

BOSINOX

Enjoy the quality

Your ONE-STOP service center

Laser cutting, Bending, Welding,...

Description

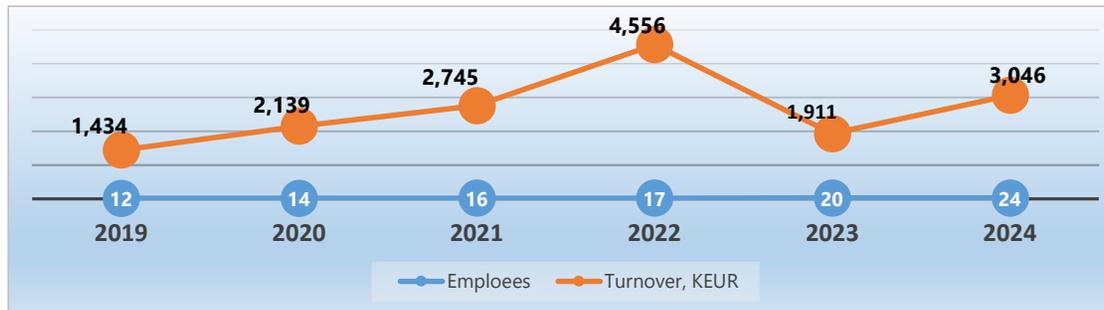
- **JSC Bos Inox** is a production company offering:
 - Laser cutting of sheets
 - Bending
 - Laser cutting of tubes and profiles
 - Welding
- **ONE-STOP service**
- With existing subcontracting we can offer wet/powder painting, galvanising, anodising or other surface treatment possibilities.
- Parts can be manufactured in pieces as well as in bigger quantities.
- Activities are performed in line with Combined Quality, Environmental and OSH Management System according **LST EN ISO 9001:2015, LST EN ISO 14001:2015** ir **LST EN ISO 45001:2018** standarts.

History

- **2006** JSC Bos Inox established, start of Stainless-Steel trade
- **2012** start of production, installation of **Water Jet cutting machine**
- **2016** rent of additional premises, installation of laser cutting machine **BYSTRONIC BYLASER 4020, 4,4kW**
- **2017** integration of **ISO 9001** standard
- **2019** integration of **ISO 14001/45001** standards
- **2021** installation of tube laser cutting machine **TRUMPF TruLaser Tube 5000 + 3D cutting head, 3kW**
- **2021** installation of bending machine **TRUMPF TruBend 3100, 100 tons**
- **2021** start of welding service
- **2022** cornerstones are laid for new premises
- **2023 Q1** launch of own designed production management ERP **BOS-GVS**
- **2023 Q1** installation of **TRUMPF Trulaser 3030 + Edge Line Beveling, 6kW**
- **2023 Q1/Q2 installation of 100kw Solar Power Station**
- we are building our history further on.....

Info

- Established: **2006**
- Stuff & Turnover



- Premises: **600m³+700m³ -> Year 2023 1800m³**
- Export directions: Germany, France, Finland, Sweeden, Norway, Denmark, Latvia, Estonia
- Production management system: **Bos Inox GVS**

Service

- **LASER** cutting of sheets
- **BENDING**
- **LASER** cutting of tubes and profiles
- **WELDING**
- **THREAD TAPPING**
- **MANUFACTURE OF PARTS 1pc.** to **MASSIVE** production
- **SUBCONTRACTING:** mechanically treated parts, painting (wet/powder), galvanising, other surface treatment

- **ONE-STOP SERVICE CENTER !!!**

Investment plans

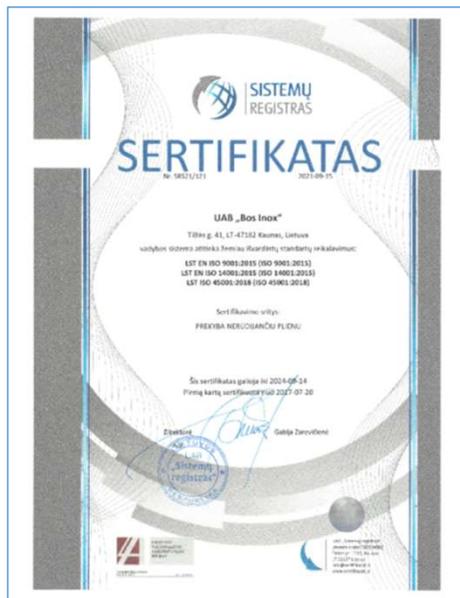
- Integration of welding procedure control system ISO 3834
- Automation of quality check

Implemented

- Installation of 100kW Solar Power Station
80% of electricity consumption will be covered
- Sales and production management BOS-GVS ERP

Quality management

- Quality management is carried out according ISO standards:
ISO 9001:2015, ISO 14001:2015, ISO 45001:2018
- Visual check-up of manufactured parts



SHEET LASER

- **TRUMPF Trulaser 3030 + Edge Line Beveling**

LASER POWER	6,0 kW
LASER HEAD	2D + Edge Line Bevelling
MACHINE TYPE	TruFiber
CUTTING SPEED	170 m/min
WORKING RANGE X x Y	3000 x 1500 mm
TABEL LOAD WEIGHT	1100 kg
MATERIAL THICKNESS	
Mild steel	25 mm
Stainless steel	25 mm
Aluminium	25 mm
Brass*	10 mm
Copper*	10 mm



Countersinking, edge beveling



TUBE LASER

- **TRUMPF TruLaser Tube 5000 + 3D cutting head**

ROUND TUBE MAXIMUM OUTSIDE DIAMETER	152 mm
RECTANGULAR PROFILE MAXIMUM SIDE LENGTH AND OUTER CIRCLE DIAMETER	152 mm / 170 mm
MAX RAW MATERIAL LENGTH	6500 mm
FINISHED PART LENGTH	3000 mm
WORKPIECE WEIGHT	25 kg/m - 163 kg/m
LASER HEAD	3D ±45°
MAXIMUM LASER POWER	3000 W
MAX thickness, MILD STEEL	8 mm
MAX thickness, STAINLESS STEEL	5 mm
MAX thickness, ALUMINUM	6 mm
MAX thickness, COPPER*	4 mm
MAX thickness, BRASS*	4 mm



BENDING

- **TRUMPF TruBend 3100**

PRESS FORCE	100 tons
BENDING LENGTH	3060 mm
USER INTERFACE	T3500T multi-touch control
MAX SPEED Y AXIS	15 mm/s



WELDING

- **KEMPPPI Master MIG 355G**

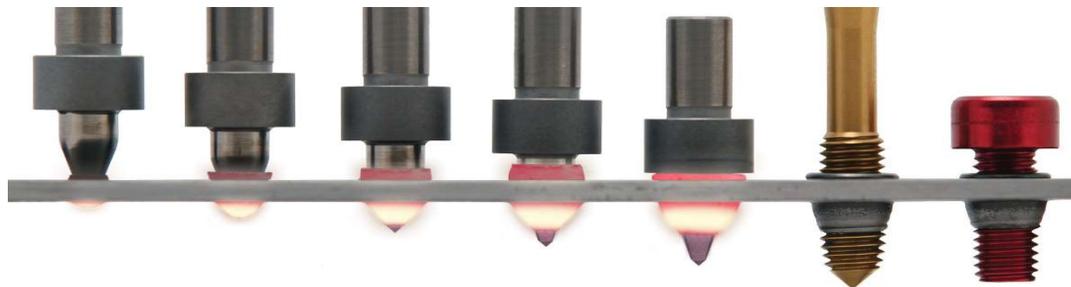
CONNECTION VOLTAGE 3~50/60 Hz	380-460 V
FUSE	16 A
FILLER WIRES	Fe, Ss, Mc/Fc, Al
WELDABLE MATERIAL	Steel, Stainless steel, Aluminum, Copper
WELDING CURRENT	15 A
COOLING	Master M Cooler
WELDING TABLE	2000x1000mm
ADDITIONAL OPTIONS	
Weld Assist, WiseFusion, Powerlog, MAX Speed, MAX position, MAX cool, etc.	



FLOW DRILL

- OPTIdrill DH 18V

DRILLING STEEL	18mm
CONTINUOUS DRILLING STEEL	16mm
THREAD TAPPING	M10
FLOW DRILL	2-10mm
DRIVE SYSTEM	Electrical 230V
SPEED RANGE	100-6000 rpm
SPINDEL CHUCK	MT2



THREADING

- **METALLKRAFT Thread tapping GS 1100-16E**

TAPPED HOLES at 400 N/mm²	M3 – M16
MAX. SPEED	312 r/min
SOUND PREASSURE LEVEL L_p	59 dB(A)
CUTTING DIRECTION	right/left
DRIVE SYSTEM	electrical
CANTILEVR RADIUS	1100 mm
ANGLE ADJUSTMENT	0 – 90 °
1 TAPPING CHUCK each	GT12 M3, M4, M5-6, M8, M10, M12, M14, M16



GRINDING

- **Q-FIN TOPGRINDER**

GRINDING HEADS	2
VACUUM SYSTEM	2,2 kW
ELECTROMAGNETS	2
WORKPIECE WIDTH	780mm
WORKPIECE LENGTH	Unlimited*
Suitable for: deburring, grinding, slag removal, edge rounding, polishing	



OTHER

- **TRANSTOCKERS**

NUMBER OF ROWS	1
NUMBER OF SHELVES	16
SHELVE LOAD max	3 tons
FULL LOAD max	48 tons
FEED DIRECTION	2

NUMBER OF ROWS	2
NUMBER OF SHELVES	7
SHELVE LOAD max	3 tons
FULL LOAD max	48 tons
FEED DIRECTION	1

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