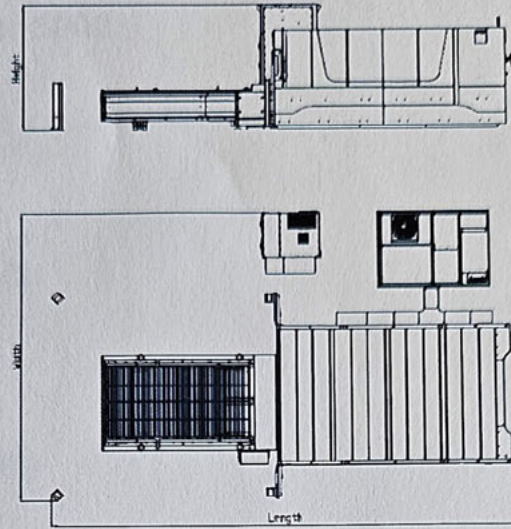


Technical data - Standard machine



Construction length, ca. [L]	10495	mm
Construction width, ca. [W]	6903	mm
Construction height, ca. [H]	2880	mm
Nominal sheet size (X)	3000	mm
Nominal sheet size (Y)	1500	mm
Cutting area (X)	3106	mm
Cutting area (Y)	1582	mm
Cutting area (Z)	100	mm
Maximum positioning speed parallel axis X/Y	100	m/min
Maximum positioning speed simultaneous	140	m/min
Repeatability (positioning spread) Ps (VDI/DGQ 3441)	± 0.05	mm
Positioning accuracy Pa (VDI/DGQ 3441)	± 0.1	mm
Edge detection accuracy	± 0.5	mm
Maximum workpiece weight	1100	kg
Machine weight (without exhaust, chiller)	11800	kg
Table changeover time	27	s
Laser source	Fiber 6000	
Power	6000	W
Range of adjustment	600-6000	W
Wavelength	Fiber	
Steel (max. cutting sheet thickness)	25	mm
Stainless steel (max. Cutting sheet thickness)	30	mm
Aluminium (max. cutting sheet thickness)	30	mm
Copper (max. Sheet thickness)	12	mm
Brass (max. Sheet thickness)	15	mm
Total electric consumption of system (with exhaust, chiller)	30	kW