

HD-FS 3015

(0,5Kw / 1Kw / 2 Kw IPG)



Durmazlar Makine San. Ve Tic. A.Ş.
OSB 75. Yıl Bulvarı Bursa/TÜRKİYE ++90 224 219 18 00
www.durmazlar.com.tr ,durma@durmazlar.com.tr

Technical Data

Cutting Axes		
X Axis	3100	mm
Y Axis	1550	mm
Z Axis	85	mm
Max. Sheet Size	3000 x1500	mm
Max. Sheet Weight	150	kg/m ²
Dynamics		
Max. speed (X-Y) Synchronous	120	m/min.
Max. acceleration X-Axis	10	m/s ²
Max. Acceleration Y-Axis	10	m/s ²
Max. acceleration Synchronous	10	m/s ²
Positional Accuracy	± 0,02	mm
Repeatability	± 0,02	mm
Control Unit		
CNC	SINUMERIK; 840D SL; NCU 720.3PN	
PC: PCU50.3	PCU 50.5-C 1.86 GHz / 1024 MB XP / SSD	
Port	2x Ethernet;4xUSB; 1x Profibus	
Expansion Slots	2xPCI ; 1xCF Card	
Screen	TP 015A , 15" Touch panel	
Filter		
	VANTERM	
Capacity	2500	m ³ /h
Power	4	kw
Chiller		
	OMI	
YLS-500	--	
YLS-1000	CHWT 56	
YLS-2000	CHWT 162 + CHA 4	

Maximum Cutting Thickness

Max. Cutting Thickness depending on Laser Power			
	YLS-500	YLS-1000	YLS-2000
Mild Steel (mm)	4	8	12
Stainless Steel (mm)	2	4	6
Aluminum (AlMg3) (mm)	2	4	6
Brass (mm)	1	2	3
Copper (mm)	1	2	3

CUTTING HEAD (PRECITEC)			
	YLS-500	YLS-1000	YLS-2000
Laser Cutting Head	MINICUTTER	MINICUTTER	LIGHTCUTTER
Focus	Manual	Manual	Manual

MACHINE POWER CONSUMPTION			
	YLS-500	YLS-1000	YLS-2000
Electrical Panel (Kw)	20	20	20
Filter (Kw)	4	4	4
Chiller (Kw)	-	7	10
Resenator (Kw)	1,9	3,5	6,7
TOTAL	25,9 Kw	34,5 Kw	40,7 Kw

Machine Dimensions

