M-412 Four-Side Planer/Moulder

The M-412 features convenient controls and display.

M-412 shown with included 48"-long infeed and outfeed tables.

Overview

The **Baker Model M-412 Four-Side Planer/Moulder** is just right for professionals who are needing an economical, compact planer and moulder unit. The **M-412** features four cutting modes and 4-sided planing and moulding. It is designed for easy set up and extended use.

The **Baker M-412 Planer/Moulder**'s entire table can be raised and lowered via a digital input with keypad and digital display. You can use a hand crank as a manual override. A variable feed speed allows you to plane and mould hard and soft woods. The **M-412** automatically stops whenever the top guard is opened. And, it's equipped with three depth-of-cut control plates for the bottom cutterhead and individual motors for each moulding spindle.

Features

- Four cutting modes: single-, two-, three-, and four-sided moulding and planing.
- Planing capacity: 13" (330 mm) wide by ⅜" to 9" (10 mm to 230 mm) tall.
- 2-sided planing or moulding capacity: 13" (330 mm) wide by 9" (230 mm) tall.
- 4-sided planing or moulding capacity: 12" (300 mm) wide by 2" (51 mm) inches tall, standard.
- Extremely accurate digital table height position control via keypad or hand crank.
- 7,000 RPM spindle speed.
- Individual motors power each spindle.
- Variable feed speed: 11 to 52 feet per minute (3.35 to 15.85 meters per minute).
- See-through top guard for viewing cutter head.
- Comes with 48"-long infeed and outfeed tables.
- Compact design takes up little floor space: 49" long by 32" wide)
- Heavy duty, low maintenance.
- Centralized controls make operation simple and easy.
- Extremely high quality, professional and accurate results.
- Top, bottom, left, and right planing knives provided.

BAKER Products
PO Box 128
Ellington, Missouri 63638 USA
Website: www.baker-online.com
E-mail: info@baker-online.com
Fax: (573) 663-2787
Phone: (573) 663-7711

M-412 Four-Side Planer/Moulder

Specifications

Number of spindles: 4

Dust Output: Four 4-in. (102 mm)-diameter dust outlets. 900 CFM (25.5 m³/min) recommended for each outlet. 3,600 CFM (102 m³/min) total.

Dimensions & Weight:
Length: 49 in. (124.5 cm) without tables
Width: 32 in. (81.3 cm)
Height: 48 in. (121.6 cm)
Net Weight: 1,400 lbs. (635 kg)
Gross Weight: 1,610 lbs. (730 kg)

Power

Spindle Motors (individual motors drive each spindle):
Top horizontal spindle: One 7.5 HP (5.5 Kw) motor

Bottom horizontal spindle: One 5 HP (3.7 Kw) motor

Right & left spindles: Two 4.1 HP (3 Kw) motors

Feed system: One ½ HP (0.375 Kw) motor

Power:
240v, 3-phase
480v, 3-phase
575v, 3-phase

Feedworks and Capacities

Feed speed: Fully variable 11 to 52 fpm (3.35 to 15.85 m per minute)

Material Capacity:
Planing Width: 13 in. (365 mm)
Planing Thickness: 7⁄16 to 9 in. (12 to 230 mm)
2-sided Planing/Moulding Width: 13 in. (330 mm)
2-sided Planing/Moulding Thickness: 7⁄16 to 9 in. (12 to 230 mm)

4-sided planing/moulding width: 0 to 12 in. (0 to 306 mm)
4-sided planing/moulding thickness: 7⁄16 to 2 in. (12 to 51 mm), standard*

Table area: 44¼ by 27 in. (1,125 by 685 mm)

Table elevation: 9 in. (230 mm)

*Up to 4" with optional cutter head

Spindles

	Top Horizontal Spindle	Bottom Horizontal Spindle	Left/Right Vertical Spindles
Width	17 15⁄16 in. (455 mm)	13⅝ in. (346 mm)	n/a
Max. Planing Depth	5⁄16 in. (8 mm)	¼ in. (6 mm)	(max. cutting height) 2 in. (51 mm)*
Max. Moulding Depth	¾ in. (19 mm)	3⁄16 in. (5 mm)	(max. cutting depth) 13⁄16 in. (21 mm)
Speed	7,000 RPM	7,000 RPM	7,000 RPM
Spindle Diameter	n/a	n/a	1¼ in (31.75 mm)
Cutter Head Diameter	2¾ in. (72 mm)	2¾ in. (72 mm)	3½ in. (90 mm)
Max. Cutter Head Dia.	n/a	n/a	5½ in. (140 mm)

Other Features

- Convenient vertical spindle adjustment
- Simultaneous planing and moulding
- Table can be raised & lowered accurately with digital meter
- Optional vertical spindle cutter; choice of 2- or 4-knife configuration
- Digital position control provides fast and accurate thickness adjustment
- Works great with dry hard and soft woods (6% to 12% moisture content)

PO Box 128
Ellington, Missouri 63638 USA
Website: www.baker-online.com
E-mail: info@baker-online.com
Fax: (573) 663-2787
Phone: (573) 663-7711