

Al Fares Middle East General Trading

Al Fares Middle East Metal Works

Manufacturing | Material Supply | Project Management of Supplies



The Modern.... The Professional.... Technology....

#### **SERVICES**

#### **CNC Laser cutting**

Our laser can cut sheet sizes up to 3000 x 1500mm up to thickness' of

- 20mm in Mild Steel
- 15mm in Stainless Steel
- 15mm in Aluminium
- 6mm in Brass
- 6mm in Cooper

#### **CNC Punching**

- CNC punch press plunge formed and tapped holes in a thin sheet metal plate
- CNC punch and die used to create witness free cuts in sheet metal
- Can be used for simple cutting jobs
- Thicknesses of up to 3 mm can be cut
- Can be used for multiple repetitive jobs
- Comparatively low cost service
- Faster processes and higher turnaround

#### Machining

- CNC Lathe work
- CNC Milling work
- Vertical CNC Boring work
- Horizontal CNC Boring work
- Drilling work

#### Portable Machining

- For shutdowns, breakdowns or new installations.
- Oval Manway Cutting
- Pump and Motor Bases
- Flanges
- Key Way Cutting
- Drilling & Tapping
- Pipe Cutting
- Weld Preparation

#### **Millwright Services**

- Experienced in reconditioning with the support of our machine shop.
- Valves (up to 36")
- Gearboxes (as large as 38' long)
- Bearing Assemblies
- Rebuilding of Pumps (slurry, water, propane, etc.)
- Motor and Pump Installations
- Laser Coupling Alignments

#### Welding & Fabrications

- Our welding department can provide many welding processes that include general fabrication and Defence Vehicle fabrication from steel, stainless steel, aluminum and brass products.
- Pipe Cutting and weld preparation on request.

#### Fabrications in Steel, Aluminum and Stainless steel

- Defence Automotive body parts
- Columns, Beams, Bracing, Girts, Sag Rods
- Industrial Equipment Support Steel
- Conveyors and Conveyor Supports
- Pipe Racks
- Stairs and Handrails
- Ladders
- Concrete Slip Forms
- Anchor Bolts

#### Sandblasting and Painting

- Defence Automotive body parts
- Columns, Beams, Bracing, Girts, Sag Rods
- Industrial Equipment
- Conveyors and Conveyor Supports
- Pipe Racks
- Stairs and Handrails

#### Our Services

















#### **Platework**

- Bins and Tanks
- Hoppers
- Chutes
- Stacks
- Belt and Chain Guards

#### **Metal Cutting**

- CNC Plasma Cutting Table
- Torch Cutting
- **CNC Saw Cutting**
- Metal Shear

# Computer Aided Design — AutoCAD 2D or 3D

- Mastercam
- Advance Steel
- Inventor 3D

#### Material

- Armour Plates, Strenx, Hardox, Quardian, Mars, Armox
- MS Sheet, Coil & Plates
- SS Sheet, Coil & Plates
- Aluminium Alloy 1100, 3003,05005, 5083, 6082















## We manufacture for these industries

- 1. **MACHINES ENGINEERING**
- 2. **CONTAINER ENGINEERING**
- **DEFENCE VEHICLE** 3.
- 4.
- 5.
- 6.
- 7. **COOLING SYSTEMS**
- **AGRICULTURAL MACHINERY** 8.
- **FOOD INDUSTRY** 9.
- LOGISTICS (RACKING) 10.
- **MECHANICAL ENGINEERING** 11.
- PLANT CONSTRUCTION 12.
- 13. LABORATORY TECHNOLOGY
- **WAGON ENGINEERING**

# **MEASURING TECHNOLOGY CONVEYORS** CRANE ENGINEERING













# **AL Fares**



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