



## METALWORK

Our Metalwork department covers a wide range of core activities in the history of SPM. We have a complete and constantly improved transformation workshop that satisfies the requirements of applicable standards and of our customers.

Our qualified engineers and technicians are ready to take up any challenge and manufacture new parts or open new markets.

We offer a wide range of processed materials: carbon steels, low-alloy steels, austenitic stainless steels, austeno-ferritic steels, duplex.

◆ Mechanical welding

◆ Piping

◆ Welding





## ◆ Mechanical welding

Complete execution of the sheet metal working, welding and steel working phases, as well as the finishing, preparation and adjustment of parts. We can offer a wide range of mechanically-welded products.

### Main equipment:

- Welding positioners and rotators
- Gas cutting equipment
- Sheet metal brake, 110 tons, max. length 2 m
- Other vertical and horizontal metal brakes, 100 tons
- An extensive range of handling equipment with a maximum capacity of 6 tons

## ◆ Piping

Complete execution of the cutting, chamfer preparation, docking, grinding and finishing phases.

Our recognized experience allows us to produce medium and high-pressure piping equipment in sectors with high quality requirements.

Capacities covering diameters from 1" to 32", up to 48 mm thickness.



## ◆ Welding

Welding using TIG, MIG, MAG, coated electrode and butt welding.

### Material grades and groups as per FD CEN ISO/TR 15608:

<b>Carbon steels</b>	Groups 1.1; 1.2; 1.3; 11.1
<b>Low alloy steels</b>	Groups 4.2; 5.1; 5.2; 6.4
<b>Austenitic stainless steels; austeno-ferritic steels</b>	Groups 8.1; 8.2; 10.2

### Main characteristics:

<b>Thicknesses</b>	2 mm to 48 mm
<b>Type of part</b>	All types of parts



### The WPQR are performed in compliance with:

- NF EN ISO 15614-1
- ASME section IX
- RCC-M Section IV

Regular audits of our welding activities as per NF EN ISO 3834-2 by our prime contractors.

### Our welders are qualified as per the standards:

- NF EN 287-1
- NF EN ISO 9606-1
- ASME section IX

Our welding coordinators hold degrees in IWT (International Welding Technologies).

