

HF SERIES

2D Laser Cutting Machines

G4020HF



The images are for illustrative purposes

Stainless Steel



Carbon Steel



Aluminium



Stainless Steel



ZENTECH

MODEL	G3015HF	G4020HF	G6020HF	G6025HF	G8025HF
Working area	3000mm × 1500mm	4000mm × 2000mm	6000mm × 2000mm	6000mm × 2500mm	8000mm × 2500mm
X-axis	3050 mm	4030 mm	6030 mm	6030 mm	8100 mm
Y-axis	1525 mm	2020 mm	2020 mm	2520 mm	2520 mm
Z-axis	120 mm	120 mm	300 mm	300 mm	300 mm
ACCURACY					
Positioning Accuracy (X / Y)	±0.03mm/m	±0.03mm/m	±0.03mm/m	±0.03mm/m	±0.03mm/m
Repeatability (X / Y)	±0.02mm	±0.02mm	±0.02mm	±0.02mm	±0.02mm
SPEED					
Max. speed positioning (X / Y)	200m/min	200m/min	160m/min	160m/min	160m/min
Max. acceleration (X / Y)	2.8 G	2.8 G	2.5 G	2.5 G	2.5 G
WEIGHT AND SIZE					
Max. workable weight	900 kg	1600 kg	2900 kg	4800 kg	6400 kg
Machine weight (Total)	10000 kg	14000 kg	18000 kg	20000 kg	24000 kg
Dimensions (L x W x H)	9081mm x 2993mm x 2155mm	11230mm x 3470mm x 2320mm	14900mm x 3470mm x 2320mm	15700mm x 4060mm x 2400mm	19200mm x 4060mm x 2400mm
LASER POWER OPTION Energy Consumption					
6000W - 20000W					
3000W	/	/	/	/	/
4000W	/	/	/	/	/
6000W	44.4/22.2 KW/h	44.4/22.2 KW/h	46.4/23.2 KW/h	46.4/23.2 KW/h	46.4/23.2 KW/h
8000W	53.5/26.8 KW/h	53.6/26.8 KW/h	55.5/27.8 KW/h	55.5/27.8 KW/h	59.0/29.5 KW/h
12000W	68.9/34.5 KW/h	69.0/34.5 KW/h	70.9/35.5 KW/h	70.9/35.5 KW/h	74.4/37.2 KW/h
15000W	81.5/40.8 KW/h	81.6/40.8 KW/h	83.5/41.8 KW/h	83.5/41.8 KW/h	87.0/43.5 KW/h
20000W	95.5/47.8 KW/h	95.5/47.8 KW/h	97.5/48.8KW/h	97.5/48.8 KW/h	101.0/50.5 KW/h