# PREMIUM 5D

Five-axis 3D laser processing machine

## cifications

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|---|---|
| Radiation source | Fiber laser (IPG Photonics) |
| cessing field, mm | 1500x1500 |
| Minimum cutting width, μm | 100 |
| sitioning accuracy, mm | ±0.05 |
| ling type, mm | 0.02 |
| otation range for positioning items along “A” axis, ° | 360 |
| otation range for positioning items along “C” axis, ° | ±135° |
| Travel along X, Y axes | ack-and-pinion / Ball screw |
| Travel along Z axis | all screw, up to 700 mm |
| ynchronous speed of idle movemen ts along the XYZ axes, m/min | p to 20 |
| cessed sheet materials | etally_i_splavy, stainless steel, heat- esistant steel, high-hardness steel, black steel, copper, aluminum alloys, gold, titanium, diamond-coated materials, ceramics, paronite, poly or (alumina ceramic), glass-ceram ic (sitall) |
| ource power | 150/1500; 300/3000 |