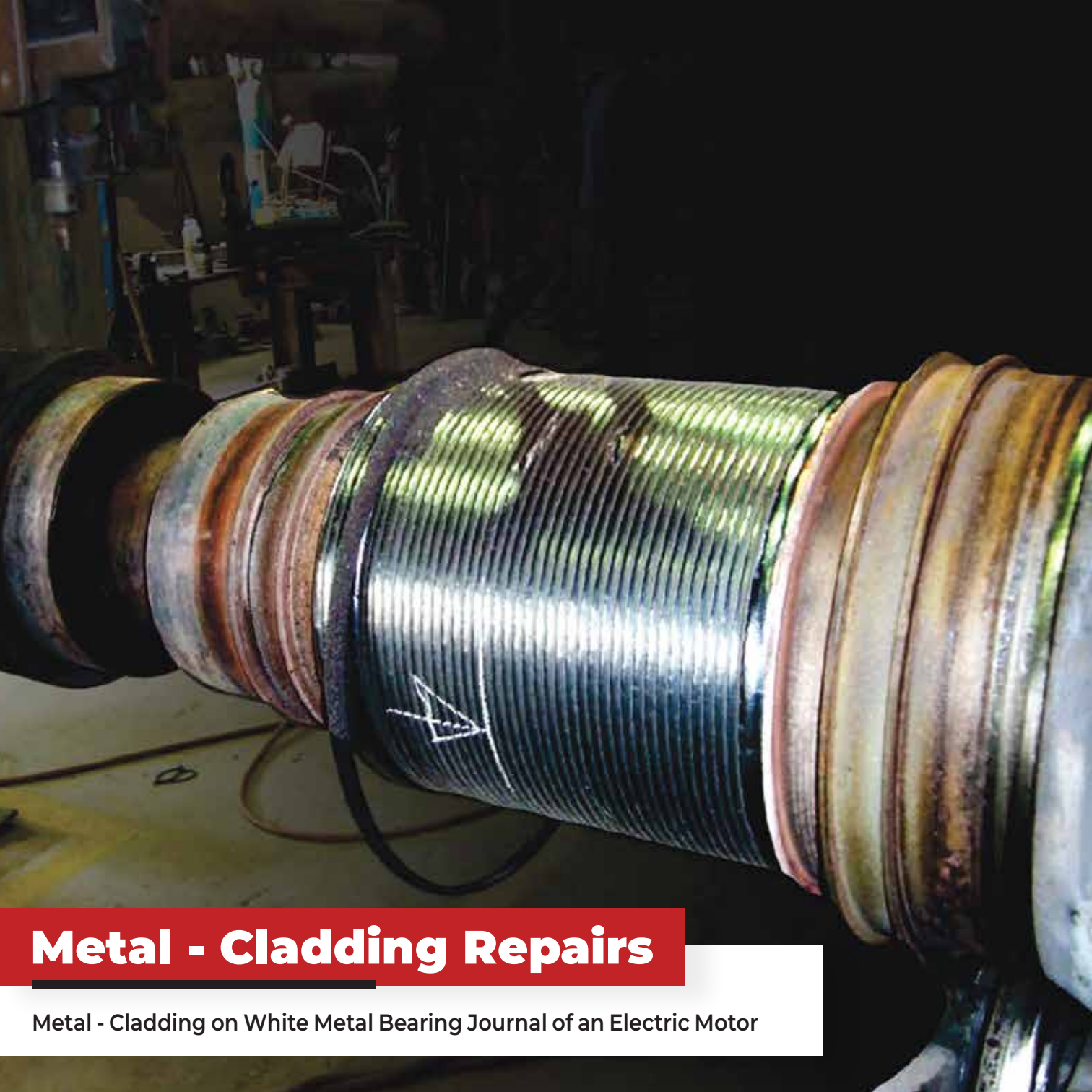
Complete Manufacturing for Mining Industry





12m Rack Assembly Completed

Teeth Pre-machined on a 12m Rack, Micro Welding & Machined Back to Drawing Size



Metal - Cladding Repairs

Metal - Cladding on White Metal Bearing Journal of an Electric Motor



Blowpipes & Doors

Complete Reconditioning & Manufacture for Steel Industry



20 Meter Pipe Assembly

Machining and Drilling on Face of Pipe



New Manufactured Rotor Shaft

Complete Manufacturing Rotor Shaft for Electrical Industry



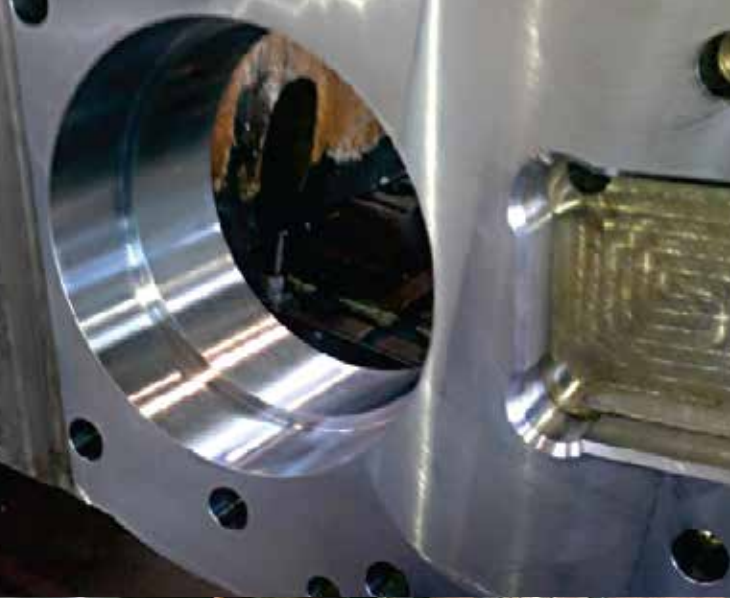
Rotor For Final Machining After Micro Welding

On 1600 ϕ x6 Meter Lathe



1000 Ton Press

Manufacture Press for New Pole Cap Rotors



Cutter Boom

Modification on Cutter Boom Base for Coal Mining Industry



Rubber Products & Seals

Bryak Engineering

- 1 a.** Positive Material Identification (PMI) is a specialized testing method used to identify a variety of different metal types.
b. Sorting of large amounts of steel with acr process.
- 2.** Magnetic Particle Inspection (MPI) is a method used to identify surface and/or sub surface defects of material.
- 3.** Ultrasonic Sound Testing (UTI) is a method using sound waves to determine internal defects of metals.
- 4.** Liquid Penetrant Inspection (LPI) is a method used to identify surface and sub surface defects on magnetic & non magnetic metals.

We offer these services for in-house and/or on site purposes depending on our clients specific requirements.

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