



trinity holdings

to engineer solutions that shape the future

***skilled in reverse and  
design engineering for  
increased efficiency and  
improved functionality***



trinity holdings

With its roots in UAE, Trinity Holdings has evolved into a leading provider of engineering solutions in the Middle East over the past three decades.

The group has kept pace with ever changing market dynamics by expanding its product and service range, thereby establishing itself as a one-stop-shop for all engineering needs. Trinity Holdings' engineers are trained to provide innovative solutions while working side by side with its customers across various industries.

Having marked its presence in the United Arab Emirates, Trinity Holdings has expanded its footprint to India, Bahrain, Oman and Saudi Arabia to cater to the rising demand of its customers.



**Offers repairing, reconditioning & manufacturing of mechanical components for industry sectors ranging from oil & gas, marine, dredging, smelters, steel mills, power, transportation and construction among others. Equipped with conventional, heavy & CNC (up to 5 axis) machinery and a dedicated welding and fabrication yard.**

## services

- 0 Repairing, reconditioning & manufacturing of:
  - oil & gas industry components (mud pump parts, downhole tools, valves, wellhead equipment, tubular connections, sheaves and rotary equipment)
  - API 5CT, 7-1 & 8C monogrammed products
  - diesel and petrol engine parts (engine blocks, crankshafts, cylinder heads, connecting rods & liners)

- 0 In-situ services
  - line boring
  - honing
  - laser alignment
  - drilling
  - engine block machining
  - flange facing
  - milling
  - metal stitching
- 0 Specialized services
  - CNC & heavy machining
  - thermal spray
  - white metal lining/re-babbiting
  - welding & fabrication
  - dynamic balancing
  - manufacturing & overhauling of hydraulic jacks
  - equipment overhauling
  - electrical discharge machining (EDM)

ISO 9001:2015    ISO 14001:2015    ISO 45001:2018    API 5CT, 7-1& 8C

to engineer

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engineering

**A versatile foundry offering quality sand castings & heat treatment services meeting international standards. The facility houses CNC pattern shop, PLC controlled automated sand mixer, multiple induction melting furnaces and metallurgical laboratory. Blue Light also offers specialized electroplating services.**

## services

### Foundry

- single piece casting up to 5 tons in cast iron, 3 tons in steel and nodular iron and 2 tons in stainless steel
- material grades include carbon and low alloy steel, stainless steel, special alloys such as duplex and super duplex steel, high chrome, cast iron, manganese steel; non-ferrous grades including brass alloys, bronze alloys, aluminum and zinc alloys
- serving various industries including oil & gas, marine, dredging, cement, quarry, pumps and general engineering
- centrifugal casting of ferrous & non-ferrous metals

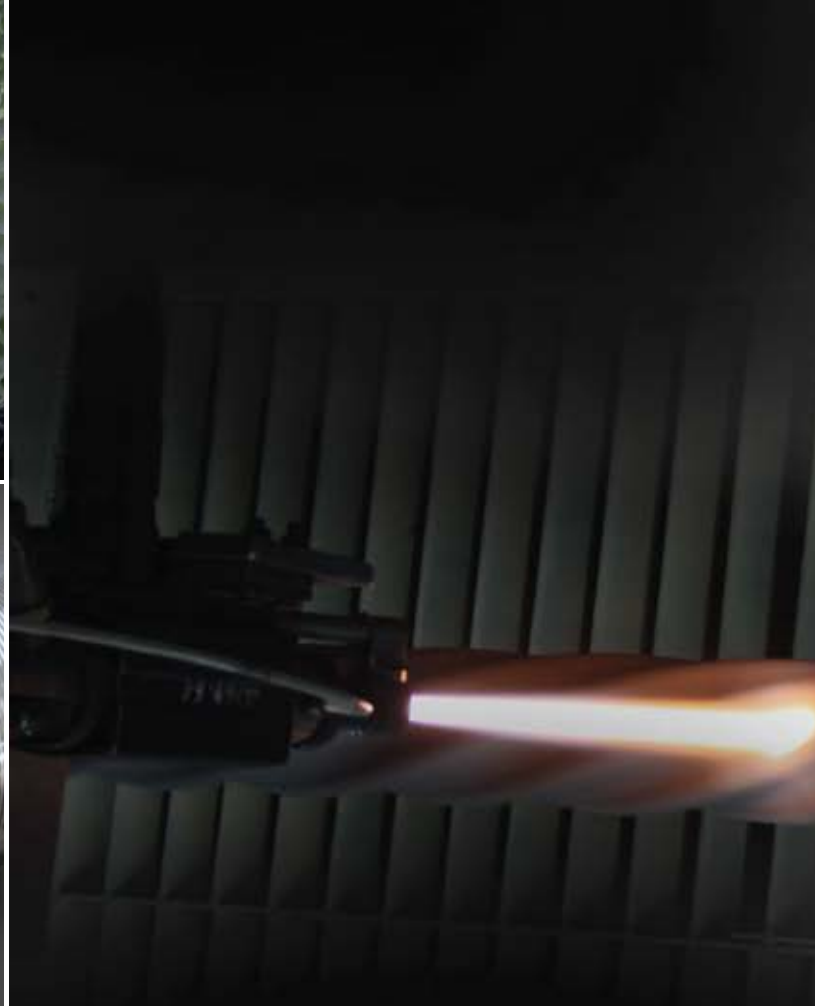
### Heat treatment

- induction hardening
- gas nitriding
- liquid nitriding / TRIBOX (quench, polish, quench equivalent process)
- carburizing, hardening and stress relieving

### Protective coatings

- hard chrome plating (HEEF), nickel plating, electro-less nickel, sulfamate nickel, copper, zinc and selective and in-situ plating services
- regularly plated components include mud motor rotors, downhole tools, hydraulic piston rods, pump shafts, turbine rotors and all types of shafts and cylinders
- copper plating for anti-galling of threaded connections
- phosphating





## services

### Developing customized surface protection solutions for various applications:

- thermal spray processes such as High Velocity Oxy Fuel (HVOF), plasma & twin wire arc spray
- Praxair licensed facility for SermaTel® and SermaLon® protective coatings on industrial gas turbines and compressors
- Industries include oil & gas, power generation, steel, aluminum, smelters, marine, dredging, cement, paper and plastics.

### Manufacturing & machining of Tubular products and connections:

- premium connections – VAGT, TMK, TPCQ & UPJ-M
- API 5CT – Casing & Tubing connections
- API 7-1 – Rotary Shouldered connections
- shot peening & cold rolling
- phosphating & copper plating

**Caters to the increasing demand for surface treatment services in Abu Dhabi. Our thermal spray facilities are certified by the US Navy for reconditioning of their components.**

### Repairing, reconditioning & manufacturing of downhole drilling tools:

- mud motor rotors - non-mag drill collars - jar components
- shock sub parts - fishing tools - other drill string components

### Overhauling of rotary equipment:

- single & multi stage centrifugal pumps
- gear box
- motors
- blowers
- reverse engineering & manufacturing of components

### Specialized services:

- CNC & conventional machining
- refurbishment of engine components
- welding of exotic materials including non-mag, Inconel, 17-4 PH, monel and stellite
- spherical, cylindrical, flat surface grinding & Lapping.
- in-situ services
- on-site TSA coating

ISO 9001:2015    ISO 14001:2015    ISO 45001:2018    API 5CT & 7-1

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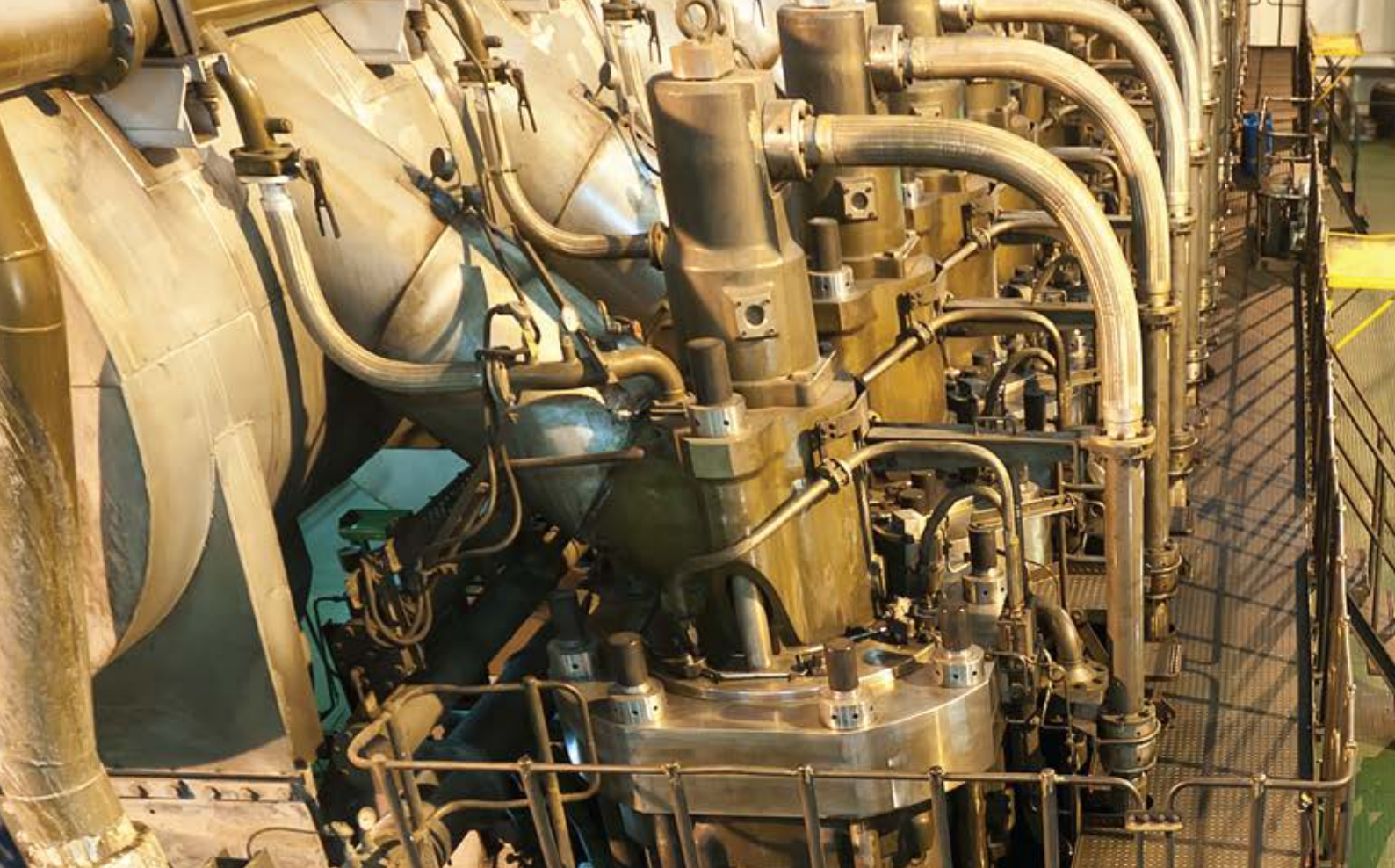
## hose division

**Provides flexible hose assemblies and expansion joints. The division has mobile workshops to serve clients within the UAE for on-site replacement & repair works.**

## products & services

- Hydraulic and industrial hose assemblies
- Hydraulic tubes and fittings
- Stainless steel hose assemblies
- Stainless steel expansion joints/bellows
- Cam locks and quick release couplings
- Wide range of adaptors, valves & gauges
- On-site surveys, estimates, testing and certifications of hoses
- Round the clock mobile hose service





dmī dubai

**A pioneer in reconditioning of marine and industrial engine components.**

## services

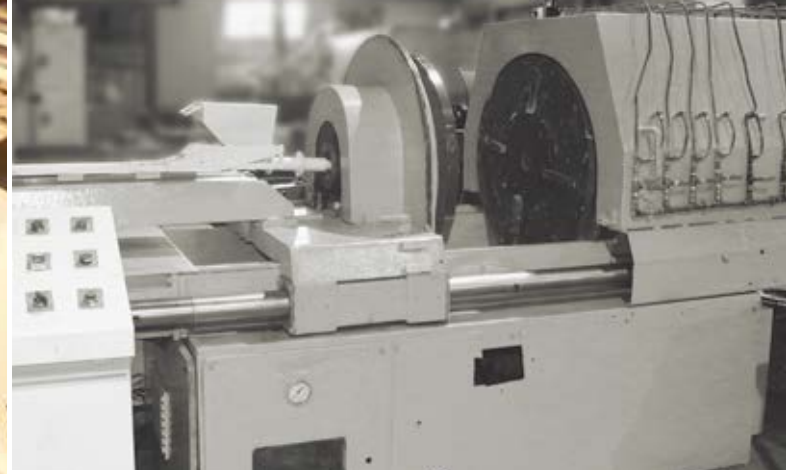
- 0 Reconditioning of diesel engine components (marine & industrial) for 2 & 4 stroke engines:
  - piston crowns
  - cylinder covers
  - exhaust valve spindles & seats
  - valve cages
  - valve housing
  - piston skirts
  - cylinder heads
  - piston rods
  - connecting rods
- 0 Two stroke main engine components are available in ready stock for exchange supply
- 0 In-situ services:
  - honing
  - laser alignment
  - drilling
  - engine block boring
  - flange facing
  - milling
  - metal stitching
- 0 On-site engine room equipment repair & overhaul
- 0 Sale of engine spare parts



ISO 9001:2015    ISO 14001:2015    ISO 45001:2018

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### white metal bearings

- 0 Services for various white metal bearing types including fixed profile, tilt pad, thrust and journal bearings
- 0 Reverse engineering, design, upgrade and failure analysis of bearings
- 0 Manufacture and repair of stern tubes and labyrinth seals
- 0 Applications for various industries including power generation, oil & gas, marine, quarry and mining



### retrofitting of conventional & CNC machines

- 0 Retrofitting of lathe, milling and grinding machines
- 0 Design and development of special purpose machines/PLC automation
- 0 Reconditioning of various machine tools and guide ways (scraping)
- 0 Ballbar test (Renishaw QC20-W)
- 0 Dismantling, shifting and installation of machines
- 0 Annual Maintenance Contract (AMC) for machines
- 0 Machine spare parts trading
- 0 On-call service and support







**Provides turnkey solutions and one-source supply of system design, electronic interfacing, engineering consultancy, components, manufacturing, installation, refurbishment and upgrades of fluid power equipment within a quality assured environment.**

## services

- Specialized in turn-key hydraulic projects
- Refurbishment/upgrades of hydraulic rig jacking systems, pipe handling systems and offshore cranes
- On-site installation, pressure testing, flushing and commissioning of piping systems
- State-of-the-art hydraulic workshop facility including test rigs
- Design and manufacture of hydraulic power packs, cylinders, spoolers and winches
- Onshore & offshore hydraulic system audits and training
- Design, build and commission cantilever and drill floor skidding systems
- Design, build and commission jacking systems for jack-up barges
- On-site hydraulic, electrical and electronic diagnostic services



ISO 9001:2015    ISO 14001:2015    ISO 45001:2018

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**A supplier of premium quality steel products for the oil and gas sector, Arametal offers material solutions for downhole drilling tools, completion equipment and pressure control equipment in the Middle East.**

## products & services

- The core range of solid round bar products includes alloy steel grades 4145, 4140, 4330V, 4130 and 8620, carbon steel grade 1018 and stainless steel grades A420M, 17-4PH and super 13 chrome, in both hot rolled and forged conditions
- A range of hot finished mechanical tubes in grades L80, P110 and T95
- Value added processing includes deep hole drilling, honing, saw cutting, turning and straightening with full technical support





**Indigenous manufacturer (OEM) of dewatering pumps and accessories in the Middle East.**

## products & services

- 0 Extensive range of pumps with different sizes and capacities to suit varying conditions
- 0 Turnkey project execution for ground water control, equipment hire, project management and dewatering consultancy
- 0 Round the clock service and support
- 0 Stockist and supplier of dewatering accessories



ISO 9001:2015

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**A leading door manufacturer in the Gulf region manufacturing fire rated and specialty doors to suit specific industrial, commercial and residential needs.**

## products

- 0 LMT offers a complete package from design, manufacturing and installation to maintenance and service that meet and exceed customer expectations.
- 0 We have the full engineering capability to design and manufacture blast proof products that meet international standards of blast pressure safety. Testing of units is done by specialist laboratories that comply with latest standards.
- 0 High Quality Acoustics & Stainless Steel Doors

ISO 9001:2015      UN Certification





**Trinity Industrial Services WLL (TIS) is located within Arab Shipbuilding & Repair Yard (ASRY), to cater to vessels that drydock in the area and heavy industries in Bahrain.**

**TIS currently offers the following services within Bahrain:**

- 0 Hard Chrome & Nickel Plating up to a length of up to 5.5 meters
- 0 On-site brush / selective plating
- 0 Thermal spray by means of twin wire arc spray
- 0 On-site machining and laser alignment
- 0 Honing of engine liners and hydraulic cylinders
- 0 Metal Stitching

ISO 9001:2015



trading



**A leading provider of high quality structural steel and other building materials.**

- 0 Actively involved in the trading of commodities in the international market
- 0 Specialized in trading steel and building materials
- 0 Caters to diverse engineering projects

ISO 9001:2015





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