

# MSX255 M-Series

## Sectioning Machine

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

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

■ Safety shut-off switch terminates operation when hood is opened during use

■ Easily accessible sealed electronic enclosure

■ Convenient easy-to-operate control panel

■ Y-axis T-slotted table

■ Manual X-axis control (M2 model only)

■ LED work light

■ Manual Z-axis lever

■ Supports up to 12 in (300 mm) blade @ 5.4 hp (4.0 kW) with integrated electronic braking system

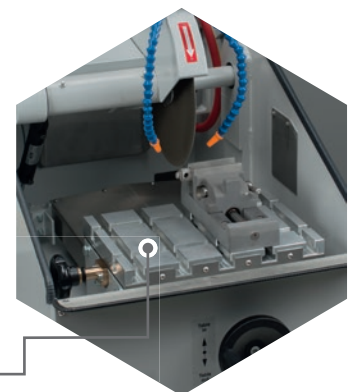
■ Recirculating system included

MSX255M2

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



MSX255M1



# Specifications

## MSX255M

## MSX255M2

<b>Cutting Wheel Motor w/Brake</b>	5.4hp (4.0kW), 230/380/460V, 50/60Hz, 3 Phase	5.4hp (4.0kW), 230/380/460V, 50/60Hz, 3 Phase
<b>Cutting Wheel Dimensions</b>		
Minumum	10 x 1.25 in (250 x 32 mm)	10 x 1.25 in (250 x 32 mm)
Maximum	12 x 1.25 in (300 x 32 mm)	12 x 1.25 in (300 x 32 mm)
<b>Cutting Wheel Speed</b>		
Constant	2865 rpm	2865 rpm
Variable	N/A	N/A
<b>T-Slot Table Dimensions</b>		
Width	13.8 in (350 mm)	13.8 in (350 mm)
Depth	9.8 in (250 mm)	9.8 in (250 mm)
T-slots	7–0.55 in (14 mm) DIN 650	7–0.55 in (14 mm) DIN 650
<b>Cutting Wheel Clearance Above Table</b>	5.9 in (150 mm)	5.9 in (150 mm)
<b>Hand Lever (Z-Axis)</b>	7.87 in (200 mm)	7.87 in (200 mm)
<b>Table Travel (X-Axis)</b>	N/A	10.6 in (270 mm)
<b>Y-Table Travel (Y-Axis)</b>	N/A	1.97 in (50 mm)
<b>Maximum Cutting Area of Sample</b>		
Round	3 in (76 mm)	3 in (76 mm)
Rectangular	3 in x 3 in (76 x 76 mm)	3 in x 3 in (76 x 76 mm)
Longitudinal Cut	N/A	3 x 7.5 in (76 x 190 mm)
<b>Coolant Reservoir Capacity</b>	18 gal (68 L)	18 gal (68 L)
<b>Interior Lamp LED</b>	11 W	11 W
<b>Machine Dimensions</b>		
Height, Hood Closed	32 in (813 mm)	32 in (813 mm)
Height, Hood Opened	38.25 in (972 mm)	38.25 in (972 mm)
Width	32.75 in (832 mm)	32.75 in (832 mm)
Depth	37 in (940 mm)	37 in (940 mm)
<b>Recirculating Tank Dimensions</b>	22 in H x 13.5 in W x 28 in D (559 mm x 343 mm x 711 mm)	22 in H x 13.5 in W x 28 in D (559 mm x 343 mm x 711 mm)
<b>Weight</b>		
Shipping Weight	452 lb (205 kg)	485 lb (220 kg)
<b>Operating Temperature</b>	59°F to 104°F (15°C to 40°C)	59°F to 104°F (15°C to 40°C)
<b>Electrical Requirements</b>	5.4hp, 4.0kW; 16 A	5.4hp, 4.0kW; 16 A

All measurements are approximate.

One cam-lock vise is included with the MSX255M-Series.

## Part Numbers

<b>826-400-300</b>	MSX255M, 230V, 60Hz, 3 phase	<b>826-400-330</b>	MSX255M2, 230V, 60Hz, 3 phase
<b>826-400-310</b>	MSX255M, 380-400V, 50Hz, 3 phase	<b>826-400-340</b>	MSX255M2, 380-400V, 50Hz, 3 phase
<b>826-400-320</b>	MSX255M, 460V, 60Hz, 3 phase	<b>826-400-350</b>	MSX255M2, 460V, 60Hz, 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.

**LECO Corporation**  
3000 Lakeview Avenue | St. Joseph, MI 49085  
Phone: 269-985-5496  
info@leco.com | www.leco.com

**LECO Europe**  
eu.leco.com

**LECO**  
EMPOWERING RESULTS