



METALMECANICAS  
**HERJIMAR**



**INFRASTRUCTURES | EQUIPMENTS | SERVICES**





METALMECANICAS

HERJIMAR

**METALMECANICAS HERJIMAR** was born from a family company that develops, for over forty years, activities of construction, repairing, installation and maintenance for industrial and transportation sectors -marine, road and rail- constituting a metal engineering services company.

**METALMECANICAS HERJIMAR** is a company that has based its strategy on enhancing the I+D+i, the quality and customer service, which has allowed to meet any demand in the field of support services to industry and construction, both nationally and internationally, being one reference in its sector concerning the flexibility and customer service levels, under the most appropriate formula at the time.

**METALMECANICAS HERJIMAR** has made an ambitious program of training and qualification of human resources, establishing annual training plans. Similarly, the commitment to excellence in quality and the consciousness and commitment to the environment has resulted in the implementation of a Quality Assurance Management System under ISO 9001:2000, Environmental Management under ISO 14001-2004, as well as the implementation of a Occupational Risk Prevention Policy based on the OSHA-18000.

The main activities and services that are the signs of identity of **METALMECANICAS HERJIMAR** are shown throughout the following pages.

Mariano Jiménez Barrull  
Manager





METALMECANICAS

HERJIMAR

ISO 9001  
ISO 14001  
OHSAS 18001  
BUREAU VERITAS  
Certification



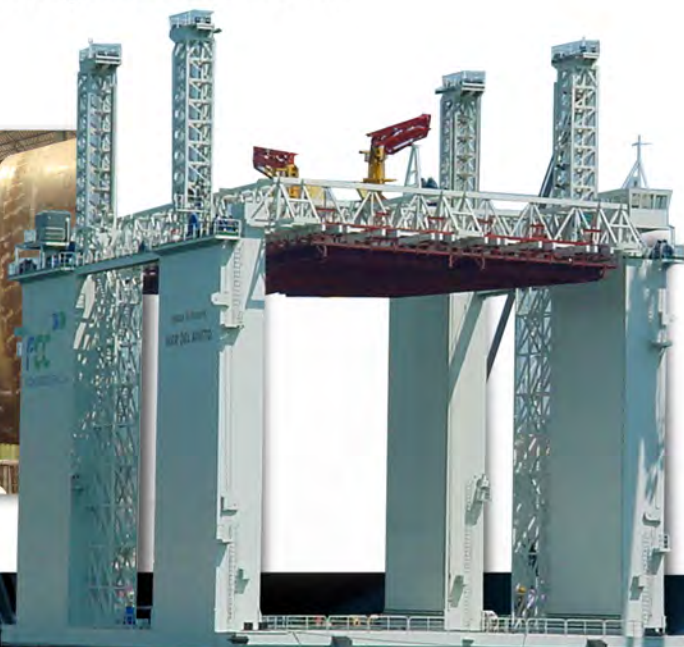
## 2. ACTIVITY AREAS

### 2.1 NAVAL CONSTRUCTIONS

### SUBMARINES AND DOCKS



- ⚙️ Navantia auxiliary company in the construction and installation of 80 Series Submarines for the Spanish Armada.
- ⚙️ Auxiliary company of shipyards DCN (France) and Navantia in the construction of Scorpene Submarines for Chilean and Malaysian Armada.
- ⚙️ Navantia auxiliary company in the construction of minesweeper SEGURA Type for the Spanish Armada.
- ⚙️ Construction of modules for expansion of floating dock in Navantia.





METALMECANICAS  
**HERJIMAR**






## 2. ACTIVITY AREAS

### 2.2 PORT AND MARITIME CONSTRUCTIONS

### HOPPERS AND LIGHTHOUSES



-  Design and construction of ecological dustproof and mobile hoppers for various ports in Spain.
-  Construction of lighthouses, buoys and lighthouse beacons.
-  Construction of general machinery for commercial ports, such as crane spoons, conveyors and equipments for port services.





# METALMECANICAS HERJIMAR



## 2. ACTIVITY AREAS

### 2.3 BOILER AND SPECIAL JOBS

- BIG DIAMETER PIPES AND CONDUITS
- METAL FORMWORK
- METAL BRIDGES AND WALKWAYS



- Auxiliary company of several construction companies in the new expansion of the Cartagena Refinery.
- Auxiliary company in the construction of solar and cogeneration plants in Spain.
- Construction of formworks and prefabricated metal arches.
- Boilers (Reservoirs, pressure vessels, tanks, silos, piping, steel structures...)
- All kind of construction and machining, such as shafts, flanges, bearings, gears, ...





# METALMECANICAS HERJIMAR








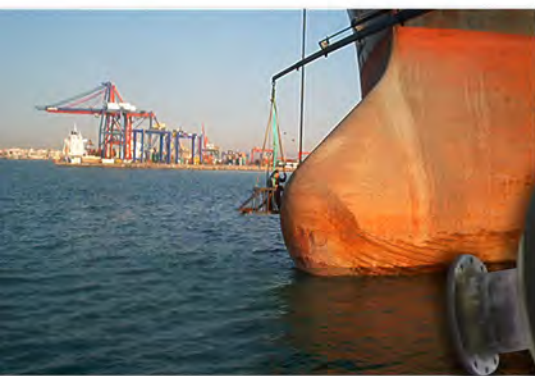
## 2. ACTIVITY AREAS

### 2.4 REPAIRING AND NAVAL AND INDUSTRIAL MAINTENANCE

#### A) REPAIRING



-  Auxiliary company of Navantia in large fairings and repair of 70 Series Submarines of the Spanish Armada.
-  Auxiliary company for repairs and maintenance of drawers and dredges used in the expansion of the Escombreras dock.
-  Removal, review and overhaul of equipment and pneumatic and hydraulic systems, motors, fluid pumps, compressors, fans, turbines, pumping facilities in general.
-  Repair and commissioning of conveyor belts, shovels, gantry cranes, port crane spoons, hoppers, storage tanks.
-  Afloat ship repairs.





METALMECANICAS

HERJIMAR







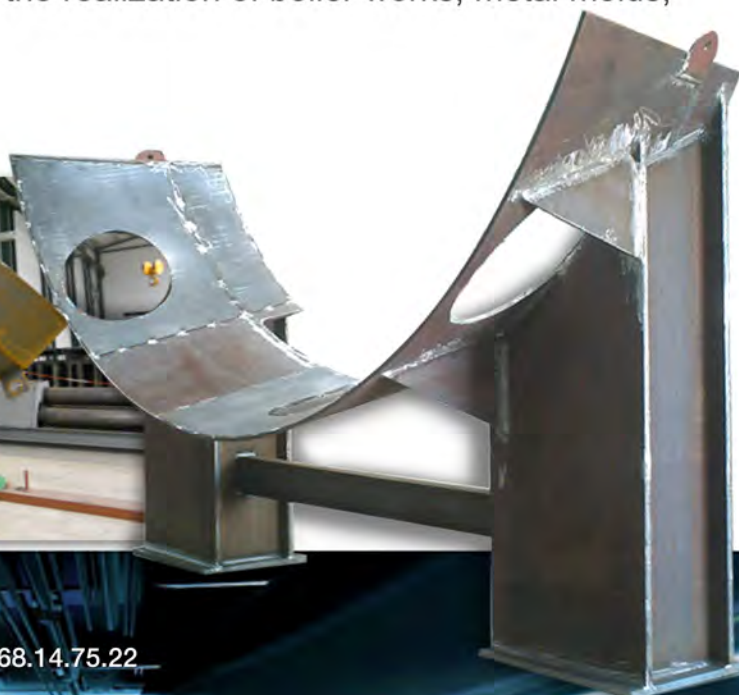
## 2. ACTIVITY AREAS

### 2. 4 REPAIRING AND NAVAL AND INDUSTRIAL MAINTENANCE

#### B) ANCILLARY SERVICES



-  specialized personnel on site, in assemblies and installations of large civil works (roads, industrial plants, ports,...)
-  Works of skilled personnel for the realization of both assemblies and maintenance.
-  Folding, cutting and bending of sheet, for the realization of boiler works, metal molds, chutes.
-  Electricity and industrial mechanical.





# METALMECANICAS HERJIMAR








## 2. ACTIVITY AREAS

### 2. 4 REPAIRING AND NAVAL AND INDUSTRIAL MAINTENANCE

#### C) MAINTENANCE



-  Review and maintenance of crude oil distillation mainframes, power plants, gas storage facilities.
-  Review and maintenance of cranes and container cranes at the port of Cartagena.
-  Ancillary services in large assemblies (highways, port construction and dredging)
-  Assembly and maintenance of silos, industrial plants and bulk products plants.
-  Commissioning and installation of lines and air conditioning equipments.











METALMECANICAS  
**HERJIMAR**



## 2. ACTIVITY AREARS

### 2.5 DECORATION



-  Construction and installation of interior fittings of all types in carbon steel and stainless steel, according to custom-design provided by the customer or developed by our technical department.
-  Construction and installation of urban furniture of all types, in carbon steel and stainless steel, according to custom-desgin provided by the customer or developed by our technical department.
-  Construction and installation of sculptures for urban decoration, according to customer design.
-  Rehabilitation and installation of historic decorative elements of all types and sizes.





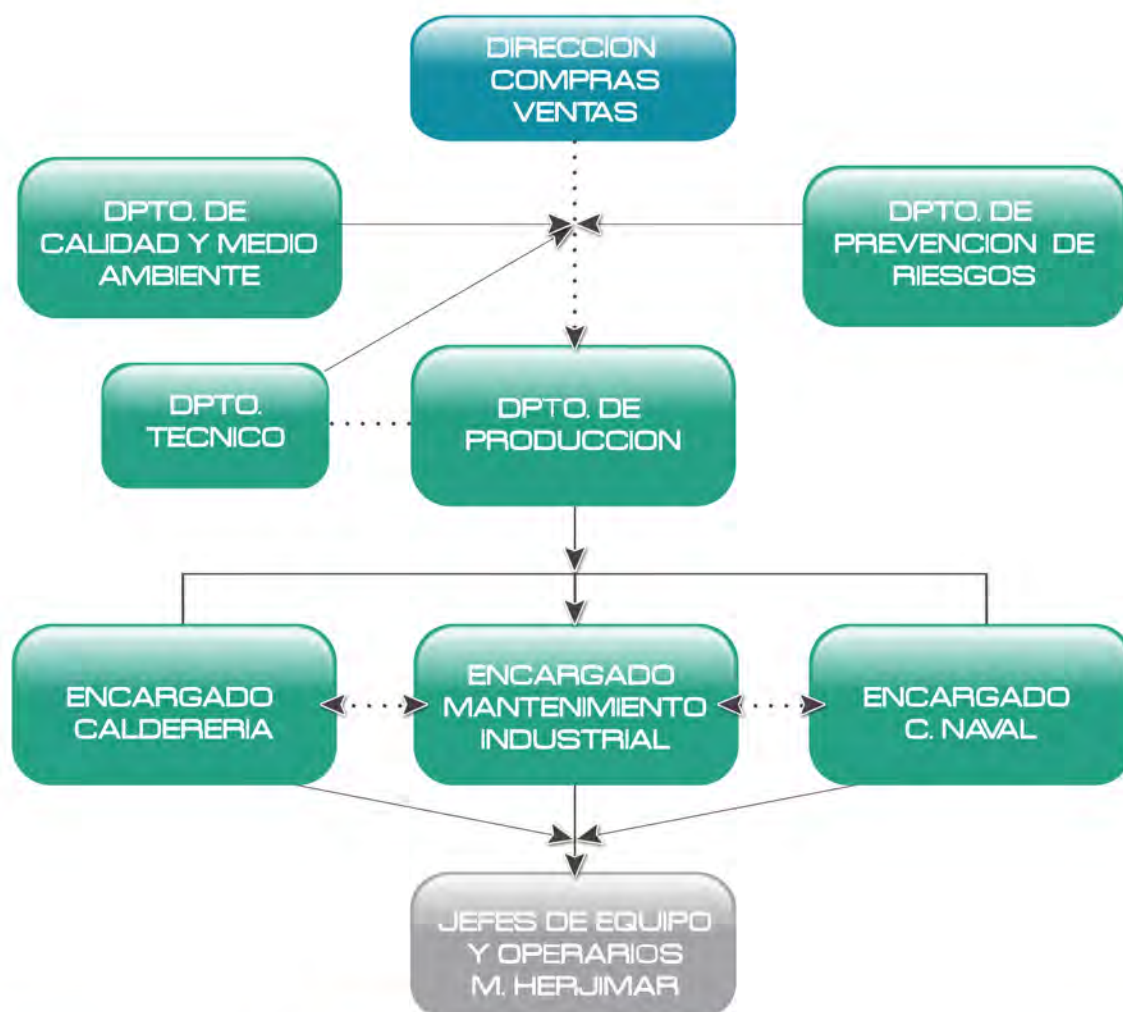
### 3 . HUMAN AND TECHNICAL RESOURCES

**METALMECANICAS HERJIMAR** has made in last years a significant investment in facilities and equipment, machinery, technical resources needed to ensure that products and processes comply strictly with the dimensions and specifications for which they were designed or specified by the customer. For this we have the following resources:

#### 3 . 1 HUMAN RESOURCES

**METALMECANICAS HERJIMAR** human resources constitutes the main asset of the company. Actually the stable staff of the company is about 100 professionals, adapting flexibly to the needs of production and to the nature of the work and projects at any time

**METALMECANICAS HERJIMAR** organizational structure is geared to provide a comprehensive response to the needs of its customers





METALMECANICAS  
**HERJIMAR**



### 3. HUMAN AND TECHNICAL RESOURCES

#### 3 . 2 TECHNICAL OFFICE OF STUDIES AND PROJECTS

**METALMECANICAS HERJIMAR** owns last generation computers and information systems used in government departments and has developed manage systems HERJIGEST and XGEST specially designed to the requirements, type and nature of projects metalworking, and CAD design applications environments and finite elements calculation, which allows **METALMECANICAS HERJIMAR** addressing turnkey projects, covering the entire life cycle of the same from design to commissioning.

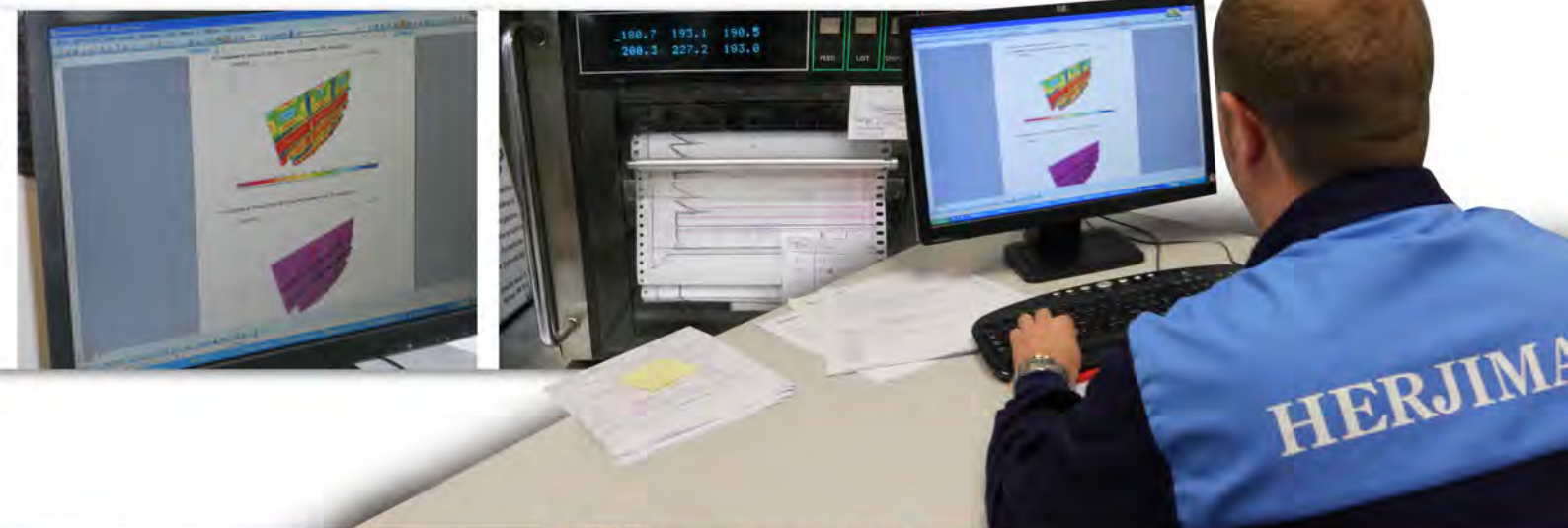
#### 3 . 3 QUALITY ASSURANCE

**METALMECANICAS HERJIMAR** is certified in UNE EN ISO 9001:2008 and UNE EN ISO 14001-2004, and soon in OSHAS 18001.

**METALMECANICAS HERJIMAR** has a Quality Plan and Dimensional Inspection Plan together with the PPI to be determined at any time by the customer, according to the needs and specific projects to be addressed.

Noteworthy are the following methods and quality control equipment:

- Caliper from 1000 to 150 mm.
- Micrometers from 300 mm.
- Computers equipped with professional office suites Windows and AutoCAD.
- Meeting rooms prepared for multiple tele and videoconferencing.
- Training room fully equipped for 25 students.
- Total Metrology Station LEICA TDA 5005.
- Optical metrology levels.
- Certified analog gauges.
- Weighter hook from 3000 to 8000 Kgs.
- Analog pyrometers.
- Calibration room.





### 3 . HUMAN AND TECHNICAL RESOURCES

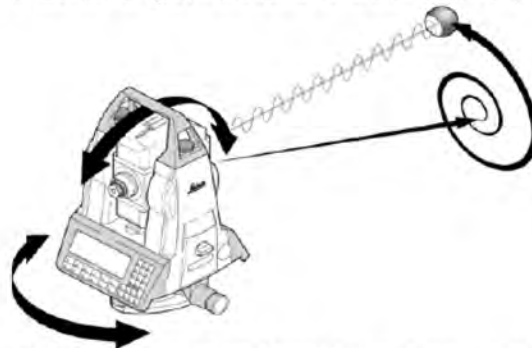
#### 3 . 4 INSTRUMENTATION FACILITIES AND EQUIPMENT

**METALMECANICAS HERJIMAR** owns last technology instrumentation equipment in terms of dimensional control systems, such as the LEICA TDA 5005 portable coordinate measurement, for the measurement of parts and tooling on site. This last generation metrological instrument includes GESDIM 2D, industry-specific software in the shipping sector at present, still the best software to detect impairment dimensional errors caused by impacts or dimensional errors. We also have specific methodologies for measuring instruments as calipers, micrometers or watches.

- LEICA A5005 system is a system of coordinate measuring, fully portable, for in situ measurement of parts and tooling.



- Performs the measurement by taking horizontal angle, vertical and distance to a point evidenced by a reflective target tape or a spherical reflector.



- in most applications, a single operator will be sufficient to perform the measurements.

To ensure precision and allow this to be independent of the measurement operator, the system provides tracking, tracing and automatic search of the center of the reflector. This will result in more or less 0.3 mm precision in a radius of 20 m around the system. For longer distances the accuracy is 0.5 mm



# METALMECANICAS HERJIMAR



## 3 . HUMAN AND TECHNICAL RESOURCES

### 3 . 5 CERTIFICATES ISO 9001:2008 - ISO 14001:2004





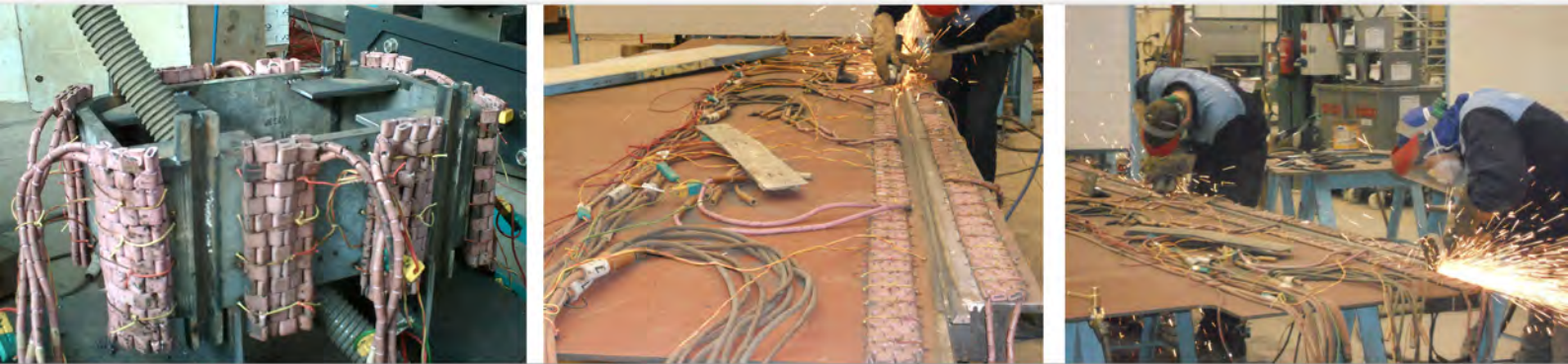
METALMECANICAS


HERJIMAR

ISO 9001  
ISO 14001  
OHSAS 18001  
BUREAU VERITAS  
Certification



## 4. THERMAL TREATMENTS



 If necessary or by work requirements we have specialized equipment for thermal treatments application in the welding processes, as well as monitoring and control via graphics that allow traceability to the required procedures.



[www.herjimar.com](http://www.herjimar.com)

CL Manganese, pac. 78-86 \* Pol. Ind Los Camachos \* 30369

Los Camachos. Cartagena. Murcia • Telf: 968.14.75.28 - Fax: 968.14.75.22



METALMECANICAS

HERJIMAR



## 5. FACILITIES AND MACHINERY

METALMECANICAS HERJIMAR owns fully equipped facilities to meet any customer demand.

Machinery responds to the level of modernization and the demands that require the ultimate quality of the works made by METALMECANICAS HERJIMAR.

### SO, WE CAN HIGHLIGHT THE FOLLOWING:

- ⚙️ 15.000 m2 in our facilities actually.
- ⚙️ Laser cutting, plasma and oxyfuel.
- ⚙️ Lathe Géminis CNC-4 720x2000mm.
- ⚙️ Hydraulic Shears guillotine Casanova de 3100\*18mm capacity.
- ⚙️ Hydraulic press brake Casanova de 300 Ton x 4100/3050mm capacity.
- ⚙️ Lathes until four meters, between points, precision Amutio Cazeneuve.
- ⚙️ Paralel Lathes of different measures.
- ⚙️ Universal milling machines.
- ⚙️ Mandrinadoras Sacem, bar 130, 2000 mm. diameter.
- ⚙️ Automatic miller drill.
- ⚙️ Radial drill 60mm. diameter y 1500mm. radius.
- ⚙️ Certical drill
- ⚙️ Hydraulic bending roll Casanova with 3 cylinders 3mts x 20mm.
- ⚙️ Profiles bending untill L-120.
- ⚙️ Folder 240 Tns. Ajial 3mts. Long. and 12 mm plate.
- ⚙️ Automatic tapping until 1".
- ⚙️ Guillotine Somme plate 10mm. and 3mts. long.
- ⚙️ 24" power saw.
- ⚙️ Cylindrical surfaces grinding.
- ⚙️ Plate cutters untill 15mm.
- ⚙️ Profiles cutters and punching.
- ⚙️ Automated vibrating shears.
- ⚙️ Abrassive disc crosscut saw.
- ⚙️ Precision shaper brush, 700mm. range.
- ⚙️ Pulsd arc welding machines 500 Amp.
- ⚙️ Submerged arc welding machines.
- ⚙️ Points welding machines.
- ⚙️ TIG welding machines.
- ⚙️ DC Welding machines 700 Amp.
- ⚙️ Autonomous group of welding.
- ⚙️ 7 Bridge cranes 10 Tn. capacity.
- ⚙️ Blasting and painting compressors..
- ⚙️ Electric compressors 3000 lts.
- ⚙️ Diesel compressors 3000 lts.
- ⚙️ Oxyacetylene blowtorch.
- ⚙️ Trucks and industrial vans for personnel, materials and machinery transport.
- ⚙️ Hydraulic press untill 150 Tns.
- ⚙️ Viradores.
- ⚙️ Extractors / fans for smoke and gas.
- ⚙️ Heaters/trackers for special materials welding pieces.
- ⚙️ Automatic belt saw untill 750mm. cut.



METALMECANICAS  
**HERJIMAR**



## 6. NATURE OF THE PROJECTS

**METALMECANICAS HERJIMAR** develops all kinds of work related to the provision of ancillary services and the construction industry, both in-house and on site. Also deals with joint-ventures with the client, addressing works and turnkey projects anywhere in the world.

**METALMECANICAS HERJIMAR** has important references in the following jobs

- ⚙️ Assembly and maintenance of industrial plants.
- ⚙️ Repair, installation and maintenance of cameras, pipes and elements in submarines, dams, ships, ...
- ⚙️ Maintenance and ancillary services in assembly and installations (highways, construction of industrial plants, dredging and port construction, ...)
- ⚙️ Construction of structures and metalwork.
- ⚙️ Construction, machining and boring of parts, gears, bearings, ...
- ⚙️ Electricity and industrial mechanics.
- ⚙️ Mobile equipments to perform repairs on site.
- ⚙️ Folding, cutting and bending plates, for carrying out boiler works, wall ties, gutters.
- ⚙️ Construction of tanks and pressure vessels.
- ⚙️ Installation and commissioning of lines and air conditioning equipments.
- ⚙️ Construction and repairing of containers for shipping goods.
- ⚙️ Manufacture, repair, supply and installation of parts and spares afloat or in anchoring, both machine and deck of ships.
- ⚙️ Works of skilled personnel for the realization of both assemblies and maintenance.
  
- ⚙️ Manufacture of structural elements shipbuilding.  
(Docks, pontoons, blocks)
- ⚙️ Construction of hoppers, crane spoons, conveyors and equipments for port services.
- ⚙️ Blasting and painting of parts and equipment.
- ⚙️ Boiler works and pipe works in general.
- ⚙️ Construction of vessels and sport ships.







# METALMECANICAS HERJIMAR



## 7. MAIN REFERENCES

METALMECANICAS HERJIMAR counts among its customers with leading Spanish construction and industrial enterprises. Below identifies some of these references:

### WORKS CARRIED OUT:

- Mobile ecological clinker hoppers 340 Tm. / 140M3 installed in Castellon commercial port (PORTSUR)
- Conical suction hoppers (ATEX) for bulk products de 98 Tm. / 47M3, installed in Tarragona commercial port (CODEMAR).
- Boiler works for sewage network connections in La Manga del Mar Menor (F.C.C., S.A.).
- Boilermaking general collector of impulsion in lift station of Tinajón (MADIMSA).
- Pier formwork cliff (UTE Dársena Escombreras).
- Oil pipelines and sulfur for chimney in Repsol Petróleo, S.A. (Cartagena).
- Construction of 100 mts. of pipe 1180Ø x 8mm. for purifying plant in La Manga del Mar Menor (F.C.C., S.A.).
- Stainless steel semicircular railing. Sport Port in Cartagena. (Cubiertas y Mzov, S.A.).
- Lattice Towers 35mts. high totally removable, made in stainless steel. (Government of Indonesia and Vietnam).
- Stainless steel decoration works in main entrance for Cartagena Bus Station (F.C.C., S.A.) and DAEWOO licensee (Almería).
- 60.000 kg. in bolts and anchor plates for extension of General Electric Plant (Dragados y Construcciones, S.A., Construcciones Gines Navarro, S.A.).
- Modify blocks formwork for extension in Santa Lucia Dock. (Ferroviario, S.A.).
- Construction and reform of racks and stands for Sun Power Plant in Badajoz (SUNPOWER).
- Construction of beacons and buoys, different sizes and shapes (LA MAQUINISTA VALENCIANA).
- Construction and installation of modules for enlargement of floating dock (NAVANTIA)
- Construction of expansions (SACOME)
- Repair afloat Cajonero KUGIRA (NECSO) and Tarifa I (FCC).
- Manufacture of structural components for cooling, bells, fan protection, racks, ... (NAVANTIA)
- Construction of 44 mts long stainless steel runway with GNL spill channel for ENAGAS new dock in Cartagena (DRAGADOS)
- Renew roof and walls in 10.000 m2 warehouse (NAVANTIA)
- Pipe installation, assembly and hydraulic testing inside minesweeper blocks (NAVANTIA)
- Construction of Trommer for Recycle Plant in Ecuador.
- Pipe construction and installation for refrigeration in Combined Cycle Power Plant (IBERDROLA Cogeneración).
- Construction of stainless steel dome for lighthouse in Azores Islands (LA MAQUINISTA VALENCIANA)
- Construction and installation of silos for bulk cement (INTERSILOS)
- Bolts, anchor plates and embedded for Combined Cycle Power Plants: ALSTOM, AES, IBERDROLA, GENERAL ELECTRIC, etc...
- Construction of connection runway between Escombreras enlargement dock and Escombreras island. (AUTORIDAD PORTUARIA DE CARTAGENA)
- Bulk download hoppers, totally automated, for Tarragona port. (CODEMAR).
- Construction of Segura Series minesweepers for the Spanish Armada (NAVANTIA).
- Repairing and maintenance of gantry cranes in San Pedro dock, port of Cartagena (DANIEL GÓMEZ)
- Repairing and maintenance of containers cranes in Santa Lucia dock, port of Cartagena (TERMINAL MARITIMA DE CARTAGENA)
- Stainless steel pressure vessels 1017 Ø x 3772 mm (NAVANTIA)
- Great careens and 70 Series submarines repairings (NAVANTIA).
- Constructions and installation of blocks, sub-blocks and pipes in 80 Series Submarines (NAVANTIA).
- Boiler works. Submarine emissarys IBERDROLA.
- Construction of Scorpene Series Submarines for the Governments of Malaysia and Indonesia (NAVANTIA and DCN).



METALMECANICAS  
**HERJIMAR**



**8. SOME OF OUR MAIN CUSTOMERS**





METALMECANICAS

HERJIMAR

ISO 9001  
ISO 14001  
OHSAS 18001  
**BUREAU VERITAS**  
Certification



## 9 . LOCATION

