

ARBATAX YARD

ITALY



SAIPEM

ARBATAX YARD

INTERMARE

TECHNICAL SPECIFICATIONS

GENERAL INFORMATION

- Overall area: 185,000 m²
- Overall office area: 2,902 m²
- Overall fabrication area: 182,098 m²
- 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 m²
- Training center: 175 m²

FABRICATION AREA

- Overall covered fabrication area: 13,060 m²
- Overall open fabrication area: 170,000 m²

Structural steel fabrication area

- Covered workshop: 5,000 m²

Piping fabrication area

- Workshop for carbon steel: 1,000 m²
- Heavy/light welding line: 2,000 m²

Blasting/painting area

- Covered workshop: 1,800 m²

Assembly area

- Open area: 80,000 m²

Erection area

- Overall open area: 60,000 m²
- Soil bearing capacity: 35 t/m²

Warehouse & bulk storage area

- Covered: 2,900 m²
- Open: 80,000 m²

Maintenance shop area

- Covered: 360 m²

QUAY

- Length: 400 m
- Reinforced length: 60 m
- Soil bearing capacity: 50 t/m²
- 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/m²
- Westward soil bearing capacity: 55 t/m²

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.