



The World of Manufacturing



Faoz Industrial Equipment Co.

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## INTRODUCTION

Since our foundation in 1964, Mr. Moh'd Rifat Haddad Founded Faoz Industrial Equipment Company in Jeddah –saudi Arabia, Faoz has stayed true to its roots, manufacturing products of superior quality and reliability. Faoz concepts originate with user ideas, and our efforts are dedicated to ensuring customer satisfaction. Faoz Industries have several varieties of machineries. All our machines have one thing common i.e. uncompromising quality and it is the core element of our corporate philosophy. Faoz industries are a powerful force, designed to meet the need of the modern business world. Faoz Industrial Equipment company is a manufacturing, steel fabrication, & erection, overhauling and maintenance industry. We cover many areas in the manufacturing industry in today's technology.



## TEAMWORK

Our staff of leaders, engineers, & technicians is to serve you at our best to meet your needs. Our qualified staff performs all on-site measurements and close attention is paid to production to make sure our valued customers are satisfied. Your product is delivered with the highest Quality or finishing your project to the highest standard.

## MISSION

To be a Middle East leader in the manufacturing of Precision machined and fabricated components and assemblies. We will work to exceed all the expectations of our customers, this Includes Quality, Delivery and Cost.

## PHILOSOPHY

Is straight forward: A Pledge Of Quality & Precision Workmanship, Delivered On Time.

## MATERIALS

Our existing line of materials includes the following

Brass, Polycarbonate, Steel, Aluminum, Copper, Magnesium, Stainless Steel, Magnesium, Plastic, Phenolics, Hardox, Nickel Chromium, Aluminum & Bronze.

## INDUSTRIES SERVED

- Power Generation
- Alternative Power
- Oil & Gas
- Aerospace
- Defense
- Paper/Pulp
- Machine Tool
- Construction
- Red Bricks
- Medical
- Security
- Cement Industry
- Communications
- Transportation
- Mining
- Industrial Factories
- Ports
- Steel Industry



## MACHINES

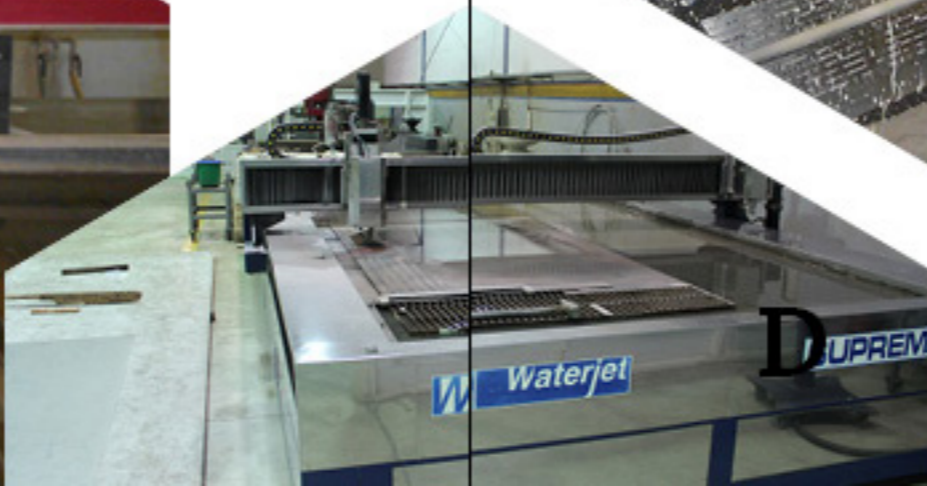
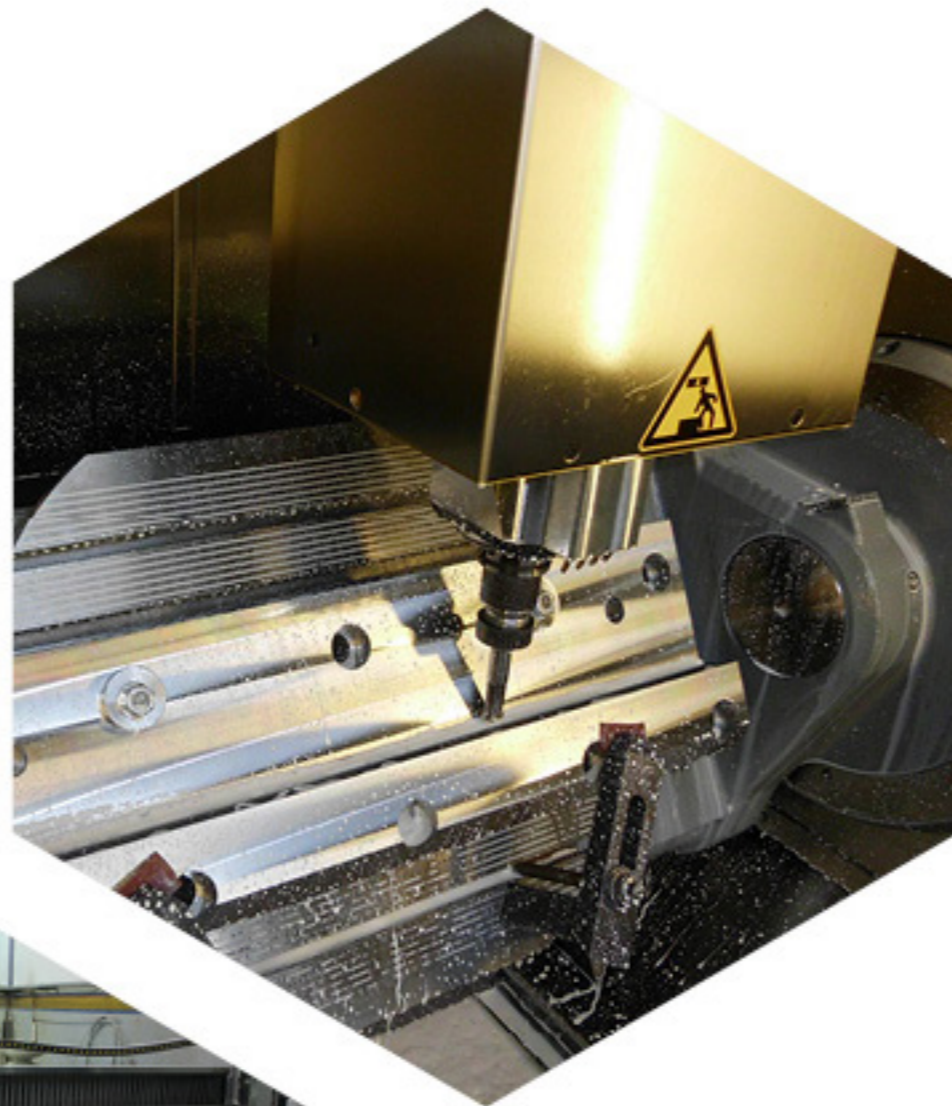
Our Machine capabilities such as CNC milling, lathing, water jet cutting and EDM & Dynamic balancing, CNC 5axis, Spectrometer, dynamic balancing makes highly precision work done accurately and time saving. Along with our heavy duty machines.

**"Expert in the Design,  
Reverse Engineering,  
Analysis of Materials"**

## MACHINES

- 5 axis CNC Waterjet
- 3 axis Waterjet
- 5 axis Milling Machine
- Plasma & Oxyfuel Cutting

"Expert in the Design,  
Fabrication, Manufac-  
turing Industry"

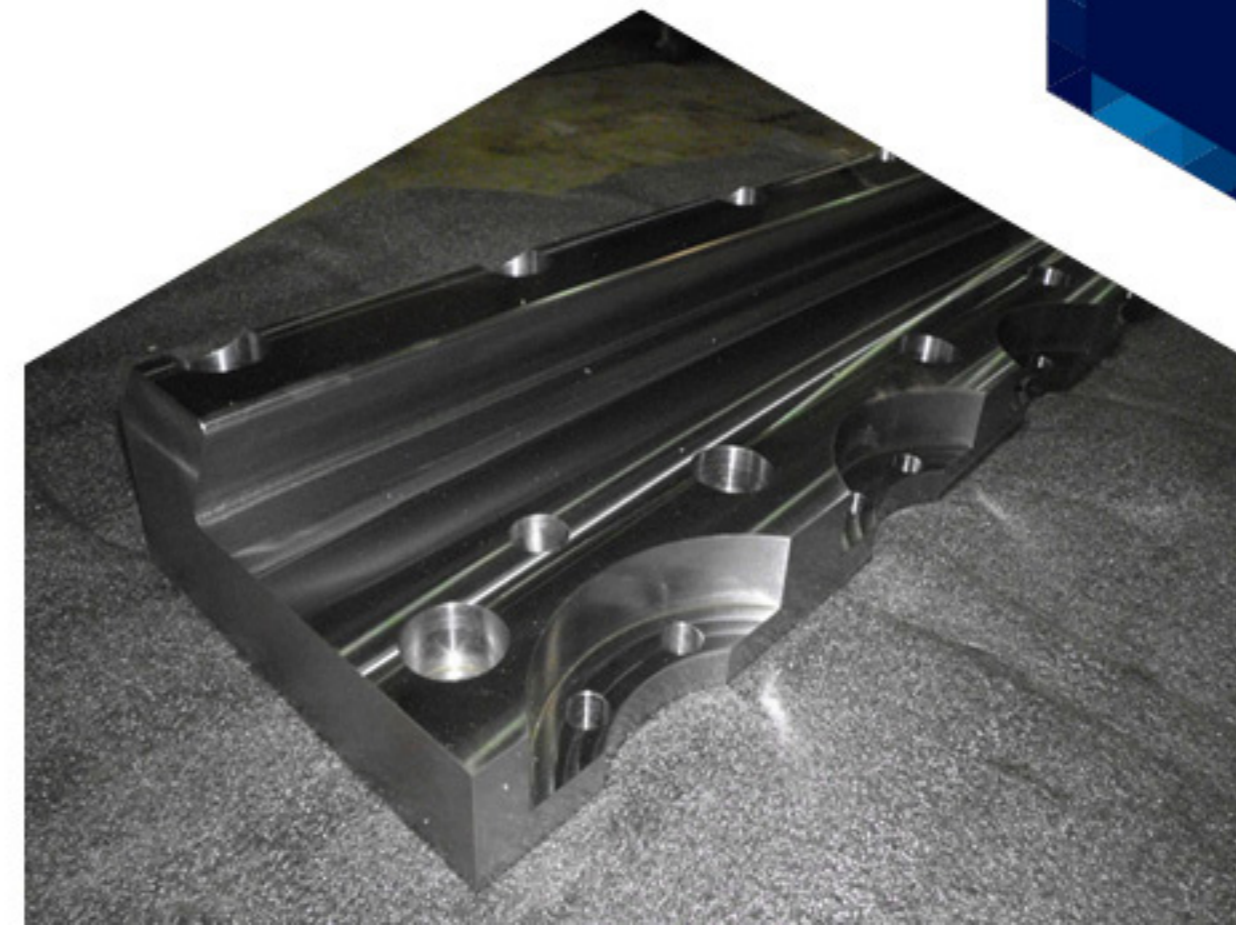




## MACHINES

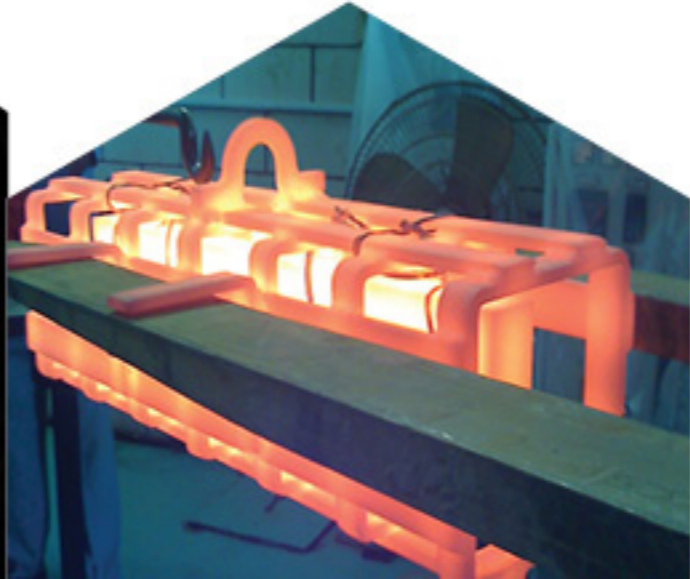
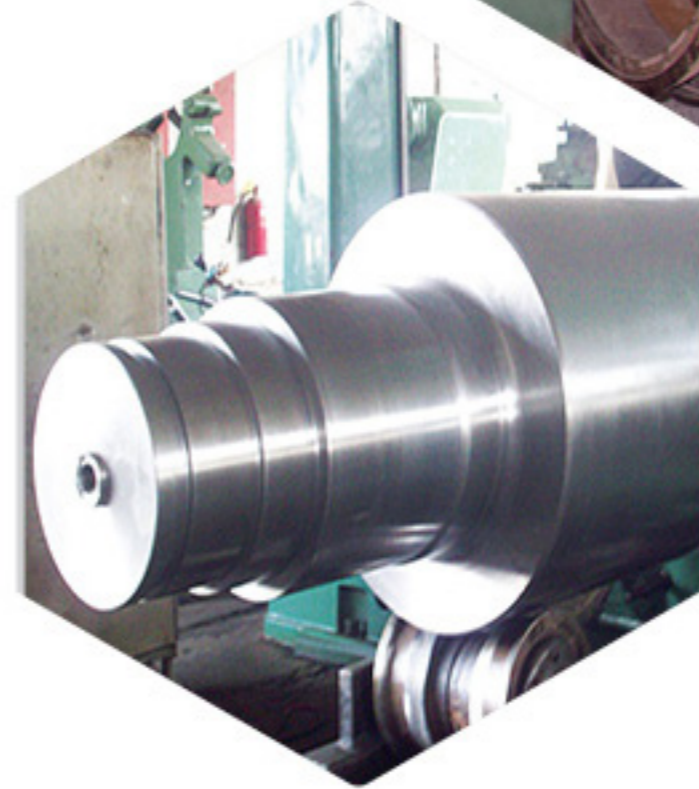
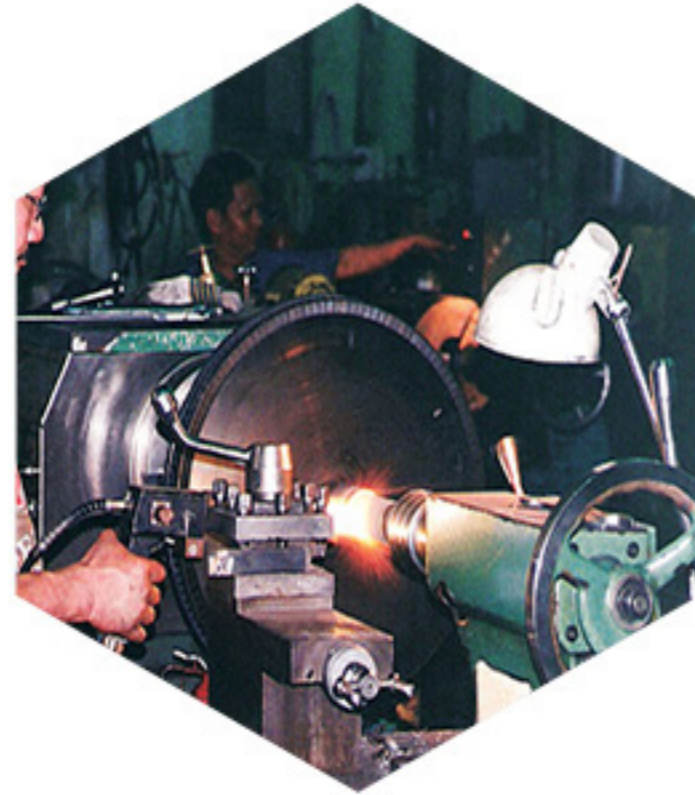
- CNC Wire Cutting
- CNC 5 axis Embossing & Engraving

"Engineering the highest  
quality machined parts"



## MACHINES

- Heat Treatment
- Thermal Spray process
- Heavy Duty Shaft Fabrication
- Crusher Machining



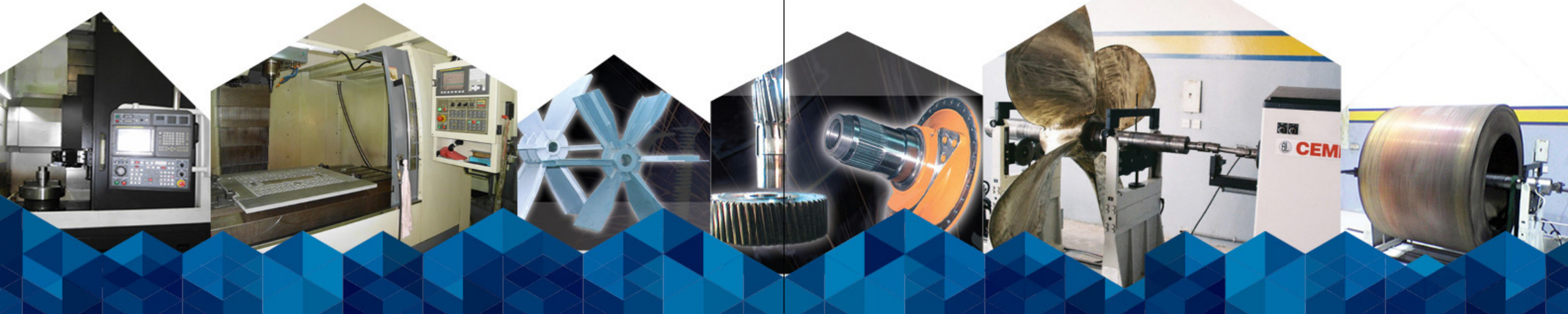
"From Concept to  
Creation"

## MANUFACTURING

- To stay competitive and profitable, manufacturers need to align themselves with suppliers and fabricators who can provide fast, accurate and cost-effective turnarounds on both one-off prototypes and large-quantity machining projects.
- Manufacturing of several types of gears such as spiral, helical, bevel and stub shaft. using same material needed for the job and spec's followed as per ASTM AND DIN numbers. Fabrication of rotors and impellers, using different steel grades.

## MANUFACTURING

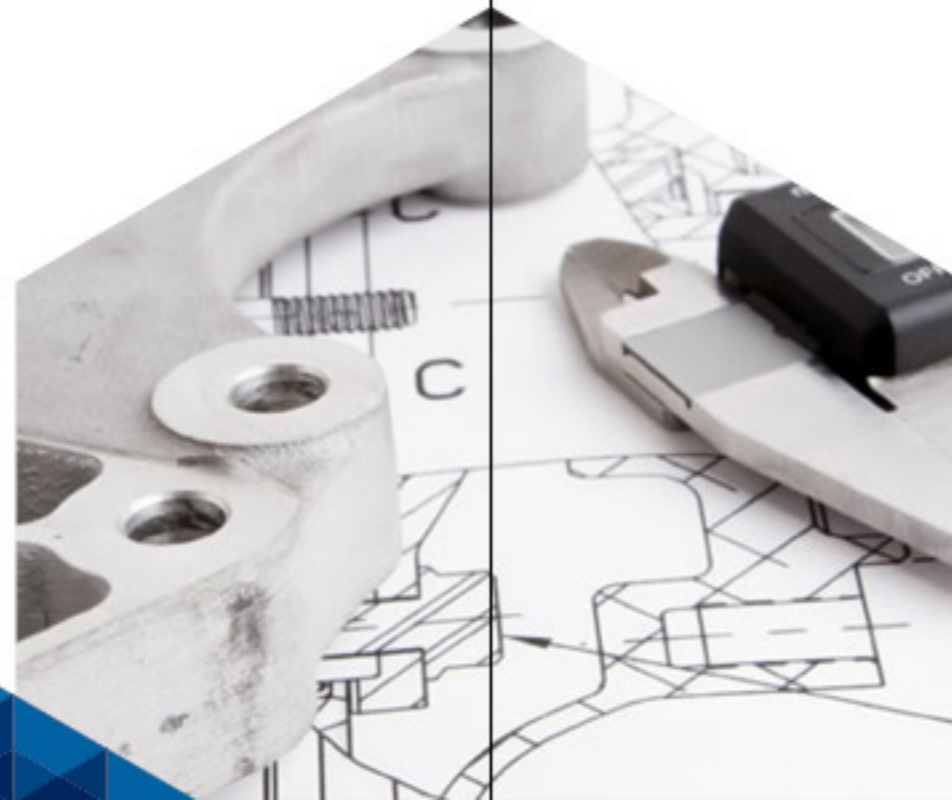
- Fabrication of heavy duty shaft up to 14tons with maximum length of 14mtrs and swing over bed 3.2mtrs. Thermal spray for special applications such as high speed turbine shafts and bearing journal as to avoid bending of shaft and build up same material tested.
- Line boring machine can take up to 2mtrs in height and a load up to 15tons capacity .
- Dynamic balancing of rotors, impellers, industrial baskets and many others. Balancing capacity, can take a load up to 6tons and length of 4mtrs using either types belt drive or universal joint.





## ENGINEERING SERVICES

Faoz experienced staff of Design Engineers works on Pro-Engineering, Master Cam, AutoCAD 3D solutions to improve your process as well as your company profit. Our onsite analysis team will evaluate your current process and develop specific solutions to meet your specific goals. We then use Solid works engineering software to give you a complete 3-D representation of your solution. Thus giving you a virtual picture of what your solution will look like when complete. Once you have decided on a solution whether a small machine change, process change or a complete turnkey automated system, you can be assured Faoz Engineering department will be there every step of the way making sure you are completely satisfied with our quality and services.



**"Executed to the highest  
of industry Standard"**



## REPAIR

- complete repair of grab; replacing damaged sides with new fabricated ones, replacing supports inside with new ones, replace bottom portion at closing position & line bore bearing journal.
- Lining of stainless steel rolled sheets inside the water reserve pipe line and hydro tested.



"Add More Life to  
Your Equipments"



## FABRICATION

- Repair of damaged boom for 200tons mobile crane using weldox700 material .it is cut into two pieces and assembled with accurate radius measured on CNC bending machine in one overlapping assembly.
- Fabrication of tower crane main boom, special heavy duty trolleys for MAN Company to carry the chassis while trucks on production line and reclaimers for the cement company.
- Welding as per AWS standards.

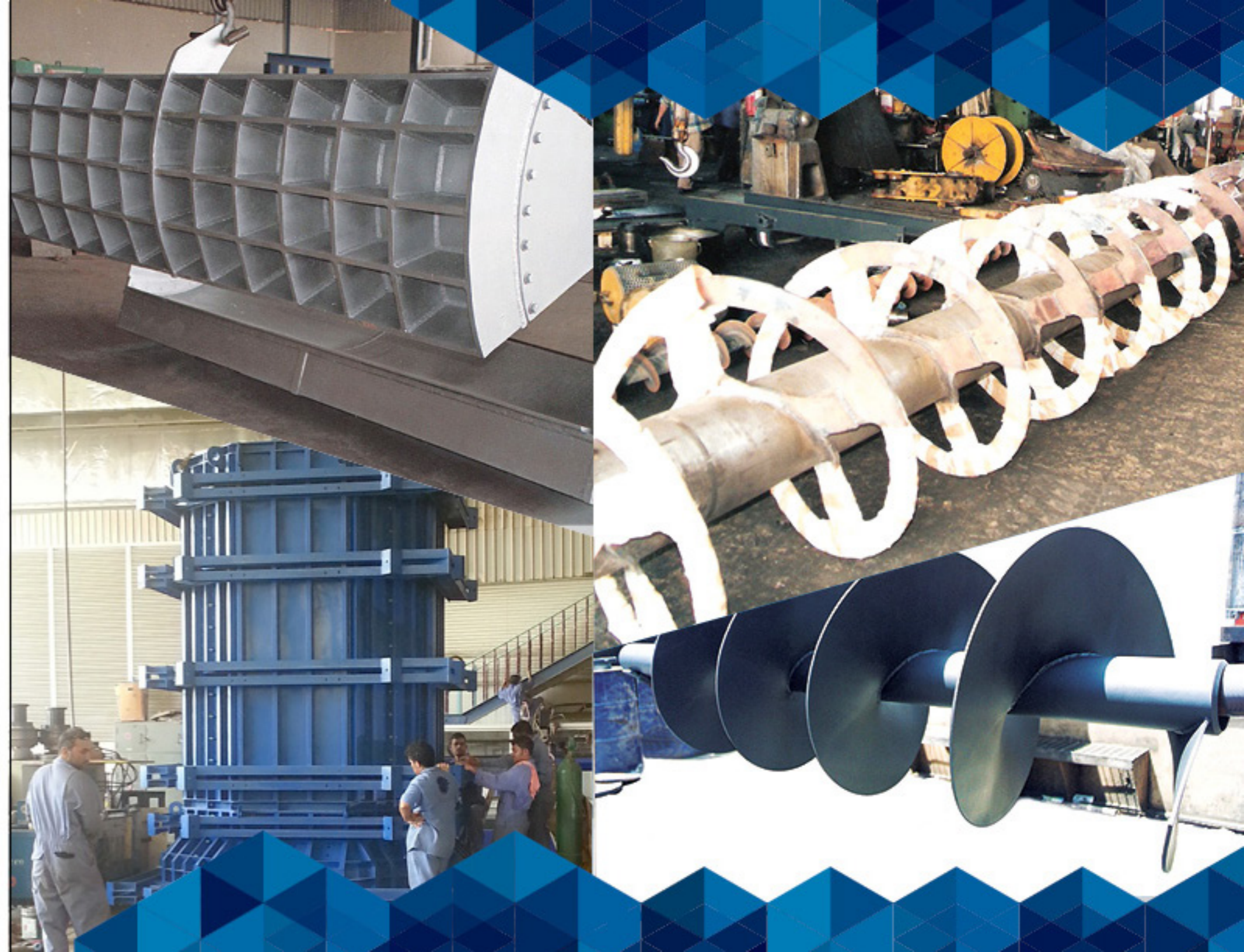
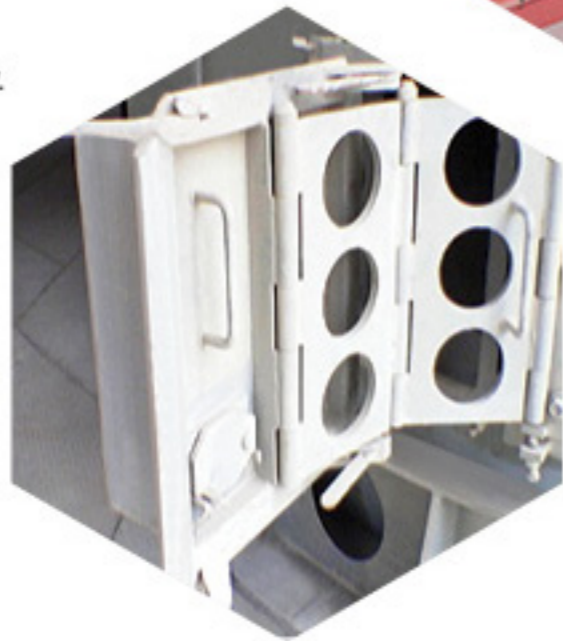
## FABRICATION

- Fabrication of mud hopper for dispensing soils for the sugar company.
- Fabrication of air slide tubes of hardox material.
- Fabrication of special furnace doors for the cement company.
- Fabrication of reclaimers for cement industry.
- Repair of kangro krane for united sugar company.

**"Committed to superior  
Quality and Results"**

## FABRICATIONS

- Fabrication of moulds and special parts and tooling's for industrial usage for all purposes needed with highest technology and most precision jobs.
- Fabrication of buffer, vacuum, expansion tanks and other industrial tanks. Erection, fittings and assembly at sight of nitrogen, water high pressure and air pipe lines.
- Fabrication of screw for cement industry.
- Fabrication of screw for United Sugar company.
- Fabrication of Air Slide for cement industry
- Fabrication of Furnace Doors for cement industry.



## PROJECTS

- Replacement of damaged portion of leg on quay crane at seaport sight. Special supports on the inside/outside and shoulder support were installed for securing prior cutting damaged portion. Fabrication taken place with third party inspection for sizes and welding spec's before installing.
- Major Repair & replacement of o steel structure boom for berga crane for Ajwa company damaged caused due to fall-en boom from a height of 40mtrs.

"A Standard Steel  
Fabrication Workshop"



## PROJECTS

- Replacement of jib connector plate of kangaroo crane for the united sugar company at seaport sight. New connector plate is fabricated and tested of all welding joints.
- Relocated 2 rail mounted gantry cranes at Jeddah Islamic seaport, estimated weigh 1400tons each. elevation of 60mtrs and width of 40mtrs.
- Secure all around the crane by beams and chain hoists ,and jacking up using 500tons capacity hydraulic unit. special type of beds been used for mobilization.
- Manufacturing of cyclone for Rajhi Steel mill.

## OVERHAULING

Complete Overhauling for generators, diesel engines and others.

- Cylinder head testing.
- Connecting rod machining
- Line Boring.
- Cylinder Polish machining
- Crankshaft machining
- Valve Seat cutting

