

Production facilities and equipment in the Carbon Steel department

LSEZ "Jensen Metal" SIA is situated in Liepāja in the southern corner of Latvia, with easy access to transport to and from Denmark and the rest of Europe. Our Carbon Steel department has production space totalling 9,400 m² and employs a staff of 110.

Production is divided into autonomous functional and production groups, each supported by their own production engineering department and a procurement and logistics department.

Computer tools:

- SolidWorks (3D CAD)
- Bysoft (laser software)
- Punch (revolver software)

Laser cutting:

- 4.4KW 1,500 x 3,000 mm with feeder.

Revolver punching:

- 1,250 x 2,500 mm and up to 4 mm sheet metal.

CNC edge bending:

- 3,000 mm - 150 tons
- 3,000 mm - 120 tons

Hydraulic presses:

- 500 ton Tranemo: Dimensions (L x W x H) = 1,200 x 1,600 x 800 mm
- 135 ton APT: Dimensions (L x W x H) = 1,000 x 1,000 x 500 mm
- 9 eccentric presses (16 to 100 tons)

Hydraulic punching and shearing:

- GEKA Hydracrop with 5 workstation positions: punching, notching, shearing and cutting.

CNC turning/milling:

- CNC-controlled turning and milling centres with separate tools for stainless steel machining. Further details are available in the fact sheet for our machining department.

Welding:

- TIG welding
- CMT welding
- MIG/MAG welding

Sawing systems:

- Adige TS72 full automatic cutting line with integrated tube loading and deburring. Tube length: 6,500 mm. Cutting length up to 1,500 mm. Max. diameter 102 mm.
- Pedrazzoli full automatic cutting line with integrated tube loading and deburring. Tube length: 6,500 mm. Cutting length up to 3,000 mm. Max. diameter 120 mm.
- Carif 260 BSA automatic band saw. Max. diameter Ø150 mm.

Robotic welding:

- 3 ABB robots with CMT welding source: 1,000 x 1,550 mm Two tables on each.
- ABB robot with 3 stations on a running rail and CMT welding source: 2 stations, 2,000 x 1,200 mm, and 1 station, 3,200 x 1,900 mm.

Other machines:

- Spot welding machines
- Bolt welding machines up to M12
- Haeger press
- Grinding machines
- Zeiss Duramax measuring machine. Measuring area: 500 x 500 x 500 mm

Surface finishing:

- Wagner powder coating machine: Dimensions (L x W x H) = 2,000 x 350 x 1,000 mm.
- Hollis degreasing system: Dimensions (L x W x H) = 400 x 300 x 60 mm.
- 40m² Skyline spray chamber for wet paint coating: Dimensions (L x W x H) = 8 x 5 x 4 m.

Assembly department

- 350 m² restricted area.

Read more ...

Read more at our website www.jensenmetal.lv.

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