



QUALITY AND SERVICE ARE
OUR STRENGTH



- **Maral Alloy** as an International Engineering and Procurement company that has been dedicated to helping our customers generate safe, reliable power through quality, custom-engineered rotating equipment solutions. Our collective expertise and worldwide presence are coupled with our legacy of creative solutions to best meet our customer's needs. A leading provider of customized control systems, Our structure and experience work to provide our customers with more efficient, innovative solutions than those possible from an OEM. Because we aren't bound by burdensome OEM internal commercial processes, we are flexible, and able to customize commercial terms with each of our clients.

Turbines

Services & Parts

- **Maral** serves oil and gas companies across the energy supply—upstream, midstream and downstream—from offshore platforms to refineries and pipelines. **Maral's** industry experience enables it to provide proven, reliable solutions that ensure continuous operation for critical processes. Comprised of controls engineers and turbine technicians, **Maral** provides **custom retrofit controls** for gas and steam turbines and a full range of **mechanical services** for turbine overhaul and maintenance. In addition, **Maral's** field service staff can be deployed rapidly around the world to troubleshoot and remedy legacy equipment issues.
- Selected oil and gas turbine services:
 - Mechanical maintenance and repair services
 - Turbine controls for compressors, pump sets, and generators
 - Reliability and monitoring systems upgrades
 - Remote 24/7 monitoring and control solutions
 - Surge control, capacity control, and load control



Instrumentation

Need a unique product for a unique application?



Maral is a global leader in the field of Instrumentation. One big reason for the continued growth of Maral is our willingness to listen to our customers' specific needs and develop solutions to meet those needs for the Oil and Gas, Petrochemicals, Power Generation industries.



Put a few challenges on our way. We look forward to tackling them for you.

Products

Products available in different styles, sizes & configurations.

- Automation and Controls
 - Control Valves & Accessories
 - Instruments
 - Flow Instrumentation
 - Measurement, Measuring Instruments
 - Offshore Instrumentation and Control
 - Wireline Tools and Downhole Instruments
 - Fittings and Tubing
 - Flow Meters
 - Fluid Control Valves
 - Pressure & Temperature
 - Electro Pneumatic
 - Process and Control Equipment
 - Air Preparation
 - Laboratory
 - Gas Chromatograph
 - Electrical products and lighting
- From leading manufacturers as:
 - **ABB- Siemens, Mitsubishi, Delta control- alffa laval, Yokogawa, Legrand,**



Maral Consistently provide high quality service and products, on time and at the right price

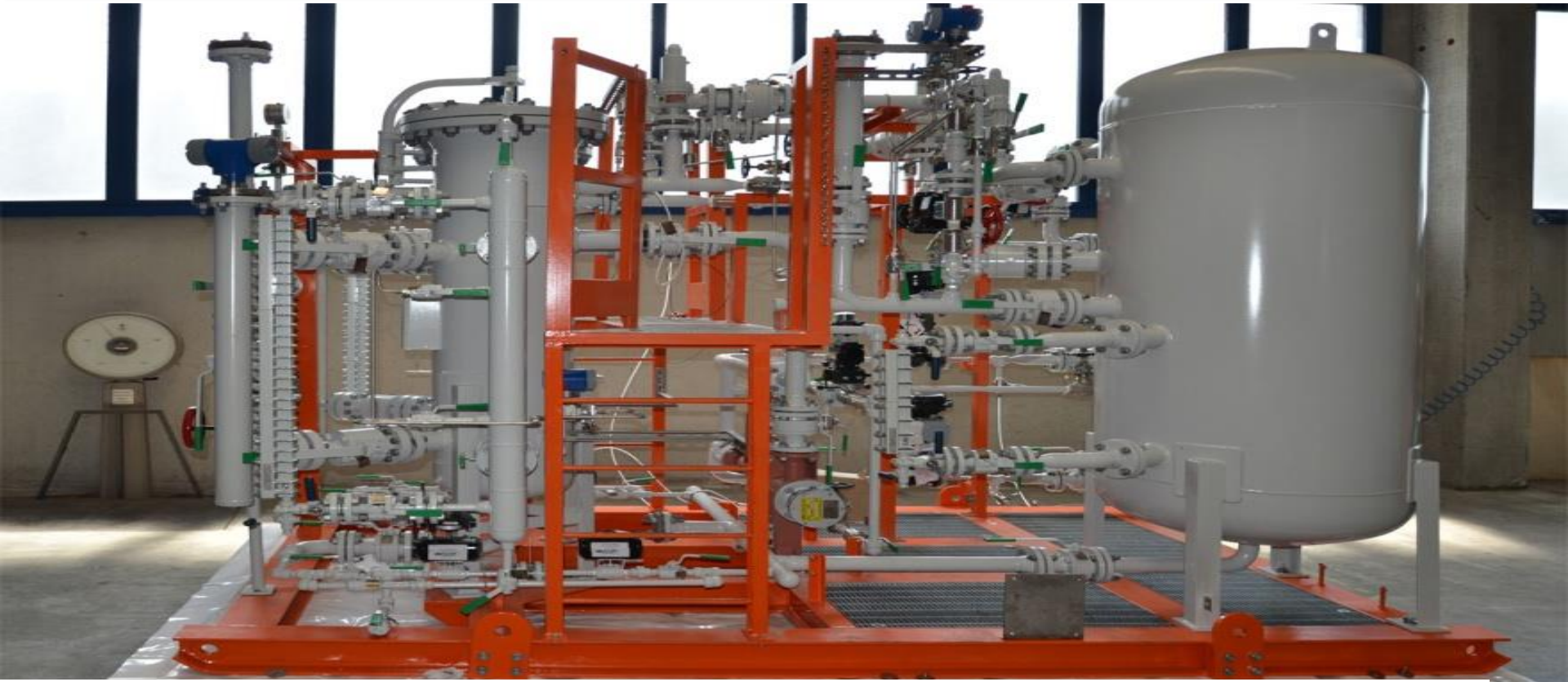
Process Packages & Skids

We design and manufacture Electro-Mechanical, Hydraulic & Pneumatic systems as essential parts of Petrochemical plants and Power stations.

- Complete skids supplying in Oil & Gas as:
- Modular System for Gas treatment such as:
 - Filter Gas Separators
 - Suction Scrubbers
 - Fuel Gas Production Skid
 - Fuel Gas Filtering & Metering
 - Fuel Gas System
 - Pressure Reducers
 - Indirectly Fired Heaters
 - Gas Skid
- Oil & Gas Pipeline cleaning systems:
 - Pig traps and Special Equipment
- All Kind of Chemical Injection Packages for Oil and Gas
- Dryer Packages
- Piping, Special pieces and spare parts
- Production Manifold



Process Packages & Skids



Pipes & Tubes

Maral is committed to provide top quality Pipes, fittings, Flanges , Valves , Gaskets and..

Figure

- Seamless Pipe
- Longitudinal Seam Submerged -Arc Welded Pipe(LSAW)
- Submerged Arc Welded Pipes (DSAW)
- Electric Resistance Welded Pipe(ERW)
- Electric Fusion Welded Pipe (EFW)
- High Frequency Welded Pipe(HFW)
- Seamless Heat Exchanger / Boiler Tube
- Seamless/Welded Precision Steel Tube

Material Grade

- AISI 304/304L / 316 / 316L / 321 / 347 / 310
- DIN 1.4307 / 1.4306 / 1.4571
- Duplex S32760 / S31803

Size

- We can supply all types of pipes as per ANSI / ASME B36.10 / 36.19 Or on request

Material

- Carbon Steel
- Alloy Steel
- Nickle Alloy Steel
- Stainless Steel

Manufacturing Standards

- EN 10216-2 / EN 10216-4 / EN 1027-2
- DIN 17175 / DIN 17173
- ASTM A106 / A333 / A335 / A688 / A358 / A213 / A269 / A312 / A423
- API 5L

Pipes & Tubes



“.....the finest custom manufactured components....”

Valve



Types

- **Ball Valve**
- **Solenoid Valve**
- **Gate Valve** (Solid Wedge , Split Wedge, Single Disc / Single seat)
- **Globe Valve** (Globe Type, Angel globe, Needle Type)
- **Rotary Valve** (Rotary Ball, Butterfly, Plug or Cock)
- **Diaphragm Valve** (Saunders Type, Pinch Type, Squeeze Type)
- **Regulating Valve** (Pressure Regulator, Piston Check, Stop Check)
- **Check Valve** (Swing Check, Ball Check, Tilting Disc Check)

Size

- ½ Inch To 84 Inch

Body Material

- ASTM A216, GR.WCB/
A352,Gr.LCB/A351,Gr.CF8/A351,Gr.CF8M
- ASTM A182,Gr.F304/A182,Gr.F316/A105 ENP Coated
- Duplex Steel
- SG (Specific Gravity) Iron / Ductile Iron
- Al – Bronze

Rating

- Pressure Class # 150, 300, 600, 900, 1500, 2500
- DIN or ISO PN 10 to ISO PN 420
- API 3000 To 10000

Manufacturing & Testing Standards

- **Gate Valve**
 - Design : API 600, API 6D, API 602 / ANSI B 16.34
 - Testing : API 598
- **Globe Valve**
 - Design: BS 1873, BS 5352 / ANSI B16.34
 - Testing: BS 6755 , PART I
- **Check Valve**
 - Design: BS 1868 /ANSI B 16.34 / ASME B 16.34
 - Testing: BS 6755 PART I
 - API 6D (On Request)
- **Ball Valve**
 - Design: BS 5351 /API 6D
 - Testing: BS 6755 PART I
 - Fire safe: API 607 / BS 6755 PART II / API 6FA (On request)
- **Butterfly Valve**
 - Design: API 609, API 5155
 - Testing: API 598 / BS 6755 PART I
- **Plug & Diaphragm Valve**
 - Design: API 6D, API 599/BS 5156
 - Testing: API 598, API 6D/BS 6755 PART (On request)
 - NACE, MR – 01- 75 Standard for each valve design on request



Materials that ensure the highest performance.

Super Alloys

Your one stop source for your raw material requirements

- **CORROSION RESISTANT**
- **HEAT RESISTANT**
- **WEAR RESISTANT**



Applications that inspire.

Metal Gasket

- Solid Metal Ring Joint Gasket (Weld- Ring Gasket)
- Hollow Metallic O-Ring
- Round Jacketed Flexible Core Inserted
- Serrated Metal Gasket
- Flat Metal Gasket

Semi Metal Gasket

- Hiflex Metal Gasket
- Spiral Wound Gasket
- Double Jacketed Gasket
- Rubber Steel Gasket

Sheet Gasket

- Asbestos Sheet Gasket
- Non- Asbestos Sheet Gasket
- PTFE Sheet Gasket
- Rubber Sheet Gasket
- Graphite Sheet Gasket

Insulation Kit

- RF Type
- FF Type
- Ring Joint Type

- A complete range of standard fasteners
 - Metric & Imperial
 - Threaded Rod / Eye Bolts
 - Bolts (A193 B7 / B7M/ B8/ B8M....)
 - Nuts (A194 2H/2HM/8M/....)
 - Washers / Lock washers
 - Anchor Fixing
 - Hex / U / L / Stud Bolts
 - Structural bolt assemblies (A307, A325, A490)

Plates

- Offshore & Structural Plate
- High Strength Low Alloy Plate (HSLA)
- Mild Steel
- Boiler, Pressure Vessel & Chrome Moly Steel
- Stainless Steels



More than 2 decades of experience in supply of welding consumables.
Superior Technical & Experienced team with considerable market share
in supplying special welding consumables.

product range for Fabrication, Repair and Maintenance in the forms of:

- Manual stick electrodes
- Solid wires and rods
- Flux cored wires
- Solders and fluxes
- Metal powders

Welding

Welding consumables for:

- **High Nickel containing materials**
- **Surfacing**
- **Special Alloys**
- **Cast iron material**
- **Copper & Copper Alloys**
- **Stainless, Acid and heat resistant steels**
- **Silver solders, Brazing and soldering alloys**
- **Aluminium and aluminium Alloys,**
- **Flame Spraying Powders**



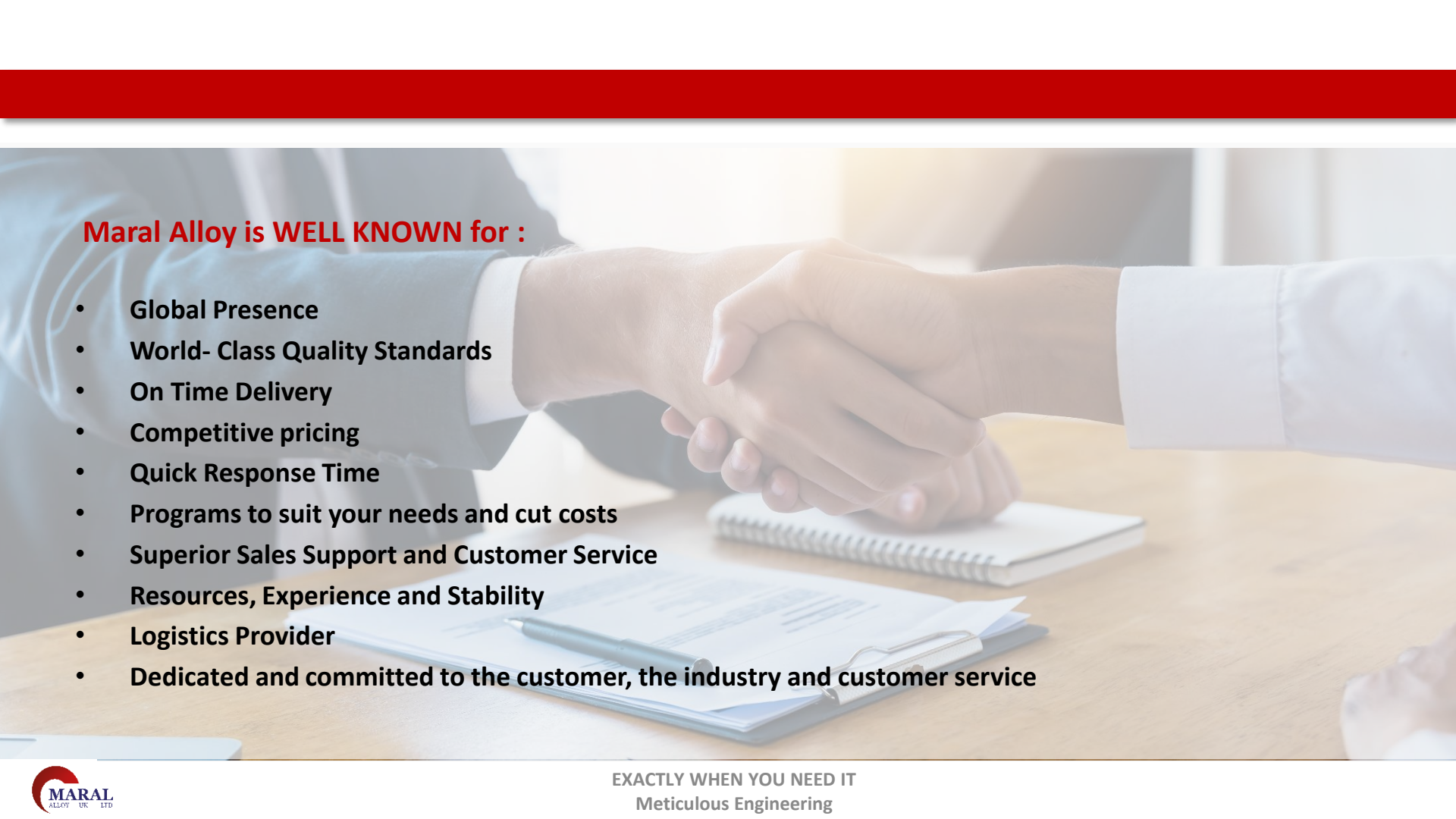
High safety and environmental values

Trade Finance

With over 20 years in business, our extensive service in trade finance allows Maral to deliver quick turnaround and immediate answers to small and medium businesses. Our flexibility and creative financing is the most important aspect to enhancing your business success.

We provide 100% funding of cost of goods. We provide an overlay to the operational management process that ensures the goods are of **proper quality, insured, shipped on time**, and that the end buyer pays in a timely fashion thus enabling the success of each transaction. **Maral** is managed by trade finance and merchant banking professionals with extensive backgrounds as well as professionals from manufacturing and trading. Together we bring our combined expertise to address the funding needs of our clients

- **Provides one-stop financing and logistics management including inspection, insurance, freight, and customs.**
 - **More flexible than other financing options**
 - **Experienced in all aspects of trade finance**
- **INDUSTRIES INCLUDE BUT ARE NOT LIMITED TO:**
 - Oil & Gas
 - Petrochemical
 - Chemical
 - Power generating
 - Cement
 - Premium Goods
- **Import Financing**
- **Export financing**
- **Letters of Credit**
- **Bank guarantee**
- **Escrow account: Reduce your payment and collection risks with a Standard Bank Escrow Account**
- **If you have valid Purchase Orders (PO) and you are unable to obtain funding to purchase the goods, call Maral Alloy UK. Limited**



Maral Alloy is WELL KNOWN for :

- **Global Presence**
- **World- Class Quality Standards**
- **On Time Delivery**
- **Competitive pricing**
- **Quick Response Time**
- **Programs to suit your needs and cut costs**
- **Superior Sales Support and Customer Service**
- **Resources, Experience and Stability**
- **Logistics Provider**
- **Dedicated and committed to the customer, the industry and customer service**

A wide-angle photograph of an offshore oil or gas processing platform. The scene is dominated by large, horizontal, metallic pipes with numerous flanges and valves. In the background, there are several large, white, cylindrical storage tanks. The platform is equipped with yellow safety railings and ladders. The sky is a clear, bright blue, and the ocean is visible in the distance. A semi-transparent white box is overlaid in the center of the image, containing the company name and contact information.

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Our Know-how , Your Advantage