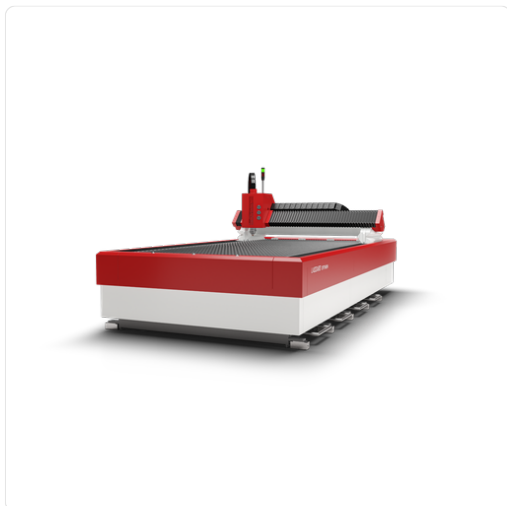


# PTIMUM F

Laser complex for high-speed cutting of sheet materials



## Specifications

Minimum cutting width, $\mu\text{m}$	100
Positioning accuracy, mm	$\pm 0.05$
Minimum cutting thickness, mm	0.03
Travel along X, Y axes	Helical rack-and-pinion / Linear motors
Travel along Z axis	Ball screw
Maximum cutting speed, m/min	up to 100
Maximum cutting speed, m/min	up to 120
Acceleration along the XYZ axes	до 1.5
Weight, kg	3000
Processed sheet materials	Brass, stainless steel, black steel, copper, aluminum alloys, gold, titanium, diamond-coated materials, ceramics, paronite, stone
Radiation source	Fiber laser (IPG Photonics)
Source power	500; 4000; 3000; 2000; 1000; 150/1500; 300/3000
Optical head	Raytools
Processing field, mm	1500x3000; 2000x6000