

# MSX205 M-Series

## Sectioning Machine

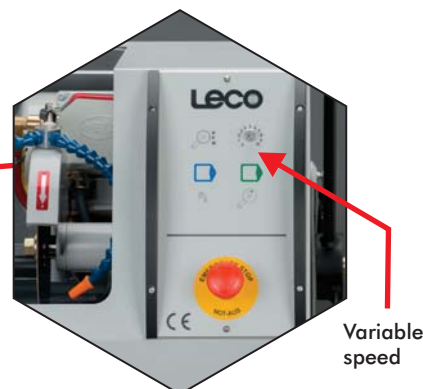
## Instrument Profile

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

2.04 hp (1.5 kW)  
AC motor with  
electronic brake

Manually adjustable  
Y-table for sample  
position and parallel  
sections; (M2 model only)

Manual  
X-axis control  
(M2 model only)



Variable  
speed

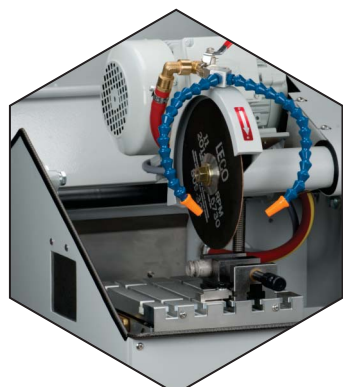
Convenient easy-to-operate  
control panel

Spindle design supports up  
to 8 in (200 mm) blade  
with 1 in (25.4 mm) arbor



**MSX205M2**

Integrated 4.2 gal (16 L)  
recirculating system



8.26 in (210 mm) x  
8.26 in (210 mm)  
T-slotted table for flexible  
sample fixturing; table vise  
included

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Specifications	MSX205M	MSX205M2
Cutting Wheel Motor w/Brake	2.04 hp (1.5 kW), 230V, 50/60 Hz, 1 Phase	2.04 hp (1.5 kW), 230V, 50/60 Hz, 1 Phase
Cutting Wheel Dimensions		
Minimum	4.0 x 1.0 in (100 x 25 mm)	4.0 x 1.0 in (100 x 25 mm)
Maximum	8.0 x 1.0 in (200 x 25 mm)	8.0 x 1.0 in (200 x 25 mm)
Cutting Wheel Speed		
Variable	500 to 4800 rpm	500 to 4800 rpm
T-Slot Table Dimensions		
Width	8.26 in (210 mm)	8.26 in (210 mm)
Depth	8.26 in (210 mm)	8.26 in (210 mm)
T-slots	5—0.315 in (8 mm) DIN 650	5—0.315 in (8 mm) DIN 650
Cutting Wheel Clearance Above Table	3.9 in (100 mm) <i>with 200 mm blade</i>	3.9 in (100 mm) <i>with 200 mm blade</i>
Hand Lever (Z-axis)	7.87 in (200 mm)	7.87 in (200 mm)
Table Travel (X-Axis)	N/A	8.66 in (220 mm)
Y-Table Travel (Y-Axis)	N/A	1.57 in (40 mm)
Max. Cutting Area of Sample		
Round	2 in (50 mm)	2 in (50 mm)
Rectangular	2 in x 2 in (50 mm x 50 mm)	2 in x 2 in (50 mm x 50 mm)
Longitudinal Cut	N/A	2 in x 3.9 in (50 mm x 100 mm)
Coolant Reservoir Capacity	4.2 gal (16 L)	4.2 gal (16 L)
Interior Lamp	6.5 W	6.5 W
Machine Dimensions		
Height, Hood Closed	29 in (737 mm)	29 in (737 mm)
Height, Hood Open	40 in (1016 mm)	40 in (1016 mm)
Width	20 in (508 mm)	20 in (508 mm)
Depth	26 in (660 mm)	26 in (660 mm)
Weight	225 lb (125 kg)	309 lb (140 kg)
Operating Temperature	59°F to 104°F (15°C to 40°C)	59°F to 104°F (15°C to 40°C)
Electrical Requirements	230 V, 50/60 Hz, 15A, 1 Phase	230 V, 50/60 Hz, 15A, 1 Phase

All measurements are approximate.

One vise is included with the MSX205M Series (811-651-144).

## Part Numbers

826-000-300	MSX205M Manual, with Fixed Y-Table, 230V, 60 Hz, single phase
826-000-310	MSX205M2 Dual, with Moveable X- and Y-Table, 230V, 60 Hz, single 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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