

Deprest Machinery

Cutting

Plasma table 12x4 m with rotating head

- Sheet surface: 12x4 m
- Thickness up to 120 mm of which 50 mm with infeed
- Pipes up to 700 mm diameter
- Preformed heads up to 4000 mm diameter
- Source: Kjellberg 440 A, type Hi Focus 440i
- With endlessly rotating 3D head
- Oblique cutting edges / welding preparation up to 50°
- Gantry is driven by precision linear guide system

Guillotine shears up to 6000x20 mm

Laser cutting machines up to 4000x2000, thickness 20 mm

Equipment and machines

Plate bending rolls up to 40 mm thickness

- 3-roller, length 3000 mm, roll diameter 450 mm, sheets up to 40 mm
- 4-roller, length 3000 mm, roll diameter 250/220 mm, sheets up to 10 mm
- 3-roller, length 2500 mm, roll diameter 300 mm, sheets up to 20 mm
- 4-roller, length 2000 mm, roll diameter 110 mm, sheets up to 8 mm

Presses

- 150 tonne press with movable piston over a width of 1500 mm – stroke 400 mm
- Press brakes and bending machines up to 4000 mm and thickness 15 mm
- Punching machine 60 tonnes
- Profile bending rolls

Machining workshop

- Sliding lathes: max diameter 820 mm
- Milling machine
- Various drill presses
- Various mechanical saws up to 460 mm diameter

Post-treatment/finishing

- Hall for spray pickling and passivating: 20x12 m fitted with overhead cranes
 - Various sanding and grinding machines, fine finishing possible
 - Surface roughness measuring equipment
 - Insulation
 - Painting facility; other treatments by external partners
-

Welding

Welding crane for submerged arc welding (SAW) and semi-automatic welding

According to the following welding processes:

- Submerged arc welding (SAW) to 1000A, both AC and DC
- MIG/MAG welding (MIG-pulse, Pulse-on-Pulse, Power Mode, Rapid- Arc, STT) up to 500A
- Maximum diameter 5500 mm, length 24000 mm, up to 50 tonnes
- Equipped with a 360° rotating arm
- Equipped with camera and 2D tracking system
- Equipped with 15 tonnes turntable, 2 sets of self-adjusting roller settings up to 25 tonnes/set, so can weld horizontally as well as vertically. The manipulation accessories are also controlled by the central PLC, all equipped with full logging facilities (connected to server)

Various welding devices and accessories

Various TIG welding stations to 400A

Various MIG/MAG welding stations

STT welding station (Surface Tension Transfer)

Megatoscope for interpretation of weldings

Turntables and rotators

Large database of PQRs, cooperation with notified bodies to do destructive and non destructive testing for new PQRs

Infrastructure

Building

- fully equipped workshop area
- With separate halls for processing of stainless steel and special alloys
- 2 test zones for hydraulic tests (reinforced floor on piles)
- Fitted for projects up to 40 tonnes, and maximum diameter 6x6 m, length up to 50 m
- Equipped with overhead cranes everywhere (a total of 13 hoists, at least 2 hoists available at each location, max. 40 tonnes)
- Height of the welding and finishing department: 13 m
- Scissor lift and telescopic boomlift
- Located near the Scheldt river for projects with specialist haulage

Contact

Deprest NV

Frank Van Dyckelaan 24

9140 Temse

Tel +32 3 740 76 60

Fax +32 3 740 76 61

www.deprest.be

info@deprest.be