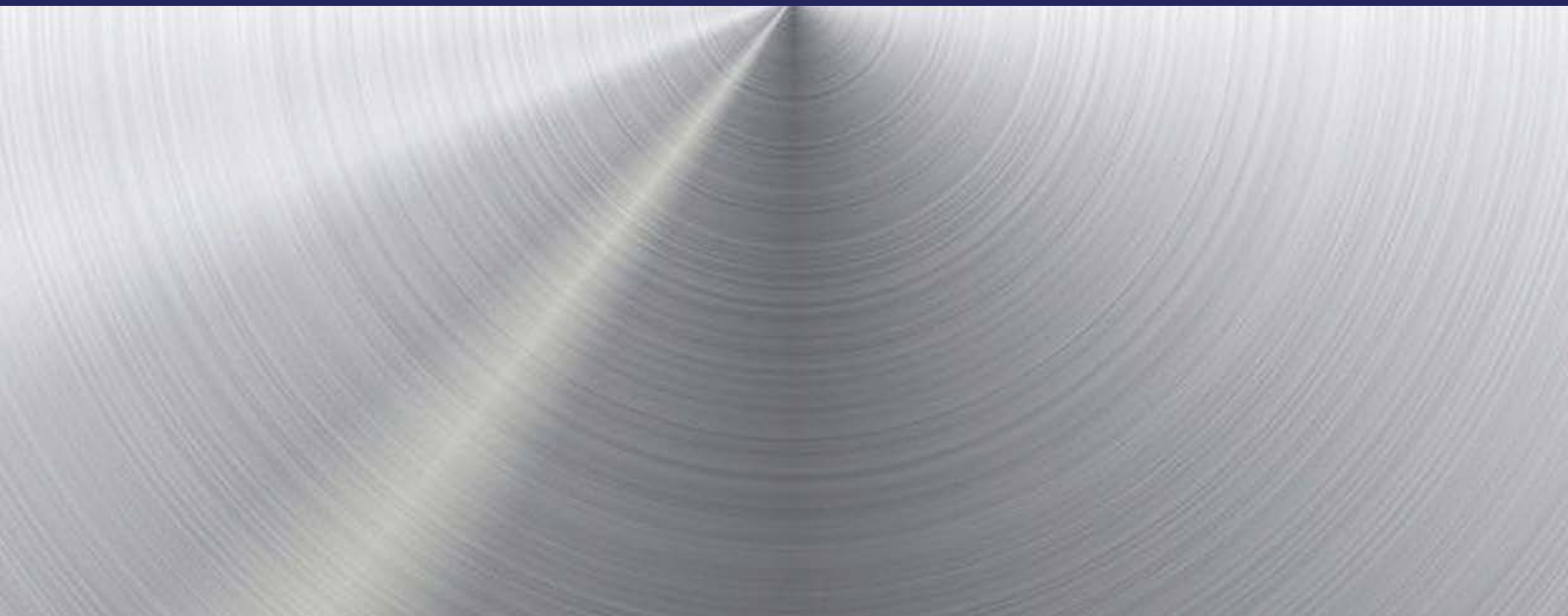
FAVEX

SALE – SERVICING – COOPERATION



FAVEX, s.r.o. has been operating in the metallurgical material market since 1994.

We specialize in the sale, processing and distribution of metallurgical products:

- seamless steel tubes,
- welded steel tubes,
- steel closed and open sections,
- cold-drawn steel bars,
- hot-rolled steel bars,
- stainless steel.

For these purposes, modern insulated warehouses with an area of 10,000 m² have been gradually built in the Buchlovice industrial zone since 2000.
We offer more than 1,500 active metallurgical products directly from the warehouse.

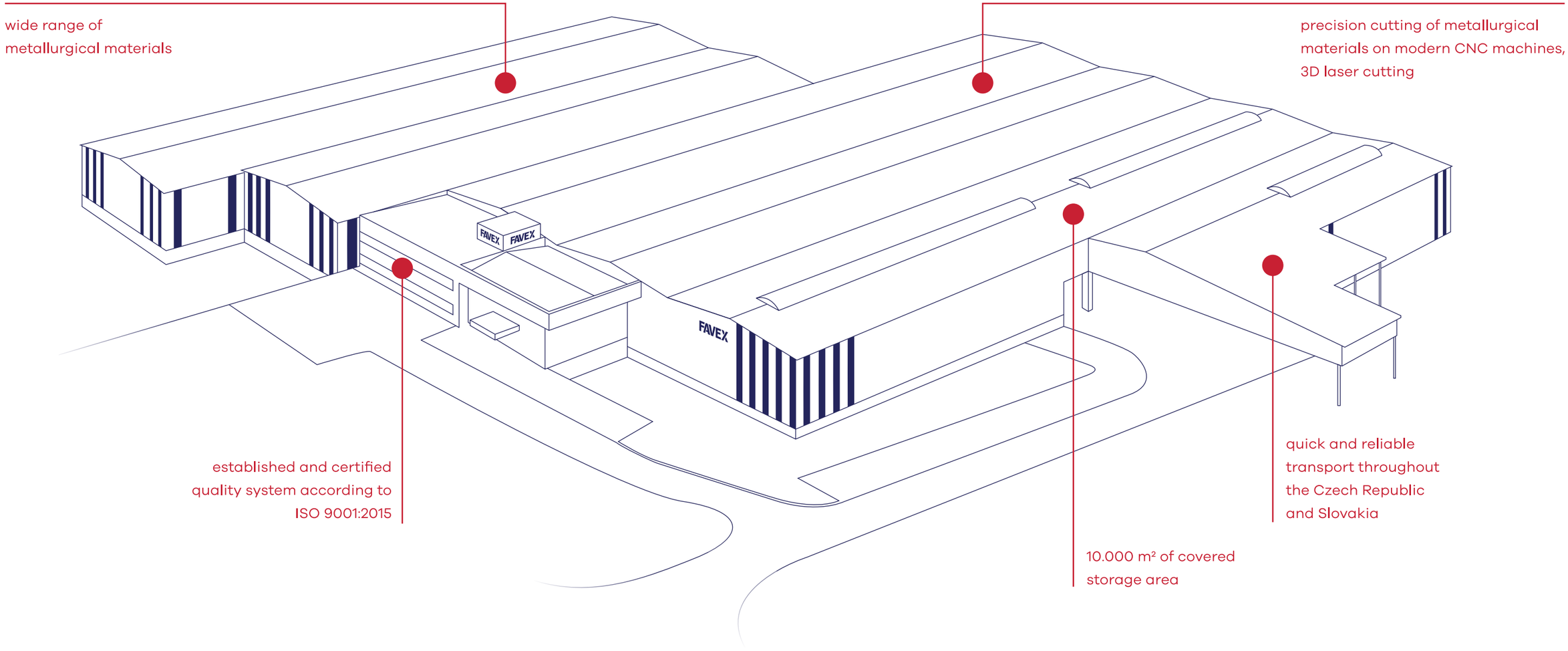
For the storage of metallurgical materials, we also use two high-capacity automatic stackers with a total capacity of 2,800 cartridges for long materials.

Accurate stock recording is controlled by an information system using bar codes.

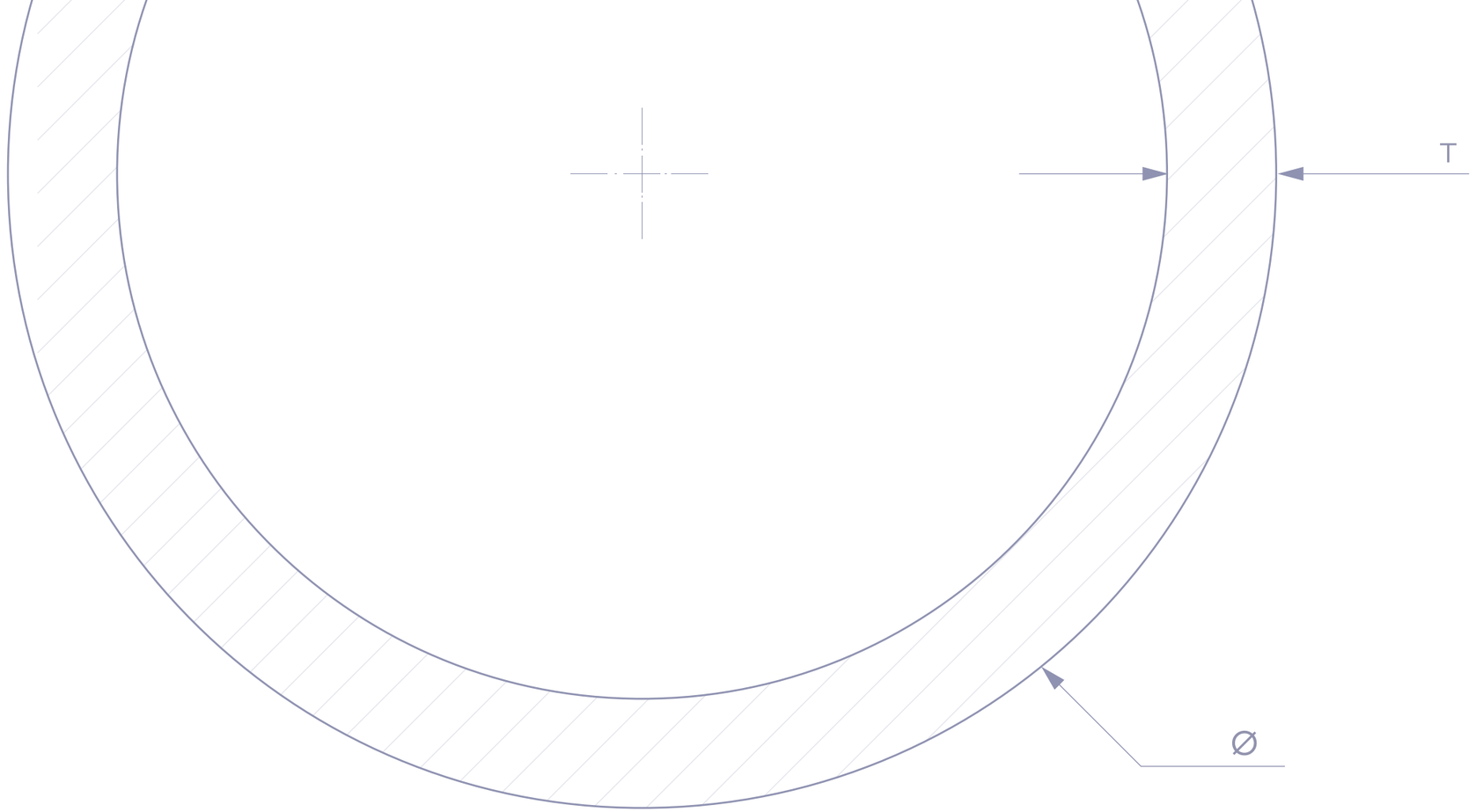
Since 2004, FAVEX, s.r.o. has also been offering services in the area of precision cutting of materials on powerful cutting lines with the option of brushing. We use BOMAR band saws and ADIGE circular saws. We also offer precision laser cutting of tubes and sections on the Bystronic FL 300 3D laser machine.

Packaging and subsequent transport of materials and finished products domestically and abroad is an integral part of our services.

FAVEX, s.r.o. holds a quality certificate according to EN 9001:2015, issued by TÜV NORD Czech, s.r.o.



SEAMLESS STEEL TUBES



SMOOTH SEAMLESS – HOT-ROLLED

dimensional standards
EN 10210-2
EN 10216-1
EN 10216-2
EN 10216-3

quality standards
S355J2H, S235JRH
P235TR2
P235GH
P265GH
P355N(H)

use
for steel structures, for machine parts
for pressure distribution system and power engineering

PRECISION SEAMLESS – COLD-DRAWN

dimensional standards
EN 10305-1

quality standards
E235
E355
boiler – P235GH, P265GH
for low temperatures – P215NL, P275NL1

TUBES FOR THE PRODUCTION OF HYDRAULIC AND PNEUMATIC CYLINDERS

dimensional standards
EN 10305-1

quality standards
E355
20MnV6

inner surface tolerance
H8, H9

HPL TUBES FOR HYDRAULIC AND PNEUMATIC LINES

dimensional standards
EN 10305-4

quality standards
E235
E355

design
tubes are supplied with zinc-plated surface

INJECTION TUBES

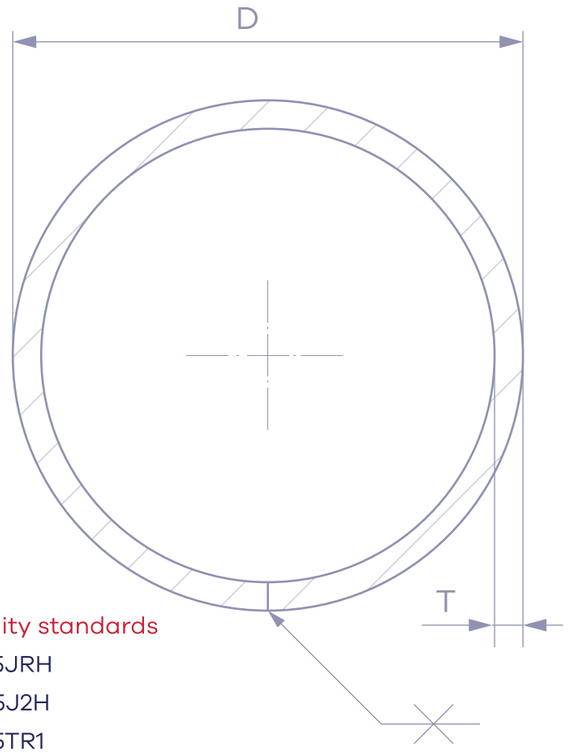
dimensional standards
ISO 8535-1
DIN 73000
ČSN 426718

quality standards
St 30si
St 30Al
12015

The current offer can be found at www.favex.cz/produkty/stav-skladu/

Tubes with special requirements for dimensions and standards are supplied based on specific customer requirements.

WELDED STEEL TUBES



WELDED – SMOOTH

dimensional standards
welded smooth – EN 10219
hot-finished – EN 10210
for media distribution – EN 10217
for pressure purposes – EN 10217-2
threaded – EN 10255

quality standards
S235JRH
S355J2H
P235TR1
P235GH
S195T

WELDED – CALIBRATED

dimensional standards
EN 10305-3

quality standards
E195
E220
E235
E355
E420

design
annealed, non-annealed tubes made of pickled, cold, zinc-plated, aluminium-plated bands, with deflashed interior

use
furniture, radiator, automotive industry

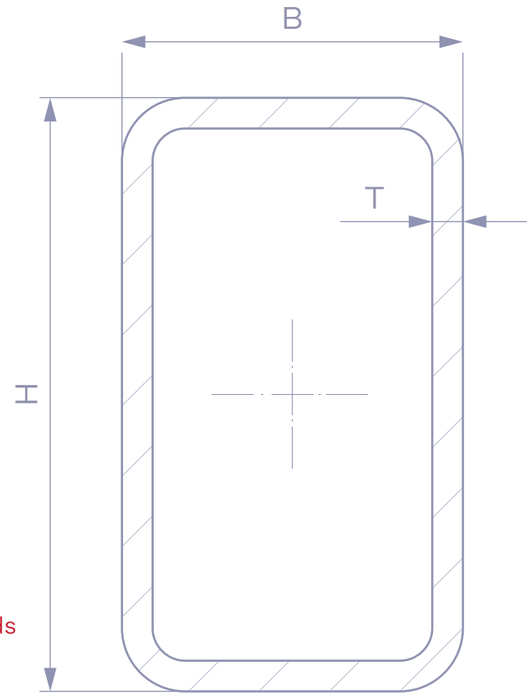
WELDED – COLD-DRAWN

dimensional standards
EN 10305-2

quality standards
E195
E235
E355

design
annealed, non-annealed

WELDED STEEL SECTIONS



WELDED – SMOOTH

dimensional standards
square – EN 10219
rectangular – EN 10219

quality standards
S235JRH
S355J2H

WELDED – CALIBRATED

dimensional standards
EN 10305-3

quality standards
E195
E220
E235
E355
E420

design
annealed, non-annealed tubes made of pickled, cold, zinc-plated bands, with deflashed interior

use
furniture, radiator, automotive industry

WELDED – COLD-DRAWN

dimensional standards
EN 10305-2

quality standards
E195
E235
E355

design
annealed, non-annealed

The current offer can be found at www.favex.cz/produkty/stav-skladu/

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STEEL

BARS

COLD-DRAWN
ROUND, FLAT, SQUARE, HEXAGONAL

dimensional standards
EN 10278

quality standards
S235JRC+C
S355J2C+C
11SMn30

COLD-DRAWN STEEL SECTIONS – L, U, C

dimensional standards
EN 10162

quality standards
S235JR

HOT-ROLLED – ROUND

dimensional standards
EN 10060

quality standards
S235JR
S355J2

HOT-ROLLED – FLAT

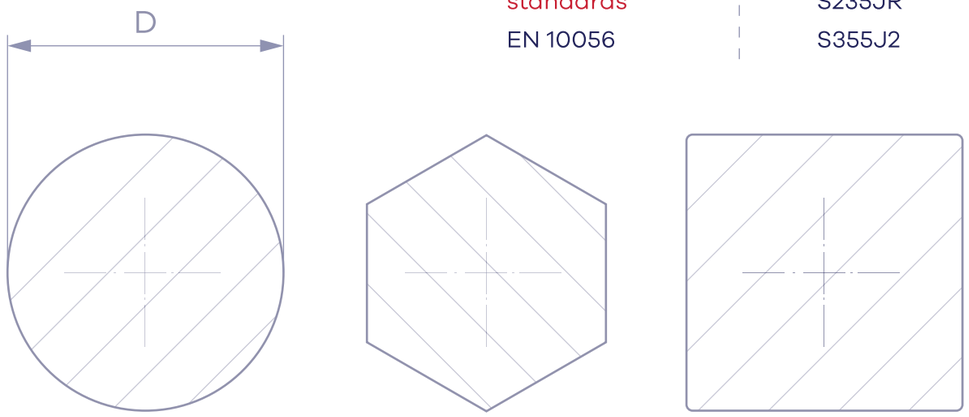
dimensional standards
EN 10058

quality standards
S235JR
S355J2

HOT-ROLLED – L-SHAPED

dimensional standards
EN 10056

quality standards
S235JR
S355J2



STAINLESS

STEEL

SEAMLESS TUBES

dimensional standards
EN ISO 1127, EN 10216-5, 10297-2, EN 10305-1
pickled, glossy surface
rolled hollow tubes according to EN 10216-5

WELDED TUBES
LASER, TIG, HF

dimensional standards
EN ISO 1127, according to EN 10217-7, 10296-2
pickled, brushed, ground, polished surface

WELDED THIN-WALLED CLOSED SECTIONS

dimensional standards
EN 10219
pickled, brushed, ground, polished surface

STEEL BARS

dimensional standards
rolled round – according to EN 10060 and glossy according to EN 10278
rolled square and rectangular – according to EN 10059, 10058 and glossy according to EN 10278
rolled hexagonal – according to EN 10061 and glossy according to EN 10278
rolled flat and sheet-split

QUALITY

basic range
1.4301, 1.4305, 1.4571, 1.4404, 1.4541
ferritic quality
1.4016, 1.4021, 1.4057

special heat-resistant, fire-resistant quality, DUPLEX (1.4462)

The current offer can be found at www.favex.cz/produkty/stav-skladu/

Tubes with special requirements for dimensions and standards are supplied based on specific customer requirements.

MATERIAL CUTTING

ADIGE AUTOMATIC CUTTING LINES

These machines are suitable for cutting tubes, closed and open sections and solid materials using top-quality coated (TIN, TICN, PVD) circular saws, including brushing.

range of material for cutting

cut length	17–4500 mm with an accuracy of +/- 0.4 mm
solid rod	from Ø 10 mm to Ø 40 mm
tubes	from Ø 10 mm to Ø 102 mm
square section	from 10×10 mm to 80×80 mm
rectangular section	from 15×10 mm to 100×80 mm
brushing – length	160–4500 mm

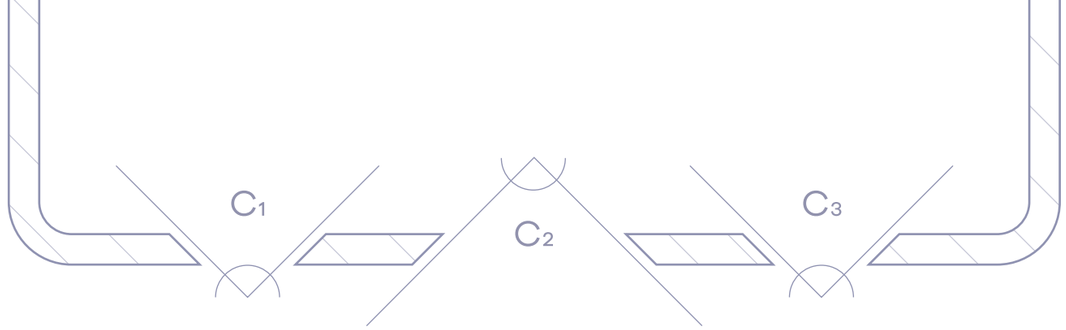
Cutting takes place with air cooling and oil mist. The cut parts are cleaned with compressed air (blown through) to prevent contamination with steel sawdust. Thick-walled materials are cooled with an emulsified liquid during cutting.

SEMI-AUTOMATIC BAND SAW BOMAR PRODUCTION 500.460 ANC 1500

Material cutting according to the dimensional specification below:

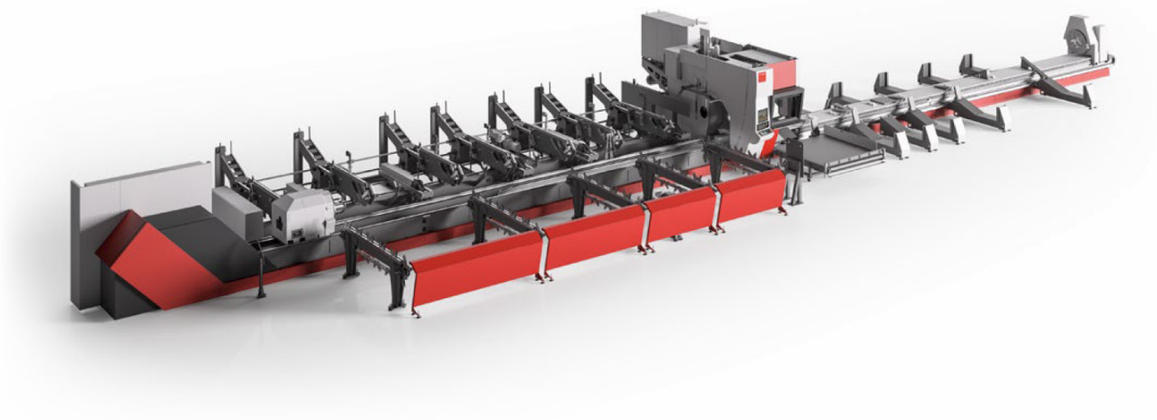
cross-section	min. dimension (mm)	max. dimension (mm)	max. weight (kg/m)
◯	20	460	1350
□	20×20	460×460	1350
▭	20×15	500×460	1350

Cut length 20–6000 mm with an accuracy of up to +/- 0.5 mm.



3D LASER CUTTING MACHINE BYSTRONIC FL300

In order to continuously improve the quality of our services, in 2019 we purchased a modern 3D laser cutting machine Bystronic FL 300. Cutting is performed using the CO_2 method and we can now offer not only perpendicular cutting of steel tubes and sections (including special), but also cutting of more complex angled cuts and production of semi-finished products for further use thanks to a 3D cutting head. All this with an accuracy of up to +/- 0.1 mm.



cross-section	min. dimension (mm)	max. dimension (mm)	max. weight (kg/m)	max. lenght (mm)
◯	20	305	60	8000
□	14×14	254×254	60	8000
▭	18×10	280×100	60	8000

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