

HD-FO

FIBER LASER

HD-FO Technical Data				
Cutting axes				
X Axes	3048			mm
Y Axes	1530			mm
Z Axes	125			mm
Max. Sheet Dimensions	3.048 x 1.524			mm
Max. Sheet Weight	575			kg
Dynamics				
Max. Speed X Axis	90			m/min.
Max. Speed Y Axis	90			m/min.
Max. Speed Z Axis	30			m/min.
Max. Synchronized Hz (X-Y)	127			m/min.
Max. Synchronized Acceleration	14			m/s ²
Positioning Tolerance	± 0,05			mm
Repeatability	± 0,05			mm
Control Unit				
CNC	SIEMENS SINUMERIK 840D SL			
Screen	19" Touch Screen			
Laser Cutting Head				
Type	Precitec Lightcutter / DURMA			
Focal Distance (mm)	150			
Focal Type	Auto			
Material Cutting Thickness (mm)				
Material	YLR 1000 (1kW)	YLS 2000 (2kW)	YLR 3000 (3kW)	YLS 4000 (4kW)
Mild Steel	8	12	16	20
Stainless Steel	4	6	8	10
Aluminium (AlMg3)	4	6	8	12
Copper	2	3	5	6
Brass	4	6	8	10