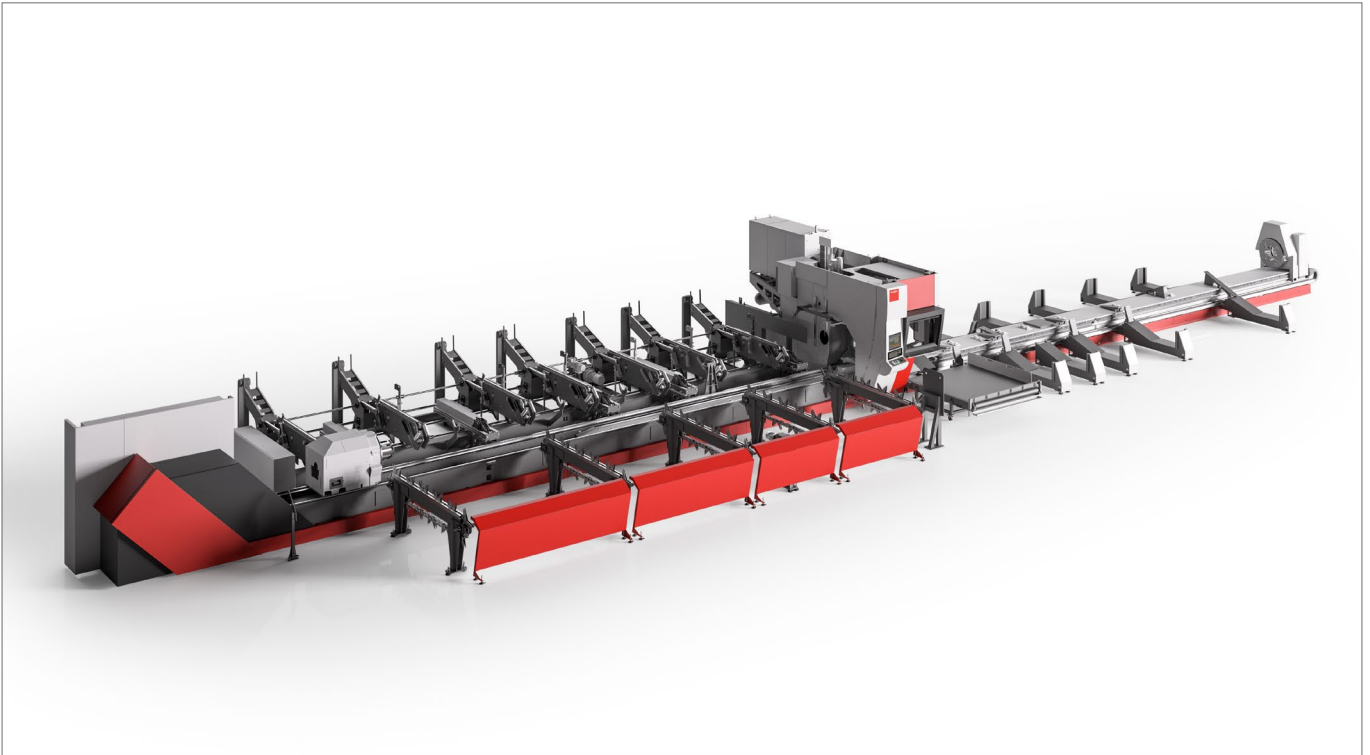


**Best choice.**  
Cutting. Bending. Automation.

**Bystronic**



[bystronic.com](http://bystronic.com)



# FL 300

**The tube laser for highest demands on productivity and flexibility**

## Customer benefits

- Outstanding cutting quality right up to high material thicknesses: The CO<sub>2</sub> laser technology achieves excellent cutting edges with minimal scoring. In addition to straight cutting edges, the 3D cutting head also enables bevel cuts of up to 45 degrees. This versatility eliminates the need for costly milling, drilling, punching, or sawing processes
- Wide spectrum of applications: Users cut steel, stainless steel and aluminum in
- diameters between 20 and 324 millimeters and workpiece lengths up to 12 meters
- Flexible loading from bundle loading or from chain loading system for open profiles. Subsequently, the precise clamping of the tubes and profiles ensures high-precision processing
- For longer workpieces, the unloading system's controllable axes
- enable any type of tube or profile to be clamped during processing



- 1 Automatic unloading system with third chuck
- 2 Automatic loading system
- 3 Cutting unit



## FL 300

Dimensions of tube and profile cross-sections	Ø 20–324 mm □ 254×254 mm
Max. tube weight	60 kg/m
Available loading lengths	6.5–8.5–12.5 m
Available unloading lengths	4–6–8.5–12.2 m
Cross-sections	○ □ ▨ ▤ ▥ ▦
No. of chucks	2–3
No. of controlled axes	29
Max. linear speed of axis X / Y / Z	130 / 60 / 60 m/min
Cutting head	3D

**Best choice.**

Cutting. Bending. Automation.

