



High-performance fiber laser cutting

P Series

Fast laser automation

- The all-around protective housing keeps operators safe from smoke, dust and radiation
- Focal position is automatically adjusted according to cutting process and sheet thickness
- Double fast exchange tables maximize efficiency
- Automatic nozzle changing within 35s
- Automatic lens cleaning
- High-speed oxygen cutting
- Integral pressure cast aluminum crossbeam is light and rigid



Standard configuration

- Fully enclosed cutting envelope
- Autofocus laser head
- Automatic nozzle changer
- Active anti-collision 360 radar
- Wireless hand-held remote
- 21.5" Touchscreen control
- Hydraulic exchange platform
- Water Chiller
- Cast aluminum crossbeam
- Auxiliary gas low pressure alarm



Specifications		P				
		P3015 5x10'	P4020 6x12'	P6020 6x20'	P8025 8x26'	
Sheet cutting size	mm	1500x3000 (5'x10')	2000x4000 (6'x12')	2000x6100 (6'x20')	2500x8100 (8'x26')	
Laser power	kW	1 ~ 40				
Machine bed		Steel				
Positioning accuracy	mm	0.03 (0.001")		0.05 (0.002")		
Repeatability	mm	0.02 (0.0008")		0.03 (0.001")		
Indexing speed	m/min	200 (656'/min)				
Max acceleration	G	4		2.8		
Z-Axis travel	mm	315 (12.4")				
Table load capacity	1-4kW	kg	1050 (2310 lbs)	1800 (3960 lbs)	2800 (6160 lbs)	4750 (10,450 lbs)
	≥6kW	kg	1400 (3080 lbs)	2500 (5500 lbs)	3800 (8360 lbs)	6300 (13,860 lbs)
Shuttle table exchange	s	10	16	30	60	
Auto Nozzle Changer		8				
Laser head		KAAST Laser Head				
Control System		PC				
Servo Drive		Yaskawa				
Dimensions (L/W/H)	mm	9950x3050x2300 (392x120x91")	12000x3700x2300 (472x146x91")	15000x4000x2300 (591x157x91")	19700x4200x2400 (776x165x94")	
Weight	kg	8300 (18,260 lbs)	11000 (24,200 lbs)	17500 (38,500 lbs)	22500 (49,500 lbs)	
Item No.		2002014	2002015	2002016	2002017	

*The above specifications are subject to change without prior notice. No liability for printing mistakes. Machine may be shown with optional equipment.