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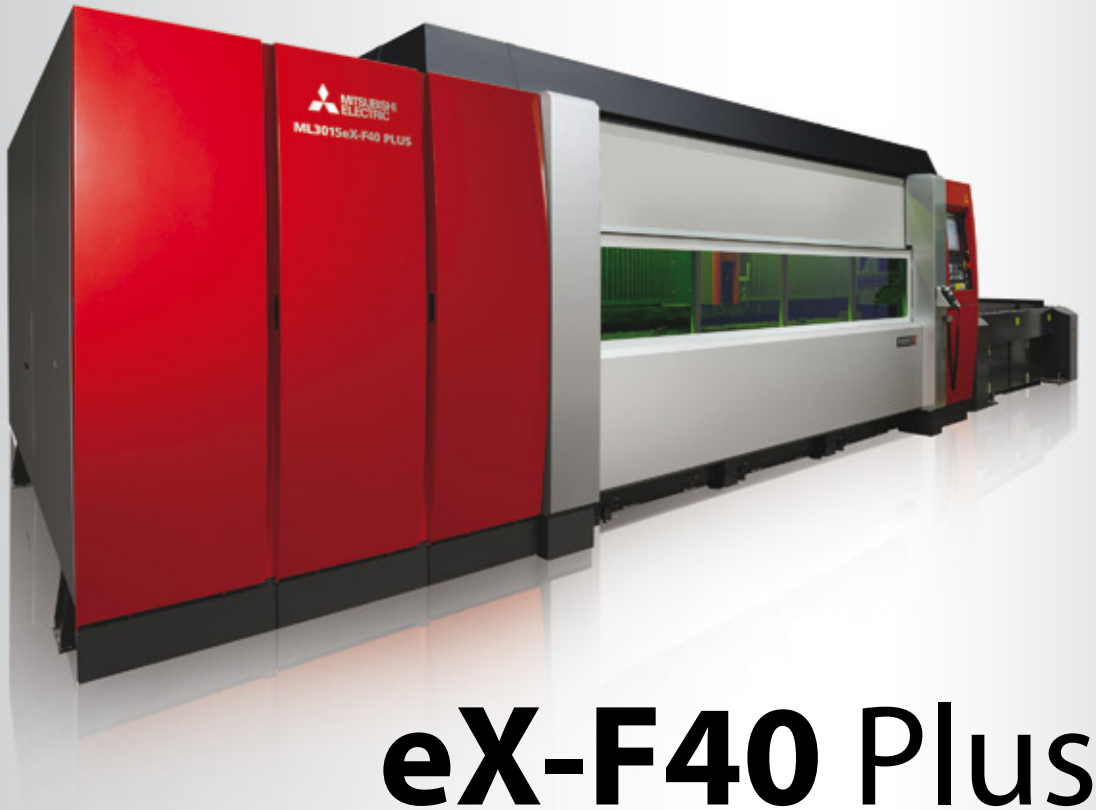
Trust the Japanese technology

Mitsubishi Electric 2D Laser Processing Machines



eX-F40 Plus

Processing Performance

Laser cutting **Mitsubishi eX-F40 Plus** based on fiber optic technology are ideal for fast and precise machining of thin carbon steel, stainless steel and aluminum. With recent developments they can be successfully used also for cutting mild steel of medium thickness.

Mitsubishi fiber optic technology is the maximum performance whilst retaining low operating costs. The machines provide the maximum comfort and safety for the operator, are made from the highest quality materials. Production and final assembly take place in Japan.

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Laser cutting Mitsubishi eX-F40 Plus:

- high efficiency
- reliability
- safety
- low operating costs
- comfort of work
- simple operation

Technical specification

Design of the machine	Fiber resonator, two exchangeable tables
Available resonator power	**4000W**
Control	M700 Mitsubishi, a 15" touch screen, 20 Gb HDD
Maximum working area	3050 x 1525 mm
Maximum sheet weight	930 kg
Outside dimensions	10340 x 3130 x 2250 mm
Weight of the machine	11 000 kg
Range of operation in the X/Y/Z axes	3100/1565/150 mm
Startup time	3 min
Simultaneous speed X axis, Y axis	140m/min
Maximum work speed	50m/min
Positioning accuracy	0,05/500mm (X axis, Y axis)
Positioning repeatability	0,01mm (X axis, Y axis)
Head	PH-F2 Mitsubishi, Auto Focus, 5" and 8" lenses

Cutting range

4000 W	
black steel	0,5 - 19 mm / 25 mm *
stainless steel	0,5 - 20 mm
aluminum	0,5 - 15 mm
brass	0,5 - 12 mm
copper	0,5 - 6 mm

*) obtainable by using an optional feature - set for cutting steel thick (TMSCEF)

Caution!

The range of thickness and quality of the cut depends on the quality of the input material and the specifics of the shape of the cut pieces. The largest the efficiency of lasers based on the technology of „fiber" is obtained by cutting the sheet materials in the range of 0.5 - 5 mm.