

Cepilladora Molduradora Multiform 4 hasta 9 Ejes - 240 mm ancho

Plaina Moldureira Multiform 4 a 9 Eixos - 240 mm largura



Universal Spindle



Lower spindle



Jointer system



Spindles Positioning  
Memory System



# 4 to 9 Sides Moulder 7 8/10" width

**PMO 240**

## Description

The Moulder Omil PMO 240 has been designed to process large scale of wood up to 9 4/10" (240 mm) and is applicable to produce any type of frames and planning. The machine settings are easy accessible once it is positioned at the front side of the machine and it is also accurate because of the built in counters.

The feed system has been developed with helicoidal reduction gears, cardan transmission for lower power consumption and noise level.

The optional pre-addresser module provides improved finishing quality.

Thinking on the best productivity for each situation and quality, Omil has developed the model PMO 240 with different configurations, starting with a four sides processing, plus optionals spindles: a fifth bottom spindle, a sixth simultaneous upper and bottom spindle, an upper or bottom multi saw, or a complete eight sides moulder including an universal spindle.

Equipped with a modern control system for tool positioning, a heavy cast iron frame, Omil is proud to introduce an excellent choice for a precision surface finish and high outputs.

Motors	Standard	Optional	Automation
Feedsystem	3HP	5 or 7,5HP	-
Lower spindle	10HP	15HP	0,5HP
Upper spindle	10HP	15HP	-
Right spindle	7,5HP	10HP	0,5HP
Left spindle	7,5HP	10HP	-
Lift system	7,5HP	-	-
5th 2nd lower spindle	7,5HP	-	-
6th upper or lower spindle	7,5HP	10 or 15HP	-
7th upper or lower rip saw	20HP	25, 30 or 40HP	-
8th 2nd right spindle	7,5HP	-	-
9th universal spindle	7,5HP	-	-
Total	95,5HP	until 142,5HP	1HP

## Multi saw unit

Max cutting height with a 10" (250 mm) diam. blade.....1 6/10" (40 mm)  
Max cutting height with a 14" (350 mm) diam. blade.....2 1/2" (65 mm)

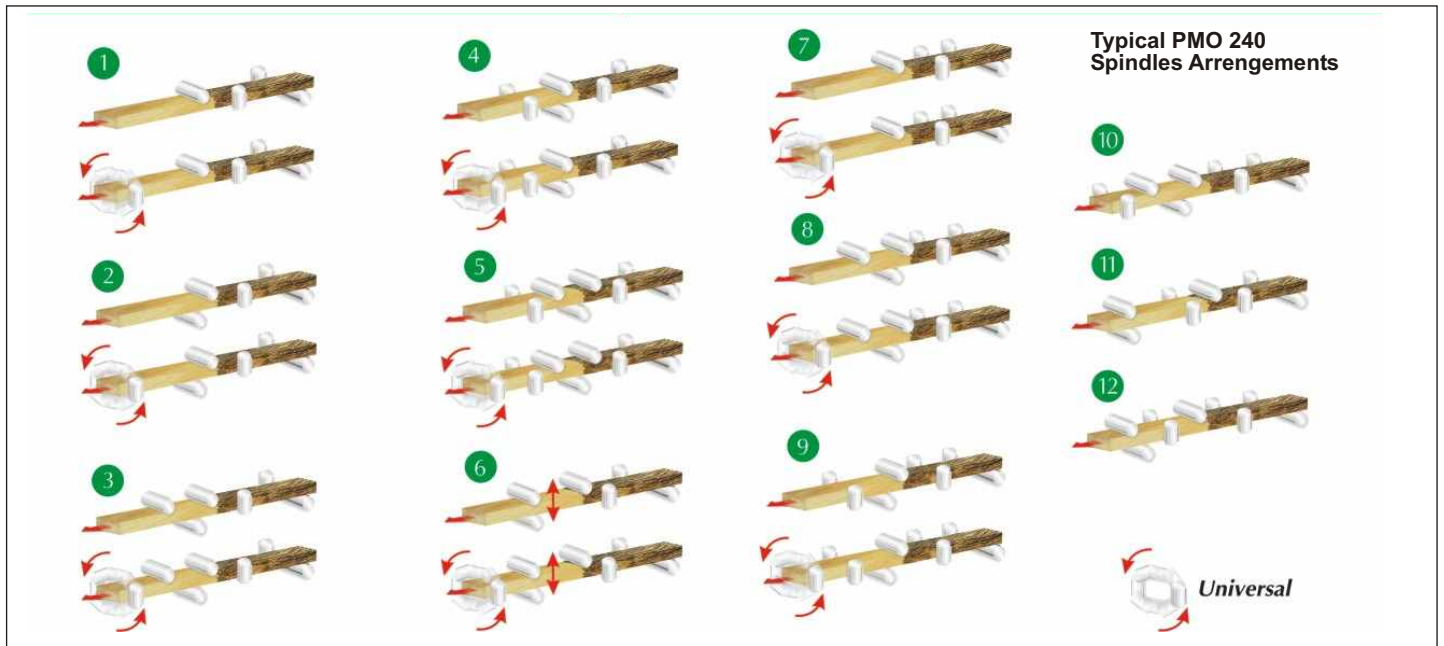
## Technical Features

Maximum working width.....9 4/10" (240 mm)  
Maximum working height (5 1/10" diam. tool).....5 1/2" (140 mm)  
Minimum working length.....17 7/10" (450 mm)  
Front table length.....78 3/4" (2.000 mm)  
Feed speed (frequency controlled).....40 to 147 feet /min (12 to 45 m/min) or 52 to 295 feet /min (16 to 90 m/min)  
Number of spindles.....4, 5, 6, 7, 8 or 9 Spindles  
Speed.....6.000, 7.000 or 8.000 rpm  
Spindles diameter.....40 or 50 mm  
Vertical spindles travel.....+/- 3 1/2" (+/- 90 mm)  
Horizontal spindles travel.....+/- 8/10" (+/- 20 mm)  
Minimum cutting tool diameter.....4" (100 mm)  
Maximum upper & side cutting tools diameter.....9" (230 mm)  
Maximum lower cutting tools diameter.....7" (180 mm)  
Feed rolls diameter.....4 7/10" (120 mm)  
Vertical front table travel.....4/10" (10 mm)  
Horizontal fence travel.....6/10" (15 mm)  
Dust exhaust diameter.....5" (125 mm)  
Net weight.....8.800 to 15.500 pounds (4.000 to 7.000 Kg)  
Packing dimensions.....length 12 6/10' x width 6' x height 5 3/4' (length 3,85 m x width 1,85 m x height 1,76 m)  
Overload protection;  
8 to 13 upper feed rollers / 3 to 5 lower feed rollers;  
Individual feed rollers pneumatic pressure setting;  
Internal dust ducts;  
Hard chrome plated table (20 mm);  
Exact feed speed setting (infinite speed);  
Chainless cardan feed system (smoother and stronger);  
All spindle can be adjusted "up and down" and "in and out" for quickly setup;  
All spindles are belt driven for superior stability;  
Upper & left spindles are provided with mechanical digital positioning read out, for accurate adjustment;  
Automatic table lubrication system;  
Heavy duty noise protection and safety enclosures;  
Heavy cast iron frame.

## Optionals

5th second lower spindle.....7,5 HP  
6th upper or lower spindle.....7,5 HP  
7th upper or lower spindle (multi saw or conventional tool).....20 HP  
8th second right spindle.....7,5 HP  
9th universal spindle.....7,5 HP  
Feed speed (frequency controlled).....40 to 148 feet/min (12 to 45 m/min)  
Small parts feed.....10" (250 mm)  
Memory system - 200 spindles positioning memories (upper & left spindles);  
Telescopic / tiltable feed system;  
Motor power options (see side motor information table).  
Jointer system.

Picture and technical data can change without previous warning.



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