

# ARBATAX YARD

ITALY



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## INTERMARE

### TECHNICAL SPECIFICATIONS

#### GENERAL INFORMATION

- Overall area: 185,000 m<sup>2</sup>
- Overall office area: 2,902 m<sup>2</sup>
- Overall fabrication area: 182,098 m<sup>2</sup>
- Distance to closest international airport: 140 km
- Free trade zone: no
- Average annual temperature: 17.5 °C
- Average annual rainfall: 450 mm

#### OFFICES AND ACCOMMODATION

- Office area: 2,727 m<sup>2</sup>
- Training center: 175 m<sup>2</sup>

#### FABRICATION AREA

- Overall covered fabrication area: 13,060 m<sup>2</sup>
- Overall open fabrication area: 170,000 m<sup>2</sup>

##### *Structural steel fabrication area*

- Covered workshop: 5,000 m<sup>2</sup>
- Piping fabrication area
- Workshop for carbon steel: 1,000 m<sup>2</sup>
- Heavy/light welding line: 2,000 m<sup>2</sup>

##### *Blasting/painting area*

- Covered workshop: 1,800 m<sup>2</sup>

##### *Assembly area*

- Open area: 80,000 m<sup>2</sup>

##### *Erection area*

- Overall open area: 60,000 m<sup>2</sup>
- Soil bearing capacity: 35 t/m<sup>2</sup>

##### *Warehouse & bulk storage area*

- Covered: 2,900 m<sup>2</sup>
- Open: 80,000 m<sup>2</sup>

##### *Maintenance shop area*

- Covered: 360 m<sup>2</sup>

#### QUAY

- Length: 400 m
- Reinforced length: 60 m
- Soil bearing capacity: 50 t/m<sup>2</sup>
- Distance to open sea: none
- Water min. depth: 9 m
- Tide variation: 0.2 +/- m

#### SKIDWAYS

- Quantity: 2
- Eastward length: 180 m
- Westward length: 160 m
- Eastward soil bearing capacity: 75 t/m<sup>2</sup>
- Westward soil bearing capacity: 55 t/m<sup>2</sup>

#### YARD EQUIPMENT

##### *Preparing, beveling and welding*

- 2 x Rolling machines  
Max. thickness: 100 mm  
Max. width: 3,000 mm
- Profiling machine (plate)  
Max. cutting width: 4,000 mm  
Max. cutting length: 24,000 mm
- Plate edge milling machine
- Plate length up to 13.5 m
- Wall thickness up to 200 mm
- Profiling machine (pipe)  
Max. length: 13,000 mm  
Max. diameter: 2,000 mm

##### *Welding machines*

- 5 x SAW
- 5 x SAW (TRACTOR)
- 110 x TIG (GTAW), MIG/MAG (GMAW), SMAW
- HGG profile cutting machine (plasma)

##### *Lifting and handling*

- 2 x Tower crane  
Capacity max.: 1,000 t
- 7 x Crawler crane  
Capacity max.: 285 t
- 2 x Gantry crane  
Capacity max.: 100 t
- 5 x Mobile crane  
Capacity max.: 80 t
- 10 x Overhead crane  
Capacity max.: 50 t
- 5 x Forklift  
Capacity max.: 45 t
- 9 x Multiwheels  
Capacity max.: 600 t
- 1 x Cherry picker

#### YARD GENERAL FABRICATION CAPACITY

- Annual tonnage: 12,000 t/year
- Annual man-hours: 1,500,000 mhrs/year
- Largest jacket weight: 25,000 t
- Largest module weight: 10,000 t
- Load out method: skidding, multiwheels, cranes

#### CERTIFICATIONS

- ISO 9001: 2015
- ISO 3834-2
- EN 1090: 2011
- ISO 14001: 2004
- OHSAS 18001: 2007

Over 48 years of experience has allowed the Arbatax yard to become one of Saipem's key assets for EPCI activities worldwide, allowing us to execute such challenging and cutting-edge projects as jackets and decks and subsea structures.

## DID YOU KNOW?

INTERMARE FABRICATION YARD WAS BORN IN 1972 IN SARDINIA, AT THE CENTER OF THE MEDITERRANEAN SEA. IT CAN PROVIDE FABRICATION FOR MEDITERRANEAN AREA, NORTH SEA AND WEST AFRICA.