

# BRLaser



Powerful fiber laser cutting machine(without enclosure), used for sheet metal cutting, fabrication, and materials processing.

Casted Gantry Lathe, extremely reliable and durable.

Large surface table, 3000×1500mm, 4000×1500mm, 5000×1500mm, 2000×4000mm, 4000×2000mm, 6000×2000mm, 2000×6000mm.

X & Y Axis horizontal cut feeding, Z Axis vertical floating tracking on the work piece.

High power, continuous fiber laser, quality fiber beam delivery, available options from nLight, IPG, & Raycus, 500W, 700W, & 1,000W.

High-speed cutting, high-speed cutting heads from Lasermech, Precitec, & Cyplite, high-precision metal cutting for metal materials.

Optional switch table for auto materials-feeding, improve the efficiency increasingly.

Beckhoff, PA8000, Fanuc control system for high-speed, high-precision controlling.

FastCAM or Lantech nesting program.

Capacitive height sensing control,  $\pm 0.008\text{mm}$  Z positioning precision, 120mm Z travel distance.

Water Cooling.

50m/min max speed.

1G acceleration

$\pm 0.02\text{mm}$  X/Y positioning precision,  $\pm 0.015\text{mm}$  X/Y repetitive repositioning precision

1t max.

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