

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 the rest of Europe. Our Carbon Steel department is located at Virssardzes str.11 and has production space totalling 11,400 m² and employs a staff of 180.

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 modelling)
- Bysoft 7 (laser software)
- NC Express e3 punch (revolver software)
- Robot studio (welding robot software)

Laser cutting:

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

Revolver punching:

- PrimaPower PG1530+LST 1,500 x 3,000 mm.

CNC press brakes:

- Bystronic Xpert 3.000 mm – 150 t
- Bystronic Xpert 1.530 mm – 80 t

Hydraulic presses:

- 135 ton Hydraulic APT
L x W x H = 1.000 x 1.000 x 500 mm
- 150 t eccentrics coil press
- 8 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

Assembly department

- 500 m² dedicated area.

Sawing systems:

- 2 Adige full automatic cutting lines with integrated deburring and length control; tube length 6.500 mm; cutting length 20 - 1.500 mm; max Ø 80 mm
- Pedrazzoli full automatic cutting line with integrated deburring; tube length 6.500 mm; max length 3.000 mm; max Ø 120 mm
- Bianco 370A automatic bandsaw; max Ø 300 mm
- Carif 260 BSA automatic bandsaw; max Ø 150 mm

Robotic welding:

- 3 ABB 1600 robots with CMT welding source
- 2 ABB 2600 robots with double CMT welding source

Other machines:

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

Surface finishing:

- Automatic powder paint line:
Gema powder coating cabin,
4 stage iron phosphate pre-treatment:
L x W x H = 1.500 x 500 x 2000 mm
- Wagner Manual powder cabin
L x W x H = 800 x 500 x 700 mm
- Cleentek Inline Compo cleaner 1040 400 x 200 mm
- 40 m² Skyline spray cabin for wet painting L x W x H = 8 x 5 x 4 m
- 33 m² blasting booth L x W x H = 8,5 x 3,9 x 3,9 m; 2 types abrasives: steel grit & corundum

Read more ...

Read more at our website www.jensenmetal.lv.

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