



MP220 PLANER/MOULDER/RIPSAW

Wood-Mizer®



MP220

PLANER/MOULDER/RIPSAW

EFFICIENTLY COMBINES MOULDING, PLANING AND RIPSAWING IN ONE MACHINE

The MP220 multi-purpose woodworking machine was designed to meet the demands of sawyers and carpenters working on a variety of projects. It's a great choice of affordable equipment for woodworkers at every level – from an enthusiast small workshop, to a professional woodworking company. It's versatile, compact and economical.

This moulder/planer/ripsaw machine combines these 3 important operations in one single unit, increasing the productivity and therefore saving time. In addition to all Wood-Mizer Woodworking Machines, the MP220 is an ideal solution for sawyers and carpenters who want to process more timber in relatively short time. The electrical motors (3,2 kW/4,4 HP) consume little energy and don't generate much noise. The MP220 features two sawdust extraction ports on top of the main cover, and one under the cast iron table, helpful in keeping the work area clean.

BENEFITS

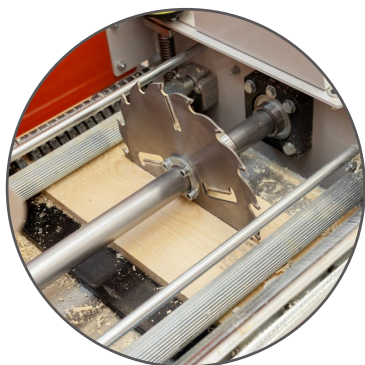
TOP 3

BENEFITS

Ease of use at a low price

Optimized for efficiency

Moulding, planing and rip sawing combined in one unit



Pictured: MP220

MP220 MAIN FEATURES



Operator Panel

Convenient operator unit with controls placed over the in-feed table.



Easy Adjustment

Ergonomic hand crank for adjusting the height of cast iron table and a ledger for positioning the material while ripsawing.



Three operations in one machine

Combines moulding/planing/ripsawing in one unit, while saving time and increasing productivity.



Top Cover

Shields safely the resaw blade and the cutter-head, with extraction ports for sawdust removal.



Compact construction

Lightweight and compact, with transportation wheels makes setting the machine in the workplace quick and easy.



Easy-to-change Knife Profiles

Changing knives is simple and takes approximately 10 to 20 minutes.

Ripsawing is optimized for safety and ease of use. The ripsaw blade is hidden under the top cover and can be easily adjusted by the operator. With a maximum ripsawing height of 80 mm, feeding of material on table is smooth and secure. Over the feed table there is a control unit, allowing for easy operation of the machine. The machine works with a fixed feed speed of 5 m/min (ECO version), or at a variable speed of 2-11 m/min (PRO version).

The MP220 machine is highly versatile, so it can turn every woodworking idea into a final product. It's an indispensable tool for both amateurs and professionals who would like to make their own quarter rounds, floor decking, panelling, crown mouldings or wide floor boards. Most of these products can be made in one pass, while other, more advanced mouldings require 2 or 3 passes through the machine. The electrical motors provide the rotation speed of 6000 rpm, ensuring a smooth surface on the final products.

It has been designed, like all Woodworking Machines, as a high-quality and sturdy tool, built around a cast iron table, to ensure the precision of ripsawing and the best results of moulding/planing. Cutting knives offer the maximum depth of moulding at 20 mm. Maximum planing dimensions are 400 mm wide and 240 mm high.

SPECIFICATIONS

MATERIAL DIMENSIONS

Max. Width	400 mm
Max. Height	240 mm
Minimum Height	15 mm
Minimum Length	470 mm

CUTTING EQUIPMENT

Planing

Max. Planing Width	400 mm
Max. Planing Depth	4 mm

Moulding

Profile Width - according to the profile knives specifications	
Max. Horizontal Profile Depth	20 mm

Ripsawing

Max. Ripsawing Widths (both sides of blade)	116 mm / 280 mm
Max. Ripsawing Height	80 mm

MOTOR OPTIONS

ECO - Constant feed speed

Main Motor	3 kW (4 HP)
Feed Motor	0,18 kW (0.25 HP)
Connection:	3-phase 400V, 50Hz, 16 A
	3-phase 230V, 50Hz, 16 A
	1-phase 230V, 50Hz, 20 A

PRO - Variable feed speed

Main Motor	4 kW (5.5 HP)
Feed Motor	0,37 kW (0.5 HP)
Connection:	3-phase 400V, 50Hz, 16 A
	3-phase 230V, 50Hz, 16 A

FEED SPEED

Constant speed	5 m/min
Variable speed	2-11 m/min

CHIP EXTRACTOR SPECIFICATIONS

Inlet Port Diameters	1x 125 mm
	1x 100 mm
	1x 50 mm
Airflow	2000 m ³ /h



Wood-Mizer NEW PRODUCT



STANDARD ACCESSORIES

- Short infeed extension table 440 mm long with press roller
- Guide bar, length 660 mm
- Circular blade for ripping, outside diameter 225mm, 16+2 teeth
- Horizontal cutter with 4 knife sockets, diameter 72 mm
- 2 straight planing knives HSS, length 410 mm with 2 wedges
- 3 feed rollers (2 steel, 1 polyurethane)
- Power supply kit including plug 16 A and a cable
* except the models powered 1x 230V
- Additional parts kit with basic tools for machine setting

OPTIONAL ACCESSORIES

- Extension tables:
Long infeed / outfeed extension table, length 1,25 m
Short outfeed extension table, length 0,44 m
- Set of 4 caster wheels for moving the machine
- Magnetic tool for straight knives adjustment
- Set of 2 pcs of guide bars for tongue & groove moulding

OPTIONAL TOOLS

- Straight planing knives HM, 410x20x3, tungsten carbide tipped
- Additional wedges for straight planing knives 410 mm
- 2-Sided indexable knives with holders, TriMetal 410x19, 5x3
- Profile knives HSS, widths: 40mm, 50mm, 60mm, 100mm
* profiles according to the catalogue or under customer's requests
- Wedges for profile knives

DIMENSIONS AND WEIGHT

Machine:	
Length x Width x Height	1116 mm x 788 mm x 1300 mm
Weight	240 kg
Transport package – Crate-pallet:	
Length x Width x Height	1200 mm x 1050 mm x 1366 mm
Shipping Weight	360 kg

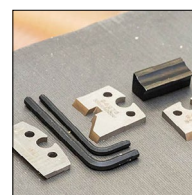
Working with the MP220 can begin just after unboxing the machine, but it can be adjusted as required with the help of accessories available from the Wood-Mizer TOOLS range. It's very easy to change the configuration of the cutterhead by adding knives or to adjust the blade for ripping. Its compact size, lightweight construction (240 kg) and transportation wheels make moving it around the workshop quick and effortless.



WOODWORKING TOOLS FOR MP220



Circular Blade 225 mm
Order No.
TMB225.016.35



Additional accessories
Wide selection of extras offered for the machine include straight planing knives, profile knives, wedges for profile knives and more.