

HD-FO 3015 ST



TECHNICAL DATA		
Cutting Axes		
X Axis	1530	mm
Y Axis	3060	mm
Z Axis	140	mm
Max. Sheet Size	3048x1524	mm
Max. Sheet Weight for Each Table	730	kg
Dynamics		
Max. Speed X-axis	90	m/min.
Max. Speed Y-axis	90	m/min.
Max. Speed Z-axis	30	m/min.
Max. Synchronous Speed (X-Y)	127	m/min.
Max. Synchronous Acceleration	14	m/s ²
Positional Accuracy	± 0,05	mm
Repeatability	± 0,05	mm
Control Unit		
CNC	MTX consisting of Hardware XM42	
Screen	18.5" Multitouch Panel	
Laser Cutting Head		
Type	Durma Cutting Head	
Focus Length	150	
Focus	Automatic	
Filter		
Capacity	2500	m ³ /h
Power	4	kw
Chiller		
Chiller for 2 kw	Durma DC-2000	
Chiller for 3 kw	Durma DC-3000	
Chiller for 4 kw	Durma DC-4000	
Chiller for 6 kw	Durma DC-6000	

* In sheets larger than 3000x1500, cutting is done by reclining the sheet on the supports without searching for sheet.

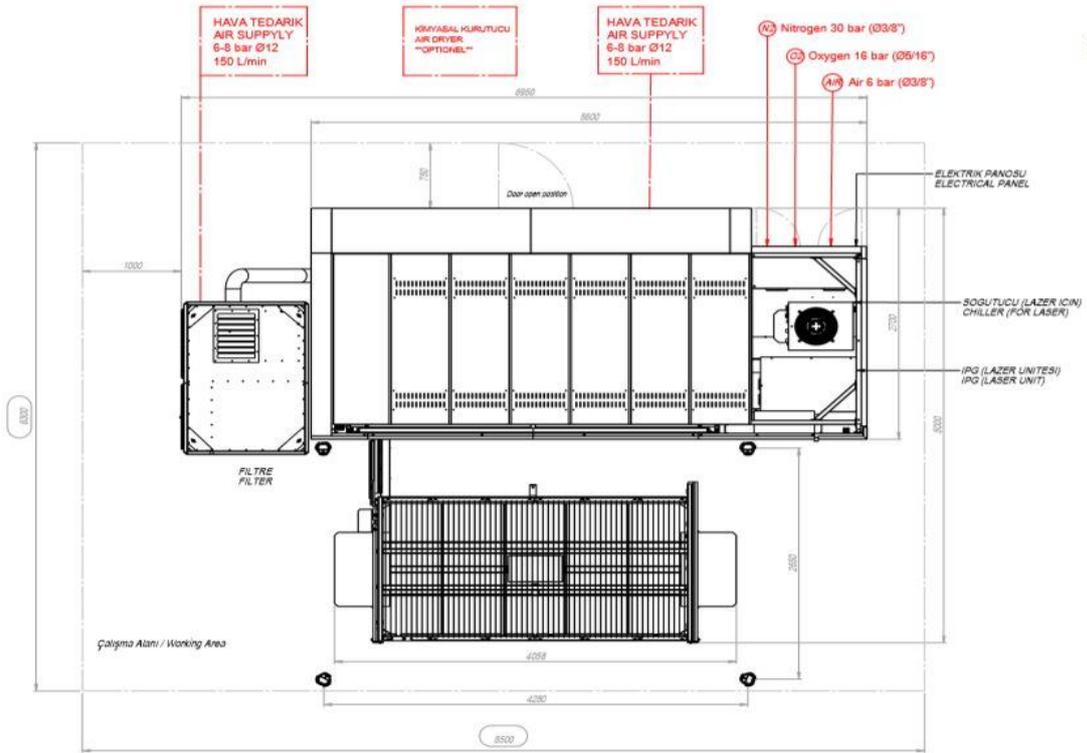
Max. Cutting Thickness depending on Laser Power*					
Material	2 kW	3 kW	4 kW	6 kW	
Mild Steel	12	16	20	25	
Stainless Steel	6	8	10	15	
Aluminum (AlMg3)	6	8	12	20	
Copper	3	5	6	10	
Brass	6	8	10	12	

* Values given are for cutting with acceptable clean cutting surface. Values inside () are possible to cut, but some dross.

AVERAGE ELECTRICAL CONSUMPTIONS		
LASER SOURCE POWER		AVERAGE CONSUMPTION (kW)
RESONATOR	2 kW	3.9
	3 kW	5.7
	4 kW	7.8
	6 kW	8.8
CHILLER 1	2 kW	4.4
	3 kW	7.8
	4 kW	7.8
FILTER		4
ELECTRICAL PANEL		8.9

TOTAL AVERAGE ELECTRICAL CONSUMPTION OF THE MACHINE (kW)		
TOTAL POWER	2 kW	21.2
	3 kW	26.4
	4 kW	28.5
	6 kW	29.5

LAYOUT AND DIMENSIONS



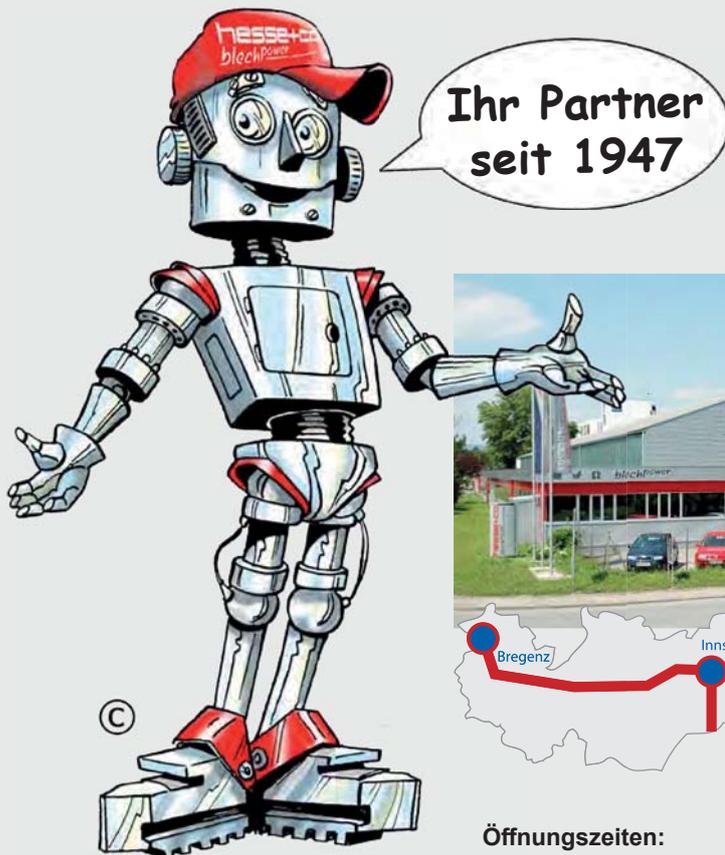
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