

MSX250 A-Series

Sectioning Machine

These versatile sectioning machines offer both linear and radial feed configurations in efficient benchtop models.

■ LED work light

■ Supports up to 12 in (300 mm) blade @ 5.4 hp (4 kW) with integrated electronic braking system

■ Sealed spindle design for optimal speed, precise sections, and trouble-free operation

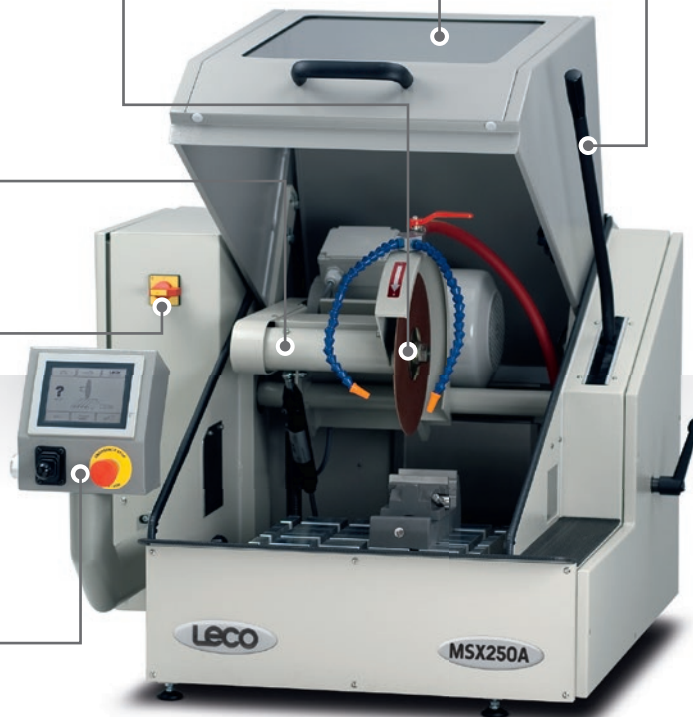
■ Easily accessible sealed electronic enclosure



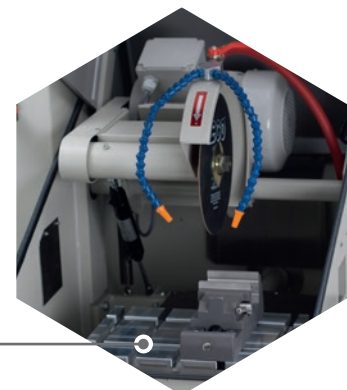
■ Radial arm with manual locking feature for table sectioning



■ Channeled coolant return for high flow rates and minimal debris build-up



MSX250A1



■ 13.8 in (350 mm) × 9.8 in (250 mm) T-slotted table for flexible sample fixturing; table vise included

- Convenient easy-to-operate control panel
- Capable of storing up to 10 applications
- Automatic pulse feed rate with load control maximizes sectioning efficiency without overheating samples

Specifications

Cutting Wheel Motor w/Brake	5.4 hp (4kW), 230/380/460V, 50/60Hz, 3 Phase
Cutting Wheel Dimensions	
Minimum	10 × 1.25 in (250 × 32 mm)
Maximum	12 × 1.25 in (300 × 32 mm)
Cutting Wheel Speed	
Fixed	2865 rpm
Optional Variable Speed	100 to 3200 rpm
Sample Feeding Speed	
Minimum Speed	0.02 mm/sec
Maximum Speed, Rapid Traverse	50.0 mm/sec
T-Slot Table Dimensions	
Width	13.8 in (350 mm)
Depth	9.8 in (250 mm)
T-slots	7–0.55 in (14 mm) DIN 650
Cutting Wheel Clearance Above Table	5.9 in (150 mm)
Table Travel (X-Axis)	11.2 in (285 mm)
Y-Table Travel (Y-Axis)	1.97 in (50 mm)
Max. Cutting Area of Sample	
Round	3.0 in (76 mm)
Rectangular	3.0 in × 3.0 in (76 mm × 76 mm)
Longitudinal Cut	3.0 in × 7.5 in (76 mm × 190 mm)
Coolant Reservoir Capacity	18 gal (68 L)
Interior Lamp	8 w/24 VDC/LED
Machine Dimensions	
Height, Hood Closed	32 in (810 mm)
Height, Hood Open	38.25 in (970 mm)
Width	32.75 in (830 mm)
Depth	37 in (940 mm)
Recirculating Tank Dimensions	22 in H × 13.5 in W × 28 in D (560 mm × 340 mm × 710 mm)
Weight	516 lb (234 kg) Shipping Weight: 759 lb (344 kg)
Operating Temperature	59°F to 104°F (15°C to 40°C)
Electrical Requirements	5.65 hp; 16 A

All measurements are approximate.

Right cam-lock vise is included with the MSX250 A-Series.

Part Numbers

826-100-270	MSX250A1 Automatic Pulse Servo Control, with X- and Manual Y-Table, 230 V, 60 Hz, 3 phase
826-100-340	MSX250A1 Automatic Pulse Servo Control, with X- and Manual Y-Table, 380 V, 50 Hz, 3 phase
826-100-280	MSX250A1 Automatic Pulse Servo Control, with X- and Manual Y-Table, 460 V, 60 Hz, 3 phase

A consumable pack is included with each sectioning machine. It consists of an assortment of abrasive blades, rust inhibitor, and accessories for set-up of the instrument.

Specifications and part numbers may change. Consult LECO for latest information.

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