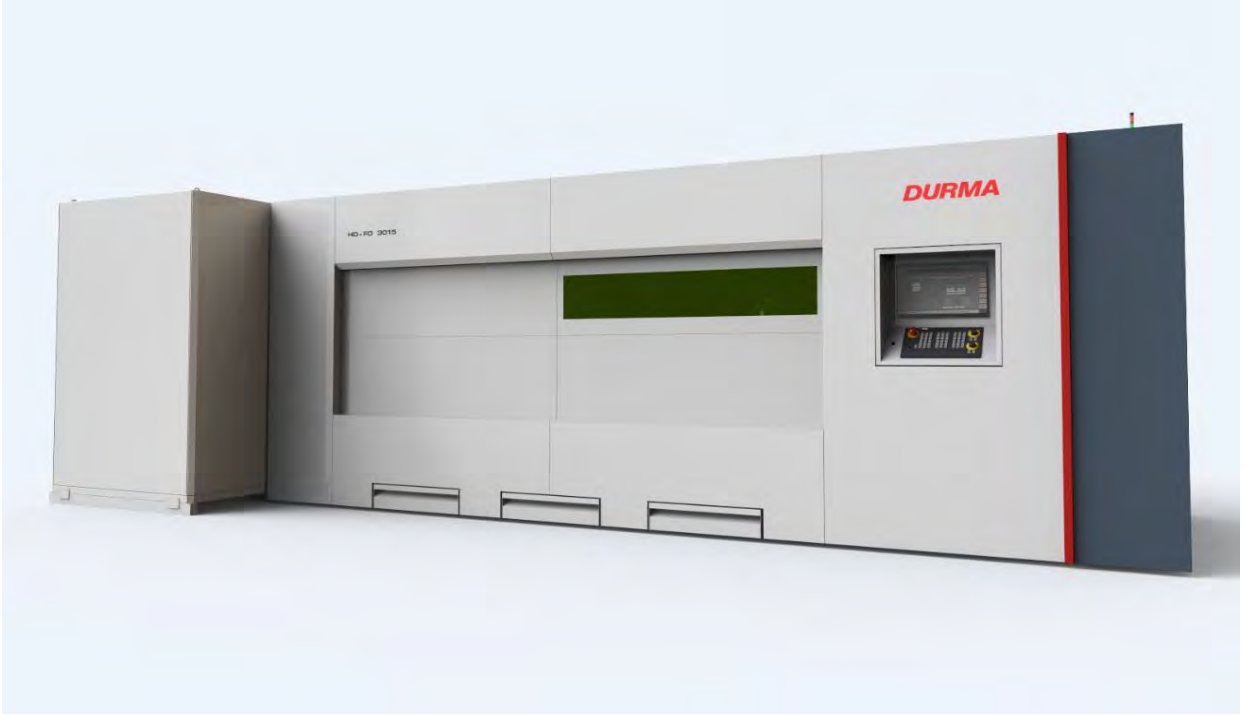


## HD-FO 3015



<b>TECHNICAL DATA</b>		
<b>Cutting Axes</b>		
X Axis	3080	mm
Y Axis	1530	mm
Z Axis	125	mm
Max. Sheet Size	3048x1524	mm
Max. Sheet Weight	575	kg
<b>Dynamics</b>		
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 <sup>2</sup>
Positional Accuracy	± 0,05	mm
Repeatability	± 0,05	mm
<b>Control Unit</b>		
CNC	SINUMERIK; 840D SL	
Screen	19" Touch Panel	
<b>Laser Cutting Head</b>		
Type	Durma Cutting Head	
Focus Length	150	
Focus	Automatic	
<b>Filter</b>		
Capacity	2500	m <sup>3</sup> /h
Power	4	kw
<b>Chiller</b>		
Chiller for 1 kw	Durma DC-1500	
Chiller for 2 kw	Durma DC-2000	

Max. Cutting Thickness depending on Laser Power*							
Material	YLR 1000 (1 kW)	YLR 2000 (2 kW)					
Mild Steel	8	10					
Stainless Steel	4	4					
Aluminum (AlMg3)	4	6					
Copper	2	3					
Brass	4	4					

AVERAGE ELECTRICAL CONSUMPTIONS				
	IPG	POWER (kW)	FUSE	CABLE
IPG	1 KW	2,9	16 A	4x2.5mm <sup>2</sup> +PE
	2 KW	3,9	16 A	4x4 mm <sup>2</sup> +PE
CHILLER 1	1 KW	2,6	16 A	4x4 mm <sup>2</sup> +PE
	2 KW	4,4	16 A	4x4 mm <sup>2</sup> +PE
FILTER		4,1	20 A	4x4 mm <sup>2</sup> +PE
ELECTRICAL PANEL		8,9	50 A	4x16mm <sup>2</sup> +PE

TOTAL AVERAGE ELECTRICAL CONSUMPTION OF THE MACHINE (kW)			
TOTAL POWER	1 KW	18,5	
	2 KW	21,3	

