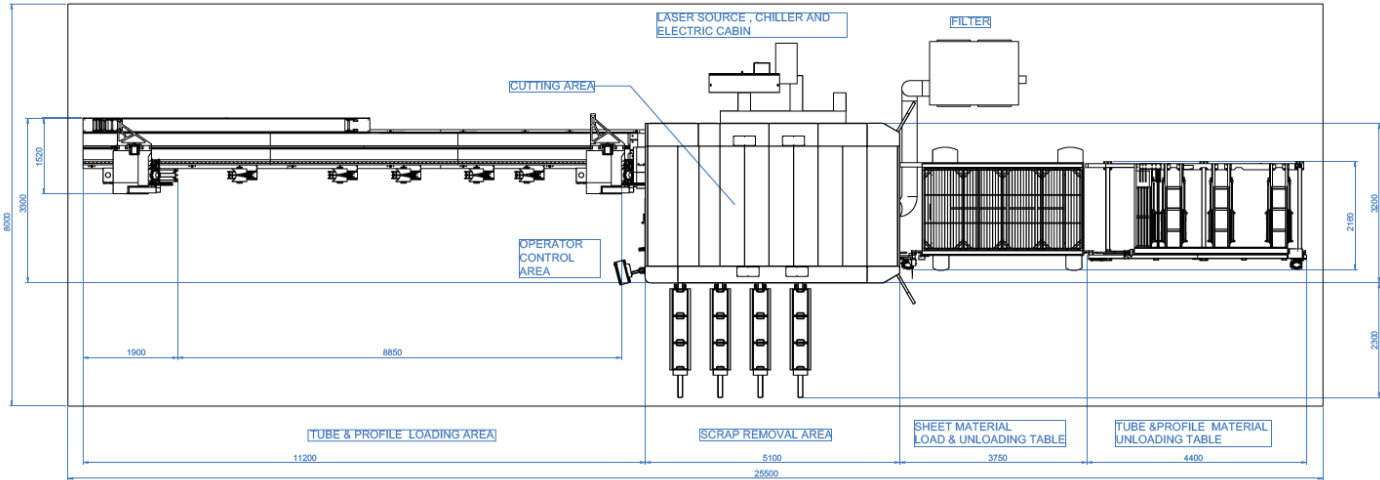


Technical Data		
Working Area	Width	1500 / 2000 mm
	Length	3000 / 4000 / 6000 mm
Laser Power		1 kW - 15 kW
Resonator		IPG - nLIGHT - Max Photonics
Cutting Head		Precitec ProCutter 2.0
For Tubes / Profiles	Max. Tube Length	6100 mm (8100 mm Optional)
	Max. Part Length	4000 mm
	Min. Auto Loading Length	2000 mm
	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	220 mm
	Max. Tube Weight	240 kg
	Min. Material Thickness	0.08 mm
CNC Control Unit		Beckhoff CNC (18.5" TFT-Windows 10)
Rapid Traverse		115 m / min.
Vector Speed		160 m / min.
Acceleration		2.2G (22 m / s ²)
Absolute Positioning Accuracy		± 0.01 mm
Repeatability (X & Y Axis)		± 0.02 mm
Programmable Feed Rate		Up to 50 m/min. Actual feed rate depends on material and thickness
Automatic Unloading		Standart
Automatic Loading		Optional



SHEET CUTTING CAPACITIES

Material	1 kW	2 kW	3 kW	4 kW	6 kW	8 kW	10 kW	12kW	15 kW
Mild Steel	12 mm	16 mm	20 mm	22 mm	25 mm	30 mm	35 mm	40 mm	50 mm
Stainless Steel	5 mm	6 mm	8 mm	12 mm	16 mm	25 mm	30 mm	35 mm	40 mm
Aluminum	3 mm	4 mm	6 mm	10 mm	12 mm	25 mm	30 mm	35 mm	40 mm
Copper	2 mm	3 mm	3 mm	6 mm	8 mm	12 mm	10 mm	15 mm	15 mm
Brass	3 mm	4 mm	4 mm	8 mm	10 mm	16 mm	16 mm	15 mm	20 mm

TUBE CUTTING CAPACITIES

Material	1 kW	2 kW	3 kW	4 kW	6 kW
Mild Steel	12 mm	16 mm	20 mm	22 mm	25 mm
Stainless Steel	1 mm	6 mm	8 mm	12 mm	16 mm
Aluminum	3 mm	4 mm	6 mm	10 mm	12 mm



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