

Production facilities

Jensen Metal A/S is situated in Hasselager, close to the motorway, 15km south of Aarhus. Production space totals 4,000 m² and we employ a staff of 50. Jensen Metal's employees are skilful and independent, combining solid traditional craftsmanship with the possibilities of modern technologies. Our technicians are often craftsmen by trade and, therefore, they have both a theoretical and a practical understanding of product optimisation and the great potential of the stainless steel.

Computer software:

- SolidWorks (3D CAD)
- TopS 100 (laser software)
- EgdeCam (CAM programming)

Laser cutter:

- 6 kW. 4,000 x 2,000 mm. We only cut in stainless and aluminium

Deburring:

- Fladder AUT 1000. Min. item size 50 x 100 mm and max. size 1,000 x 4,000 mm

CNC-controlled bending-off press:

- 6,200 mm - 500 tonnes
(Due to special tools the theoretical capacity is 920 tons. This means that we are able to bend 10 mm stainless steel sheets with lengths of up to 6,000 mm and 12 mm sheets with lengths of up to 4,000mm.)
- 3,000 mm - 150 tons
- 3,000 mm - 125 tons
- 1,200 mm - 50 tons

Plate roll:

- 3 shaft: 1,500 x 3 mm
- 4 shaft: 1,500 x 3 mm

Welding:

- TIG welding (Argon)
- MIG/MAG electric arc welding
- Circular seam welding machines for pipe welding

Automatic pipe welder:

- Orbital welder Ø 33 to Ø 170 mm

Pipe bending:

- Manual bending in up to Ø 51 x 1.5 mm

Pipe collaring:

- Pipe collaring machines. Ø 25 to Ø 400 mm on main pipe and Ø 10 to Ø168 mm on branch pipes

Hydraulic press:

- 200 ton Hydroform: Tabel = 1,000 x 800 mm. Stroke length = 600 mm
- 100 ton Smedtec: Tabel = 800 x 800 mm. Stroke length = 550 mm
- 3 eccentric presses

Machining:

- JohnFord CNC milling center:
- X = 1030, Y = 500, Z = 610 mm
- Other milling:
- X = 580, Y = 300, Z = 150 mm
- X = 850, Y = 350 mm
- Viper CNC turning center:
- Max. diameter / Bar feed: Ø250 / Ø60 mm; max. length: 550 mm. Automatic feeder and rotating tool exchange.
- Manual turning:
- Ø 250, L = 1.100 mm
- Ø 278, L = 1.300 mm

Other machines:

- Shears (1250 x 2 mm)
- Locke punching machines
- GF tube saw, 6" with digital equipment
- Bolt welding machines
- Band saws

Surface finishing:

- 50m² grinding chamber
- 30m² pickling chamber
- 30m² glass peening chamber

Read more ...

Read more at our website www.jensenmetal.dk.