



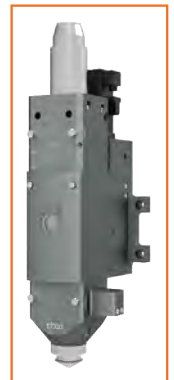
# Maximum performance fiber laser sheet cutting

## Dream Series

Max acceleration up to 4G combined with up to 40kW of laser power!



- Cutting of various metallic materials such as steel alloys, carbon steels, titanium, and bronze
- Cut up to 2" thick mild steel
- Automatic nozzle changing within 35s
- Automatic lens cleaning and focusing
- High-speed oxygen cutting
- Nitrogen pressure is reduced 70% while cutting efficiency is improved
- Maglev linear motion technology eliminates mechanical friction and provides faster response, shorter processing, and higher efficiency
- Carbon fiber crossbeam has two-thirds density of aluminum alloy but the tensile strength is more than 21 times stronger
- Marble machine bed absorbs heat and vibration



Specifications		Dream		
		S4020 6x12'	S6020 6x20'	S8025 8x26'
Working Area	mm	2040x4070 (6'x12')	2000x6100 (6'x20')	2500x8100 (8'x26')
Laser power	kW	1 ~ 40		
Machine bed		Marble		
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		
Z-Axis travel	mm	315 (12.4")		
Table load capacity	kg	1500 (3300 lbs)	2590 (5700 lbs)	6420 (14,100 lbs)
Shuttle table exchange		Maglev Linear Motor		
Auto Nozzle Changer		8		
Laser head		Precitec Auto Focus Laser Head		
Control System		Beckhoff		
Servo Drive		Beckhoff		
Dimensions (L/W/H)	mm	9500x3200x2400 (374x98x94")	10500x3700x2300 (413x146x91")	19700x4200x2400 (776x165x94")
Weight	kg	11000 (24,200 lbs)	12500 (27,500 lbs)	23500 (51,700 lbs)
Item No.		2002011	2002012	2002013

### Standard configuration

- Fully enclosed cutting envelope
- High-speed cutting expert database
- Automatic edge-finding
- Automatic nozzle changer
- Automatic nozzle cleaning
- Intelligent remnant sheet management
- 21.5" Touchscreen display
- Automatic adjustment of cutting gas
- Auto-focus laser head
- Wireless hand-held remote
- Active anti-collision function
- Real-time monitoring of laser head temperature
- Nozzle cooling
- Constant cutting gas pressure
- Gas-saving steady flow nozzle
- Intelligent maintenance reminder
- Intelligent alarm
- Water chiller
- Exchange tables
- Enhanced dust removal

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