

About us

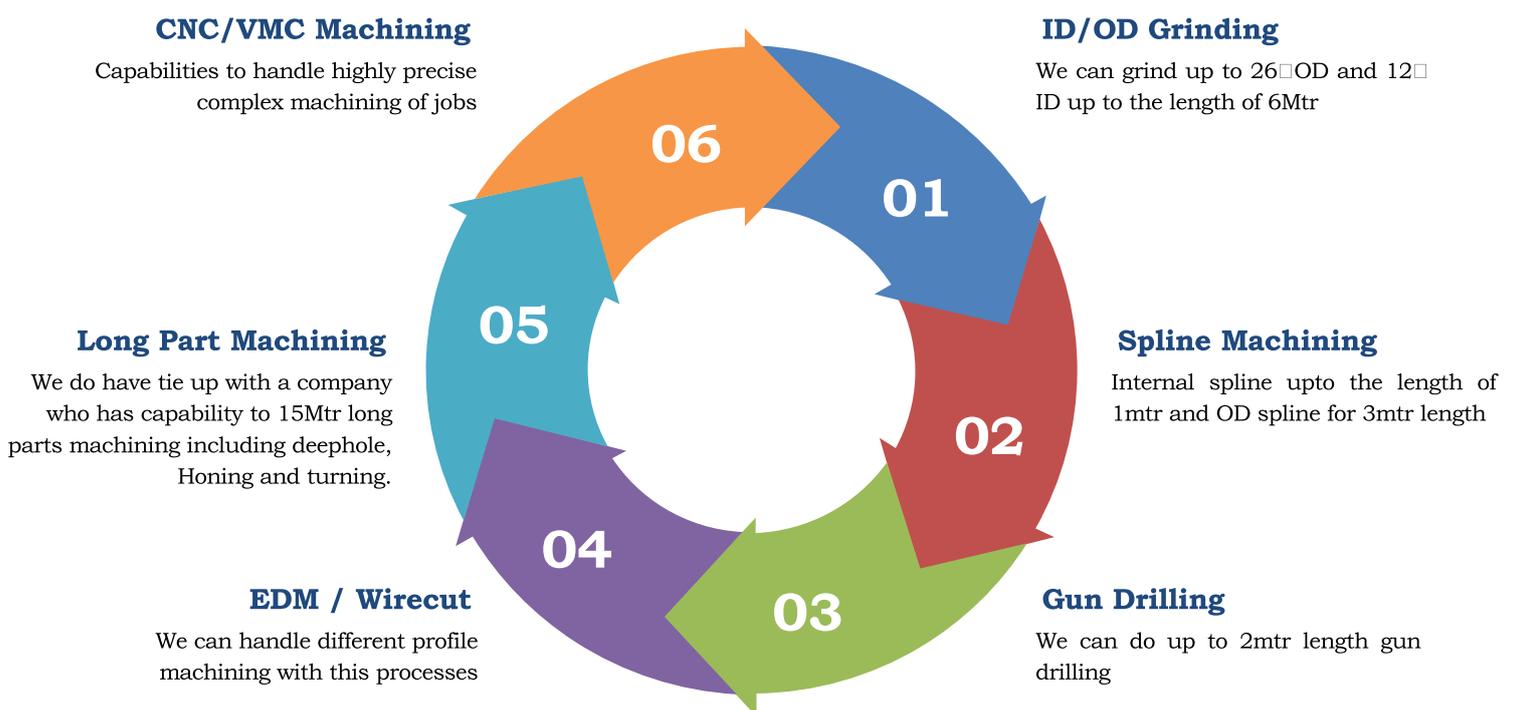
We are proud to have established ourselves as a leading provider of world-class engineering services, serving the mining, construction, steel, and oil and gas industries (including Drilling, M/LWD, Well completion, Cementing, fracking, etc.). Our capabilities encompass a wide range of services, including precision machining, diverse coating and plating solutions (phosphating, nitriding, hard chrome plating), MIG/TIG welding, Thermal spray Hard Facing, Inconel Overlay, Composite rod brazing, PDC Brazing, Laser Cladding, and Laser Hardening.

As a certified facility under ISO 9001:2015, we are committed to maintaining a strong focus on health and safety. Our team-driven approach emphasizes creative problem-solving, leveraging cutting-edge technologies and engineering processes to elevate your components and manufacturing processes.

When partnering with Wear Tech, you can trust in our dedication to excellence, reliability, and exceptional product quality.

Our team comprises seasoned engineers and highly skilled technicians with extensive experience in handling a wide range of industrial projects of varying sizes and complexities. This expertise enables us to deliver tailored solutions that meet the unique needs of each project, ensuring customer success and driving innovation.

Machining Capabilities:



List of O&G parts supplied:

Motor / Jar Parts

- Drive shaft / Bearing Mandrel
- Bearing mandrel adapter
- Tie rod / Rock bit balls
- Radial bearings / Bearing Races
- Retainer ring / split ring
- Rotor adapter / seal cap / seal collar
- Thrust pin / Torque nuts / Rings
- Offset housing / adjustable rings
- Splined mandrel / bend subs
- Stator adapter / bend housing
- Pulser assembly
- All types of Sleeves / stabilizers
- Knocker housing / Kelly mandrel

M/LWD Parts

- Helix / Stringer shaft / Plannum
- Carbide orifice / nozzles
- Ceramic sleeves
- Mul shoe sleeves / Subs
- Shear Screws / Nuts / Pins
- Barrels
- Female rotary connector housing
- Pipe screen / mud filters
- Fins (machined and rubber)
- Cross overs
- Pulser assembly
- Bearing housing



Hard facing Capabilities:

Laser Cladding

We do have 12KW laser cladding set up with Rectangular & Round Spot. We Can Do Stellite, NiCrBSi, WC, Ferrous & Non Ferrous Alloys, In625.

Thermal Spray Hard facing

O2 set ups with superjet & eutalloy torch for all types of hard facing (1K/3K/5K/6K) and WC overlay.

Laser Hardening

Same laser optics can be utilized for laser hardening, to achieve highly precise hardened depth

Spray & Fuse

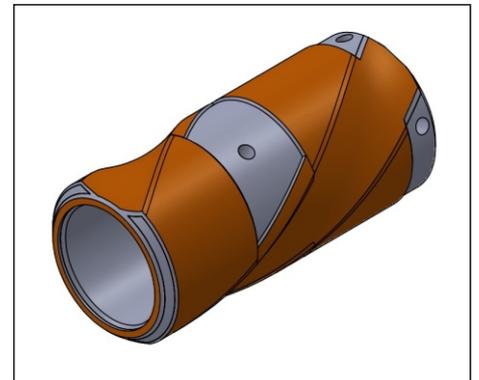
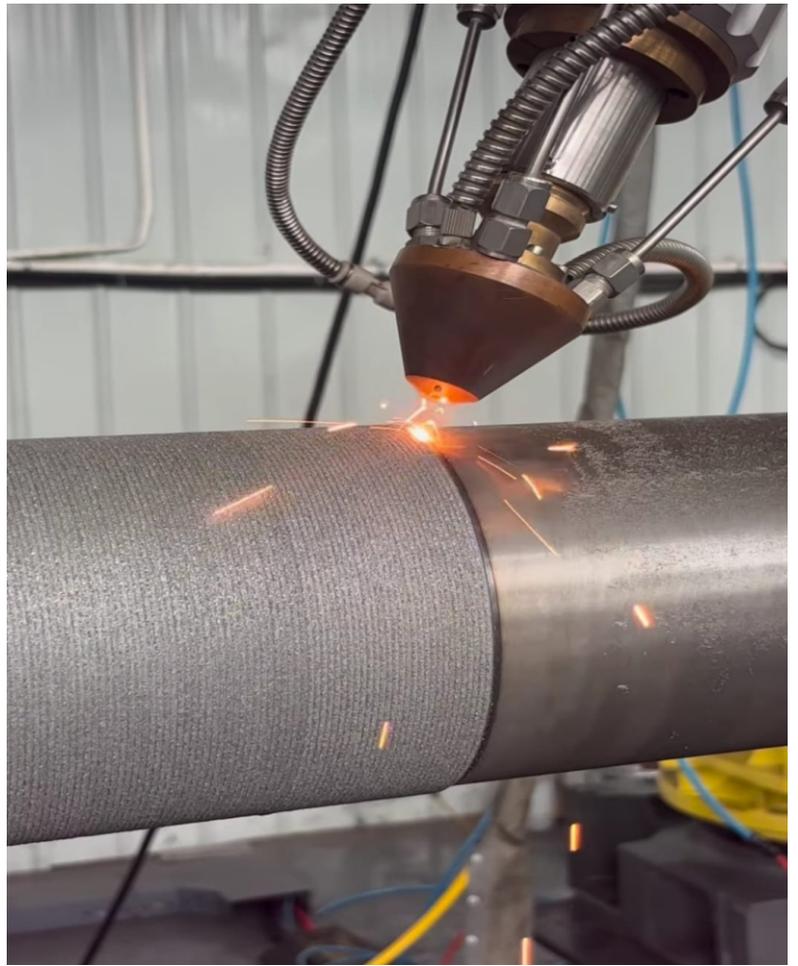
It is conventional method of hardfacing the powder on the substrate and fusing is done with induction method

Composite Rod / PDC Brazing

Crushed Tungsten carbide brazed with tinning rod and PDC/TC inserts brazing done with nickel/silver alloy

Arc / MIG / TIG Welding

These are the basic welding processes to accommodate regular and heavy fabrication generally used for basket, skids, customized equipments



Special Process Capabilities:

Zn/Mn Phosphating

Having capacity up to 3mtr length for both zinc and manganese phosphating

Shot Peening

Different types of shots are available along with glass/ceramic shots for decontamination

Gas/Liquid Nitriding

Tie up with a company who has globally approved set up for nitriding

Hard chrome & Copper plating

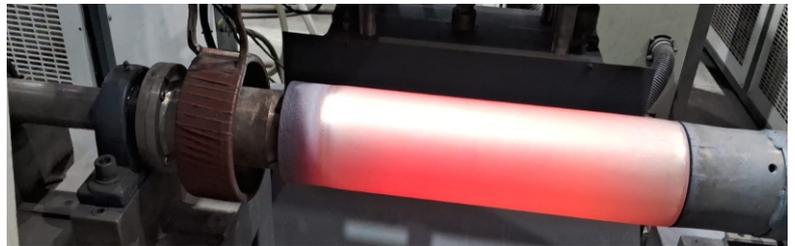
Having capacity up to 6mtr length, along with buffing and polishing set up

Carburizing

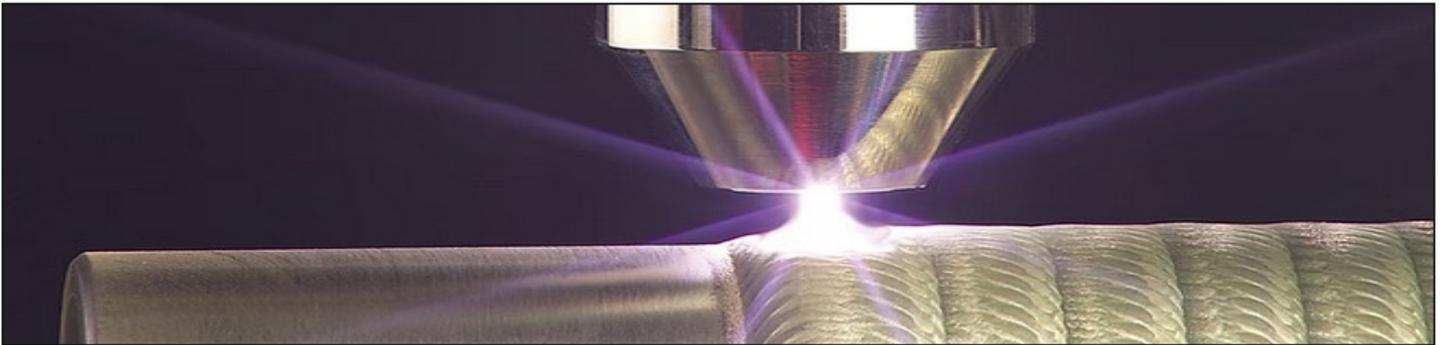
It is the surface treatment process to enhance the hardness of the surface

QPQ

We have capability to perform QPQ for the 1.5mtr long parts



Plunger / Pony Rod / Valve seat with cladding:



Sample Photos:



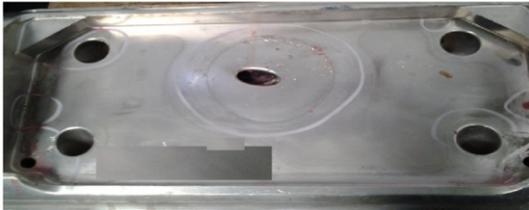
Welding & Fabrication:

- SMAW / MIG / TIG
- Laser Welding
- Repairs and refurbishments
- Custom made containers / baskets
- Repair contracts

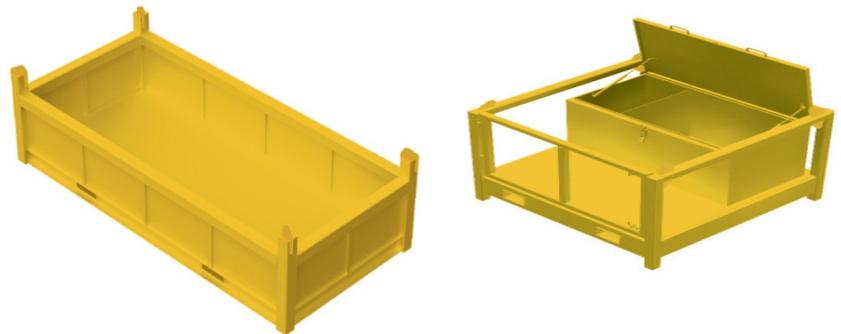
Services:

- NDE
- Hydro-testing
- On site Repair and refurbishment
- on site Laser cladding and Hard facing
- on site machining for mass Qty thread re-chase/recut

Before (Inconel Collar)

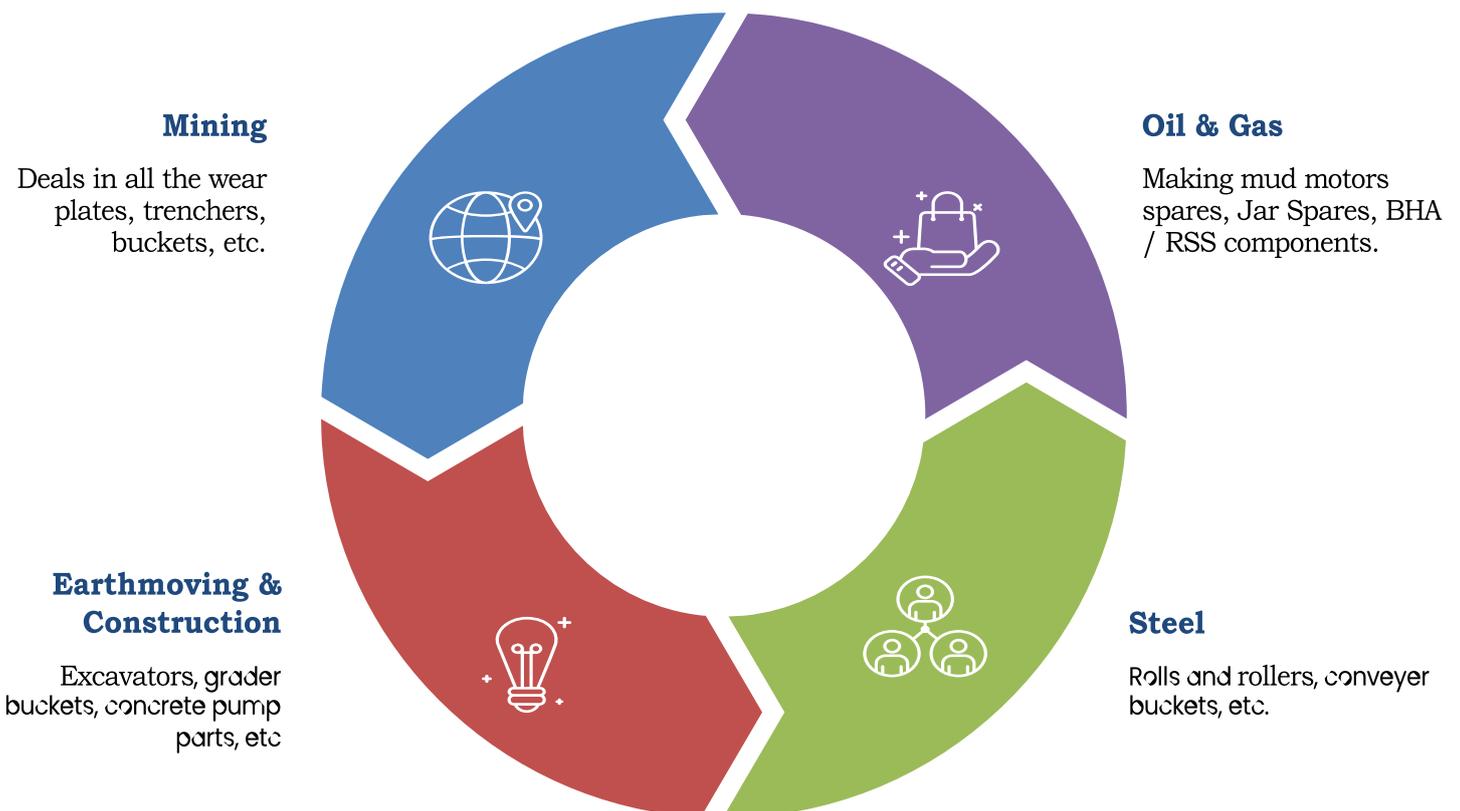


After (cladding+machining+Shotpeening)



Fabricated components

Business sectors:



Sector-Wise Product Range

Oil & Gas	Mining	Energy	Construction	Steel
<ul style="list-style-type: none"> Drill bits Drilling Motor Parts Jar Parts Radial Bearing Drill collar Stabilizer RSS Components MWD/LWD components Frac Plungers & Pony rod. Laser clad frac Valve. Compressor Rods, Sucker Rod, 	<ul style="list-style-type: none"> Wear Plate Trencher Parts Bucket and Teeth Auger teeth Conveyor Belts, Roller, Idlers Crawler Tracks, Crusher Pumps and Valves, Hydraulic components Explosive Storage Mining Bits Sprockets and Gears. Cutter heads 	<ul style="list-style-type: none"> Generator Components Pump Parts Impeller casing Steam wind Turbine Hydraulic Components Solar Components Wind Turbine Components Nuclear Plant Components Geothermal Well Equipment's 	<ul style="list-style-type: none"> Excavator Loader Buckets Grader Blades Concrete pump components Road Construction Equipment Crusher Parts Welded Structure Tunnel boring machine Parts Auger Teeth Piling Components Casting Components 	<ul style="list-style-type: none"> Rolls and rollers Roller Bush Furnace Components Duct Work and hoods Conveyor belts Crucibles and Ladles Extrusion Dies Mould plates Fab and Blowers Shafts Gears

THANK YOU

GET IN TOUCH

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