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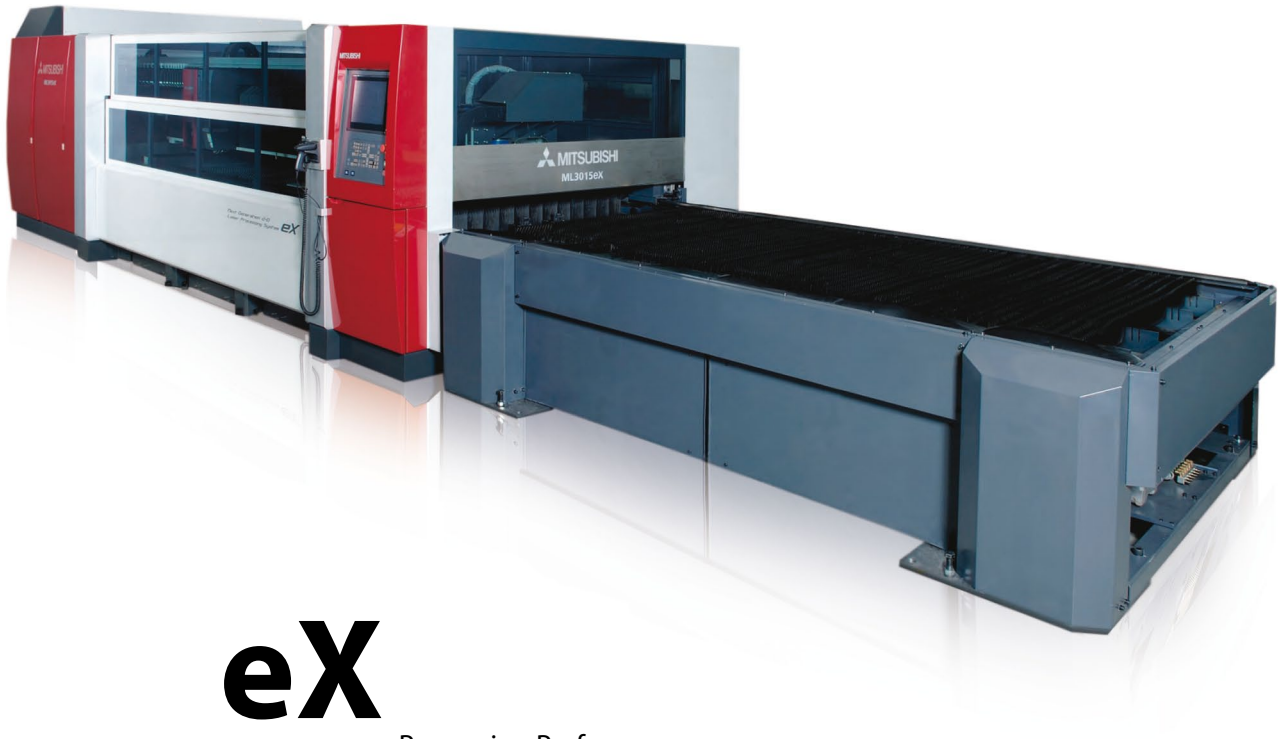
Trust the Japanese technology

Mitsubishi Electric 2D Cross-Flow Laser Processing Machines



eX

Processing Performance

The eX Mitsubishi laser processing machines are among the most advanced laser cutters in the world. Based on 5th generation three-axial Cross-Flow resonators, they ensure maximum output when working with materials whose dimensions are equal to 1,565 x 3,100 mm and thickness is equal to 0.5 to 28 mm.

The Mitsubishi technology provides new possibilities in laser processing at lower operational costs.

Mitsubishi designs and makes by itself all the key components of the laser system, to include the resonator, the cutting system, and the control system. The manufacturing and the final assembly take place in Japan.

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Mitsubishi eX laser processing machines stand for:

- high efficiency
- excellent cut quality
- reliability
- low operating costs
- simple operation

Technical specification

Design of the machine	Mobile optical system, two exchangeable tables
Resonator type	Cross-Flow Mitsubishi
Available resonator power	**4,500 W, 6,000 W**
Control	M700 Mitsubishi, a 15" touch screen
Maximum working area	1,565 x 3,100 mm
Maximum sheet weight	930 kg
Outside dimensions	10,180 x 3,130 x 2,260 mm
Weight of the machine	10,000 kg
Range of operation in the X/Y/Z axes	3,100/1,565/150 mm
Startup time	3 min
Simultaneous speed X axis, Y axis	140m/min
Positioning accuracy	0.05/500 mm (X axis, Y axis)
Positioning repeatability	0.01 mm (X axis, Y axis)
Head	PH-XS Mitsubishi, Auto Focus, 5", 7.5", and 10" lenses

Cutting range

4,500 W		**6,000 W**	
black steel	0,5 - 28 mm	**black steel**	0,5 - 28 mm (32 mm)
stainless steel	0,5 - 25 mm	**stainless steel**	0,5 - 28 mm (50 mm)
aluminum	0,5 - 18 mm	**aluminum**	0,5 - 20 mm (25 mm)
brass, copper	0,5 - 6 mm	**brass, copper**	0,5 - 6 mm

Caution!

The thickness range and the quality of the cut depend on the quality of the input material and the shape of the element being cut. The optional 5" lens is required for cutting reflective materials, such as brass and copper.