



Technical Data



Cutting Head	Precitec Light Cutter 3D
CNC Control Unit	Beckhoff CNC (18.5" TFT-Windows 10)
Max. Tube Length	6100 mm (8100 mm Optional)
Max. Part Length	4000 mm
Min. Auto Loading Length	2000 mm (Automatic Loading)
Acceleration of Driver Chuck	7000 Deg/s ²
Speed of Driver Chuck	560 °/s
Types of Profiles	Round, Rectangular, Triangular, C, U, L, Ellipse, Obround, Custom Shapes
Min./Max. Round Diameter	Ø16 / Ø214 mm
Min./Max. Square Diameter	Min 16x16 mm / Max. 214x214 mm
Length of Last Part	60 mm
Max. Tube Weight	240kg
Min. Material Thickness	0,8 mm
Rapid Traverse	90 m / min
Vector Speed	130 m /min
Acceleration	1.0G (10m/s ²)
Absolute Positioning Accuracy	± 0.01 mm
Repeatability (X & Y Axis)	± 0.02 mm
Automatic Loading/Unloading	Optional
Feed Rate	Programmable up to 50 m/min. Actual feed rate depends on material and thickness.



* Material cutting thickness is dependent on many factors including material specifications, condition and machine parameters. All specifications are subject to change.