



Engineered to Perform
In the toughest industries



FABRICATION

Seamless integration of project planning, execution and quality control

- Cutting • Shearing • Bending • Rolling • Forming
- Welding • NDT • Blasting and Painting

Our skilled fabrication workforce includes Project Managers, Sheet Metal Workers, Coded Welders, Fabricators and Fitters who possess up-to-date skills and design knowledge.

Cutting

From sawing, shearing and punching to gas-plasma cutting, comprehensive cutting capabilities for sheet metal, bar stock and heavy plates.

Metal Forming and Bending

Heavy press brake of capacity 6000 mm x 600 Ton to bend, form, flatten and straighten fabrications with the most demanding specifications. Plate and sheet can be rolled into cylinders and cylinder segments, helixes, cones-concentric or eccentric. Section bending machine for channel, angles, tubes, pipes and square tube bending.

Welding Process and Facilities

- Shielded Metal Arc Welding (SMAW)
- Gas Metal Arc Welding (GMAW)
- Flux Cored Arc Welding (FCAW)
- Metal Cored Arc Welding (MCAW)
- Submerged Arc Welding (SAW)
- Stud Welding (SW)
- Gouging (ACAG)

Sai – Tech International Ltd

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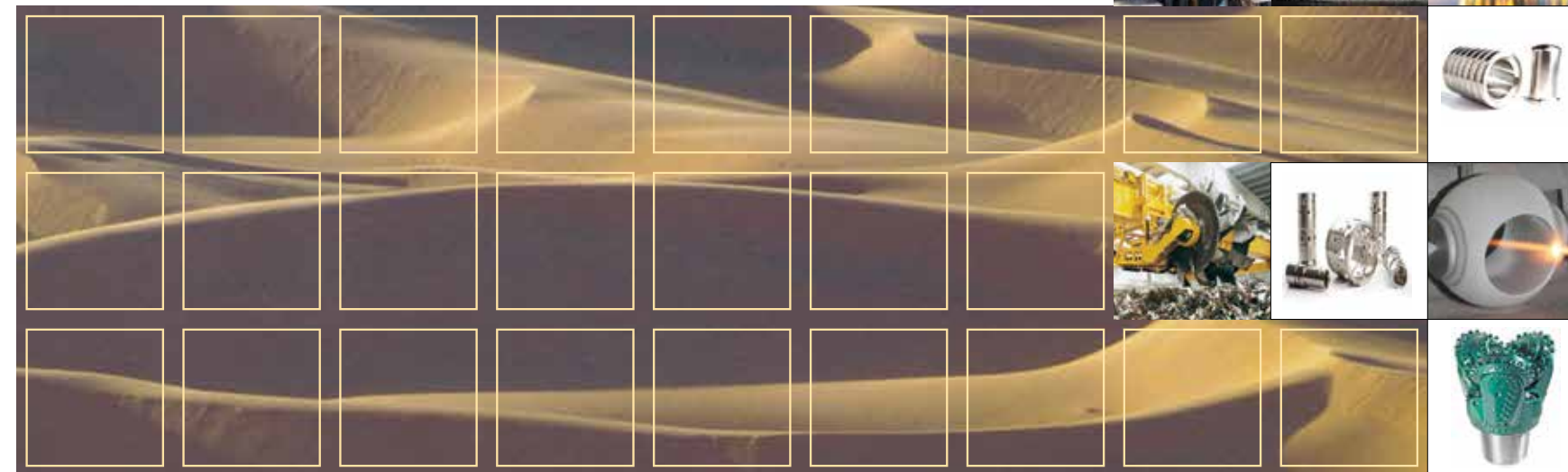


Fabrication Materials

Stainless Steel, Duplex, Hot Rolled Steel (HRS), Cold Rolled Steel (CRS), Hot Rolled Pickled and Oiled (HRPO), Abrasive Resistant Steels, QT Steels, Hard faced Plates, Cor-Ten Steel, Aluminum, Tantalum, Copper alloy material, Roll Bonded Clad Plates, Cast Iron, Nickel Alloys.

SAI – TECH INDUSTRIES FZCo.

Plot No.35, Street No.200,
Jebel Ali Free Zone, Dubai, UAE



SAI-TECH International Ltd

An enterprise of Sai-Tech Industries FZCo.



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REMANUFACTURING SPECIALIST SINCE 2003

Dependable and High – Quality Services

Founded in 2003, SAI - TECH GROUP continues to provide customers with high-quality, custom-crafted metal engineering components and assemblies for a diverse range of industries.

Our plant works, has grown significantly since inception. The company operates with 100+ employees from three inter - linked sites of:

- 230,000 ft² built up area
- 70, 000 ft² covered shed
- 100,000 ft² open service yard

Our expertise and know-how, with advanced technologies, skilled manpower, equipment and material handling capabilities make SAI - TECH INTERNATIONAL LTD a partner of choice for large projects.

Our job shop is a true one-stop solution for fabrication, machining and reverse engineering. The list of satisfied customers transcends the shores of United Arab Emirates and much beyond the middle - east.

JOB SHOP

**A Trusted Source for
Manufacturing and
Maintenance Projects**

LONGER LIFE, LOWER COST

Using state - of - the - art technology Saitech Industries, gives new enhanced life to worn or damaged parts, components and assemblies. Our job shop facility has the equipment and the expertise to manufacture OEM wear parts and components for a wide range of industries using a comprehensive range of alloys and processes. We combat wear in the most aggressive environments like - corrosion, abrasion, heat, oxidation, erosion, galling and thermal shock.

Wear parts and components are supplied either as coated, fabricated, rough machined or 'ready to fit' finished machine parts. The remanufacturing process meets the latest customer specification, resulting in a product that equals or exceeds the customer's expectation and usually carries the same warranty as a new part.




SURFACE PROTECTION SERVICES

Saitech industries is a trusted total solution provider for manufacturing and maintenance projects in a wide range of industries. Its expertise in surface protection of parts subject to wear and tear, reduces downtime related to plant shutdowns.

Wear Plate • Weld Overlay • Thermal Spray • Hard Facing Services

Wear Plate Production

A full-fledged automated wear plate production centre producing hard faced plates by open arc and submerged arc welding. In service, these plates are extra durable due to its alloy chemistry, hence branded as  (Extra Durable Plate)

Extra Durable Plates

 Chrome and Tungsten Carbides Plates

Hard Facing Services:

- Elbows, Straight Spools and Bends
- "T" Pieces, "Y" Fittings and other varied shapes
- Fabrication of Wear Parts for cement, steel, dredging, ready-mix concrete, mining and construction industries
- Hard Facing and Rebuilds of Grinding / Crushing Equipment



WELD OVERLAY AND MACHINING SOLUTIONS

Weld overlay with tungsten inert gas (TIG) welding (hot/cold wire), submerged arc welding (SAW) both with wire/strip, metal inert/active gas (MIG/MAG) welding and Manual metal arc (MMA) welding, processes for corrosion resistant alloys, to improve the service life of components.

**• Pipe Cladding • Valve Cladding • Flange Cladding • Connectors
• CC Rolls • Vessels**



Heavy Machining - Precision Machined Components for Every Industry

Boring • Drilling • Milling • Tapping • Reaming • Shaping • Contouring

Multiple CNC machines for vertical and horizontal manufacture enables us to machine complex components of a large array of sizes to customer requests - particularly important with the ever increasing pressures on the supply chain. Machines are operated by highly skilled, time served tradesmen.

Conventional, CNC Turning, Milling and Boring

Multiple CNC lathes, Boring and Milling machinery features rotary tables, multi-axis machining, with tight tolerances. VTL Turning with capacity of 5200 mm x 2800 mm. All of our machined components are fabricated to specific tight tolerances. Materials frequently handled by our machines include steel, aluminium, stainless, nickel, cast iron and copper alloys.

Shell and Tube Heat Exchangers

Saitech Industries is a service provider to assemblers, fabricators, and manufacturers of heat exchangers, shell and tube vessels.

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| • Tube Sheet Machining & Slotting | • Flange Machining & Drilling |
| • Tube Sheet Drilling | • Tube & Baffle Replacement |
| • Replacement Tube Sheets | • Tube Expansion |
| • Tube Support Plate Drilling | • Baffle Drilling |

