

Multi-Wire Saws

MWX Series:

Engineered for production environments requiring tight tolerances, high throughput, and superior surface quality.

► Benefits & Features

- Ideal for slicing SiC, Sapphire, neodymium, simco (selenium cobalt), and similar materials
- High wire speeds up to 25 m/s boost cutting efficiency
- PLC-controlled tension with load-cell feedback ensures consistency across multiple wires
- Touchscreen HMI with 30 recipe capacity
- Multi-wire capability enables multiple slices per pass for exceptional throughput
- Supports wire pitch from 2–5 mm with up to 50 wraps
- Minimal kerf loss for improved surface finish and reduced material waste
- Standard indexing table for accurate, repeatable positioning
- *Note: Typical cutting speed: ~1 mm/min, depending on material and process parameters*



MWX Series:

Technical Specifications

SPECIFICATION	MWX 250
Cut Envelope	Circular Boules Diameter: 250mm Depth: 100mm Square Materials Width: 200mm Height: 200mm Depth: 100mm
Saw Dimensions	Width: 1075mm Height: 2040mm Depth: 930mm
Saw Weight	1,400 lbs
Power Requirements	AC Voltage: 480 Volts Frequency: 50/60Hz Current: 20 Amps Phase: 3-Phase
Wire Speed (m/s)	Max 25 m/sec
Tension	Max 45N
Cutting Fluid Tank Capacity	Max 17 gallons
Indexing Table Accuracy (mm)	±0.050