



# Laser Pipe Cutting Machine BV Series



- Side-mounted structure features overcut capability.
- Wide compatibility for square, oval, and other pipe profiles.
- Optimized for thin pipes with a significantly improved cutting speed.
- Semi-automatic loading table equipped with servo follow-up and pneumatic support.
- BV Series exclusive chucks include rear chuck position detection to prevent empty clamping during automatic loading/unloading (optional).

Model Number	JTBV060212	JTBV060224	JTBV060236
Tube processing diameter	Round tube: $\Phi$ 10- $\Phi$ 120 mm Max. rectangular tube: 50 * 100mm Square tube: $\square$ 10- $\square$ 80mm	Round tube: $\Phi$ 10- $\Phi$ 230mm Maximum square tube: 230 * 230mm The outer circle is less than: $\Phi$ 230mm I-shaped steel / channel steel: #20 maximum	Round tube: $\Phi$ 20- $\Phi$ 360mm Maximum square tube: 360 * 360mm The outer circle is less than: $\Phi$ 360mm I-steel / channel steel: #32 maximum
Laser power	3KW、6KW	3KW、6KW	3KW
X-axis maximum positioning speed	132m/min	110m/min	70m/min
Maximum Y-axis positioning speed	132m/min	132m/min	90m/min
X / Y axis maximum acceleration	1.5G	1.0G	1.0G
W-axis maximum rotation speed	100rpm	100rpm	60rpm
Single maximum weight	120kg	260kg	800kg

Machines customization may cause parameters different from above.