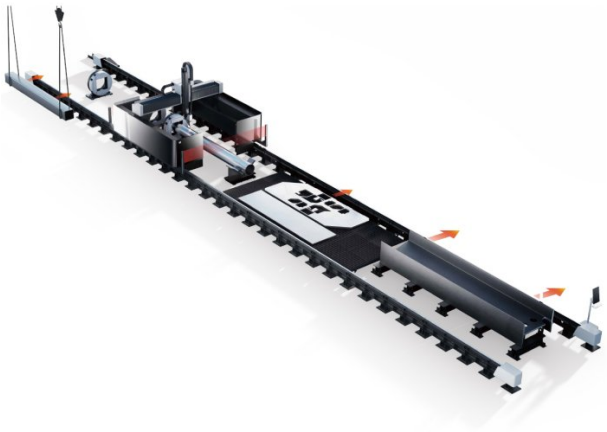
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Product Brochure For I8134

Multi-tasking Fiber Laser Cutting Machine - BODOR U10

Master all types
of steel
processing



Please Call

MODEL:	U10
ORDER CODE (Type):	I8133
Cutting Length Capacity (mm):	Structural steel: 100mm×100mm-1500mm×600mm Sheet
X Axis Max acceleration (G):	0.5
X/Y Axis Positioning accuracy (mm):	~
X/Y Axis Repeatability (mm):	~
Y Axis Maximum Speed (m/nim):	50m/min
X Axis Maximum Speed (m/nim):	50m/min
Z axis maximum speed (m/nim):	~
Max Chuck Rotating Speed (r/min):	~
Max Load Capacity (kg):	~
Standard Tube Support Holder:	~
Laser Type:	Fiber Laser 12kW / 20kW
Laser Source:	BodorPower
Laser Head:	BodorGenuis
Control System:	BodorThinker
Round Tube (mm):	~
Square Tube (mm):	~
Z-axis Active Obstacle Avoidance:	Yes
Auto Focus Laser Head:	Yes
Lightning Piercing:	Yes
Automatic tube inspection:	~
Over edge protection:	~
Drawing File (type):	G Code, DXF, DWG
Chuck Drive Type:	~
Waste Trolley:	
Centrifugal fan:	~
Bevel Tube Cutting (optional):	Yes
Slag cleaning module:	~
Machine Size (mm):	~
Nett Weight (kg):	~
Number of chucks:	~
Y Axis Max acceleration:	~

Description

Contact us to discuss your specific requirements and explore the best solution to suit your needs. Multiple format sizes are available.

COVERING ALL CUTTING NEEDS
The Bodor U10 offers unmatched versatility by combining sheets, tubes, and profiles processing in a single machine. This all-in-one solution reduces the need for machines, significantly lowering your equipment costs.

With its loading multiple materials capabilities and cyclic processing, the U10 is designed to keep your operation running continuously. This means less downtime during cutting, loading, and unloading, ensuring maximum efficiency for your business.

Advanced functions such as notch cutting, beveling, automatic path adjustment of the laser head, and hands-free drawing splitting can save multiple processing steps, simplify production, and reduce cutting and labor costs.

Features

- Master all types of steel processing -Handles the cutting of plates, tubes, and profiles within one machine (Cutting table is optional).
- Intelligent deviation correction and positioning -Intelligent cutting route adjustment avoids cutting misalignment and reduces laser head collisions, ensuring worry-free profile processing.
- Locking notch in one operation -By executing lock seam/notch cutting in one pass, the equipment eliminates the need for manual polishing.
- Bevel Cutting -Tubes and plates can be processed with bevels. Its good bevel cutting surface greatly improves the subsequent welding efficiency.
- flexible loading for continuous processing -For sheets, tubes, and profiles, the zoning of different materials allows continuous cutting, with

one area carrying out cutting while others are being loaded and unloaded.
- Compatible drawings with Tekla-By executing lock seam/notch cutting in one pass, the equipment eliminates the need for manual polishing.
- Flexible Configuration - Modular worktable, waste trolley, and the dedusting system deliver various configurations, you can freely combine components to suit your needs.
- BodorThinker - BodorThinker is a high-end intelligent control system for a CNC laser cutter, featuring reliable stability, convenient installation and adjustment, safe production, multiple functionality, and robust performance. With BodorThinker, your laser cutting solutions can be modular, customized, automated and information-based.

Includes

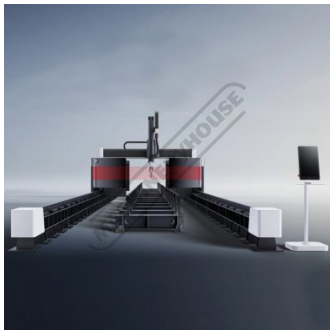
- BodorGenius : Cutting head with programmable motorised lens and Collision Protection
- Bodor Power: The backbone of any laser cutting system, and BodorPower takes it to the next level. This original laser source is the key to Bodor's high power processing (up to 60kW). It ensures longer lifespans, safer operations, and superior cutting results of every Bodor cutting machine.
- BodorThinker: Serves as the intelligent core of Bodor's laser cutting solutions. This control system integrates seamlessly with MES and ERP systems, facilitating automated production process management and information exchange through standardised communication protocols.
- 21.5 Inch Display'
- Local Service and Support
- Oxygen & Nitrogen Regulators with hoses
- *12 month warranty on machine parts & labor
- Commissioning & Testing Included (Metro Areas)
- Comprehensive Operator Training Included (Metro Areas)
- *Five year factory warranty on - Bodor Thinker Control System, Bodor Power Laser Source, Bodor Genius Laser Head.

Optional Accessories

- 12kW / 20kW power source

Specific Features


Mulit Material


Front View


Intergrated Technology


Bevel Cutting

Recommended Accessories

C5051
Pilot Air Compressor

