The process starts here. Precisely profiled. Four-sided solution.

HOMAG

Our Planing and Moulding Machine
MOULDTEQ M-200

YOUR SOLUTION

Prepared for the future

The MOULDTEQ M-200 is the perfect entry into solid wood processing. This moulder is an efficient entry-level machine that combines state-of-the-art technology with simple operation at the touch of a button. You get maximum workpiece quality, and this machine is well equipped for versatile tasks.

5-8 spindles with variable feed speed.

Standard **6,000** rpm spindle speed.

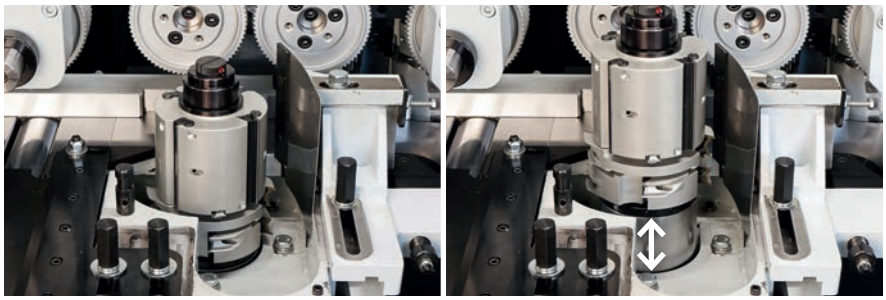
4,000-8,000 rpm options available.

Workpieces with **300** mm length possible.

Ergonomic remote control for quick and automatic adjustment of selected spindles

Workpieces from 300 mm length onwards

Classic and convenient operation with push buttons



Axial adjustment range up to 75 mm

Highlights

- **Flexibility thanks to variable feed and variable spindle speed**
- **Quick set-up with proLock spindle clamping system**
- **High precision due to cast iron frame**
- **Ideal power transmission, each spindle is driven by its own motor**

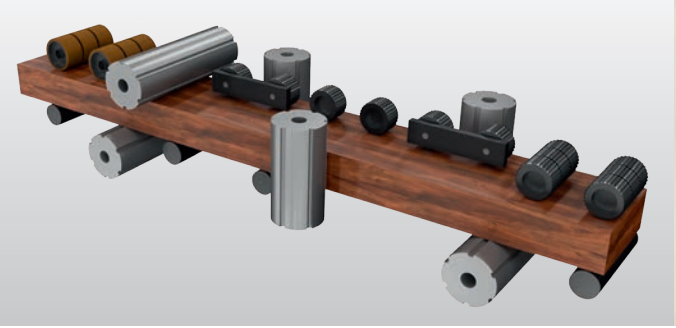
From four-sided planing to complete profile processing

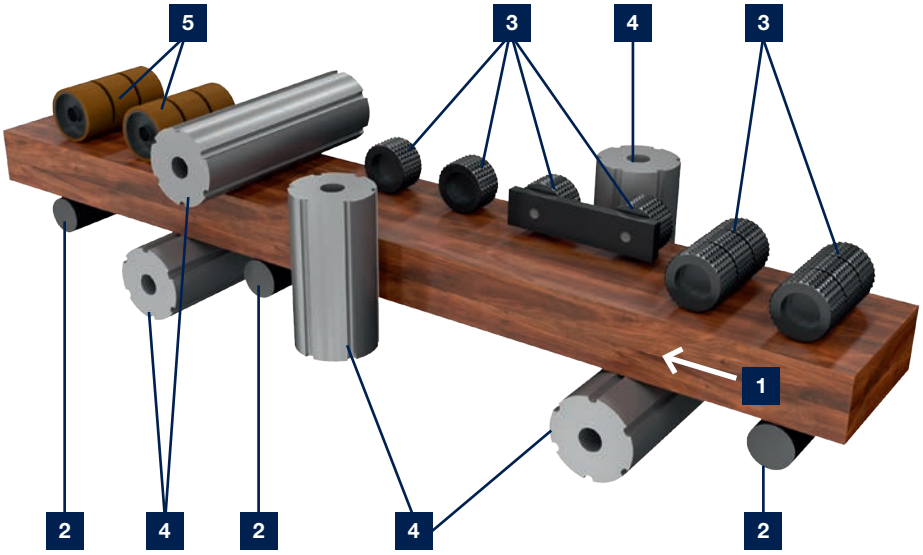
The workpiece is guided by linear ruler through the machine and held in place by pressure rollers. Through diverse tools, our clients have the ability to even profile or saw the workpiece during the moulding process.

5 SPINDLES | Ideal for carpentry shops

6 SPINDLES | Ideal for window, door and plinth manufacturing

6 SPINDLES | Ideal for door and plinth manufacturing





1 **Throughfeed direction**

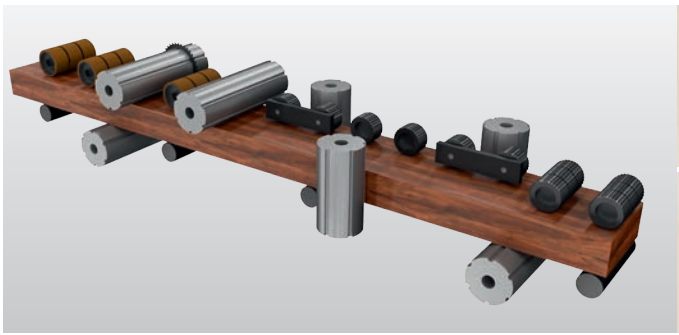
2 **Driven rollers**

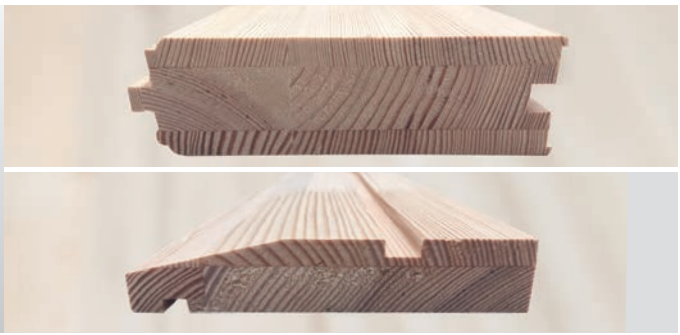
3 **Power driven top pressure steel rollers**

4 **Spindle with planer head**

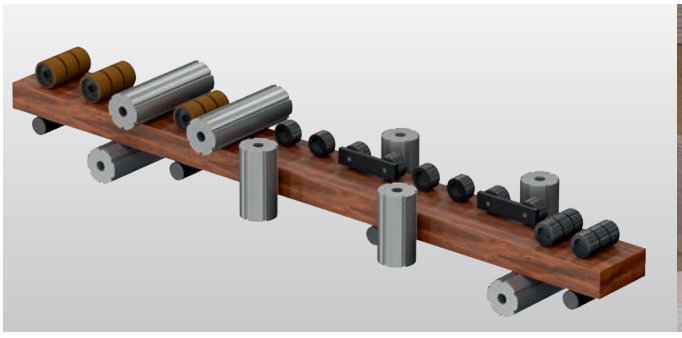
5 **Top pressure rubber rollers**

7 SPINDLES | Ideal for window, door and plinth manufacturing with extended portfolio

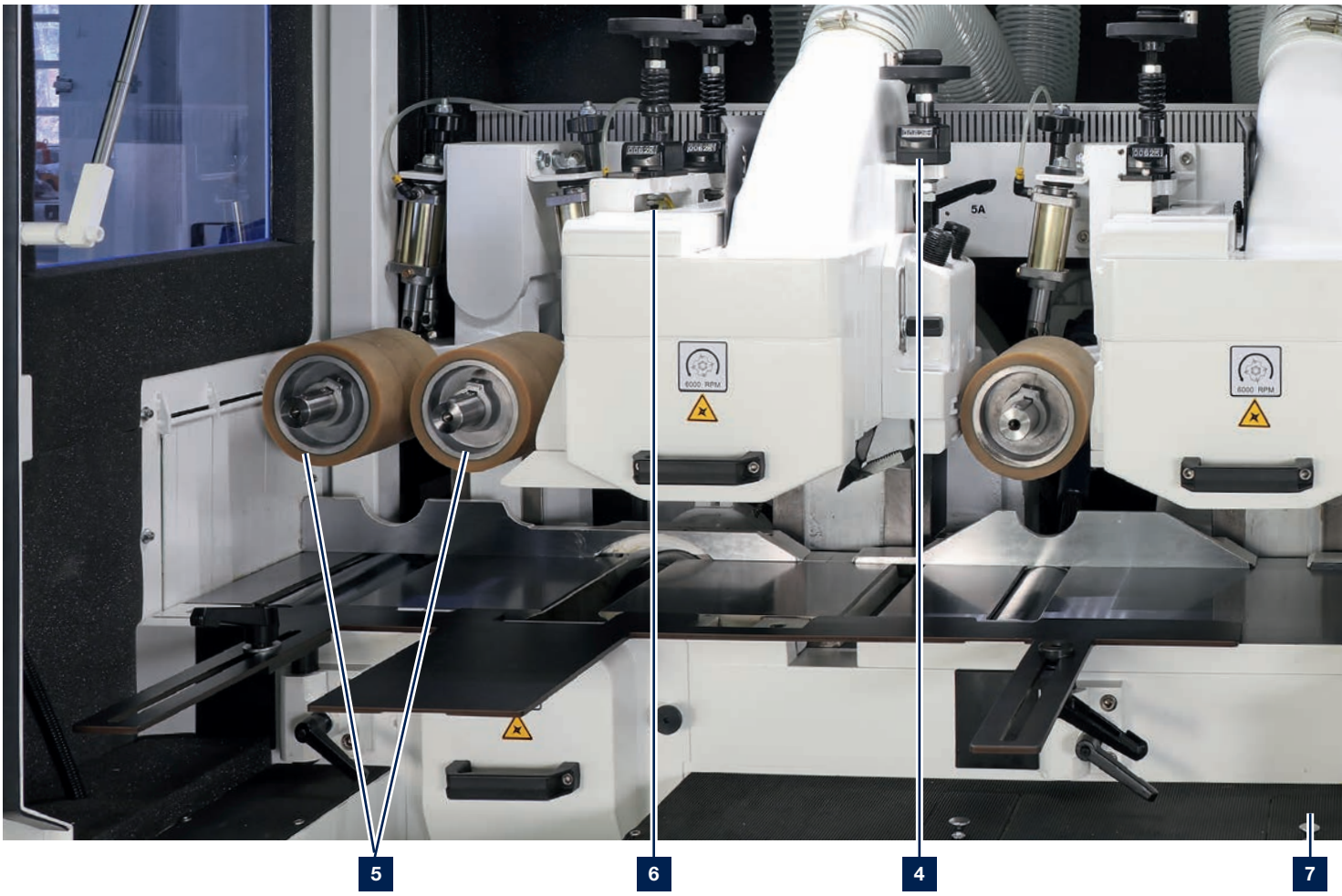


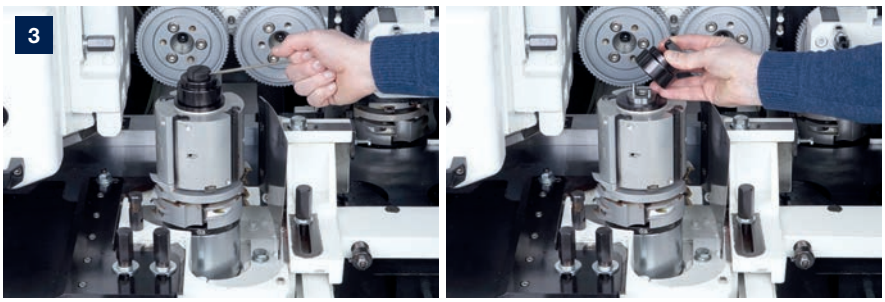


8 SPINDLES | Ideal for window, door and plinth manufacturing with extended portfolio



The Details

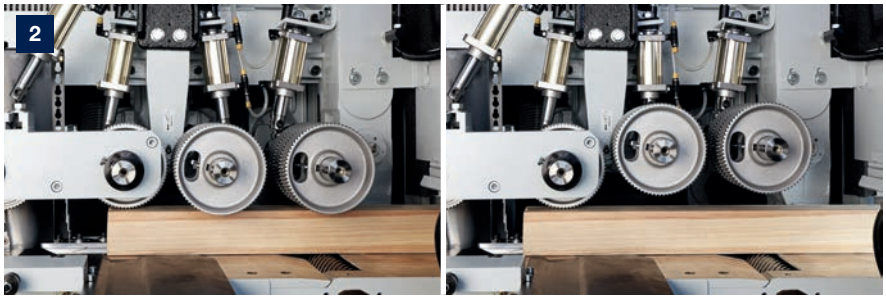




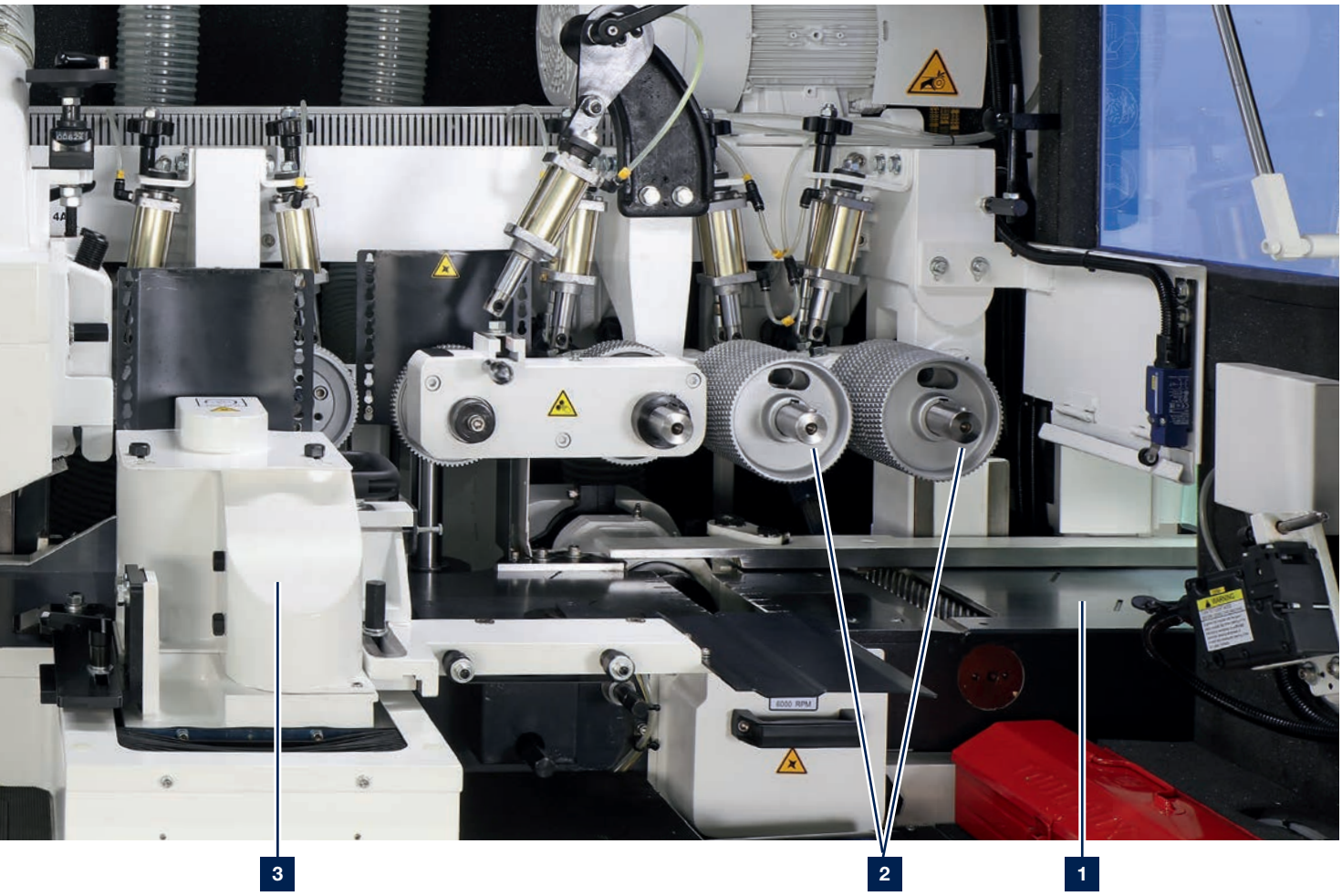
Quick and easy tool change with proven proLock tool clamping system

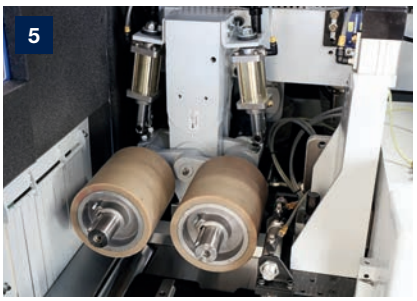
Review radial position of tools via analogue display

Harden chromed feeding table for long lasting service life



Pneumatic adjustable top feed rollers for optimum contact pressure for different profiles and types of wood (left activated, right deactivated feed rollers)





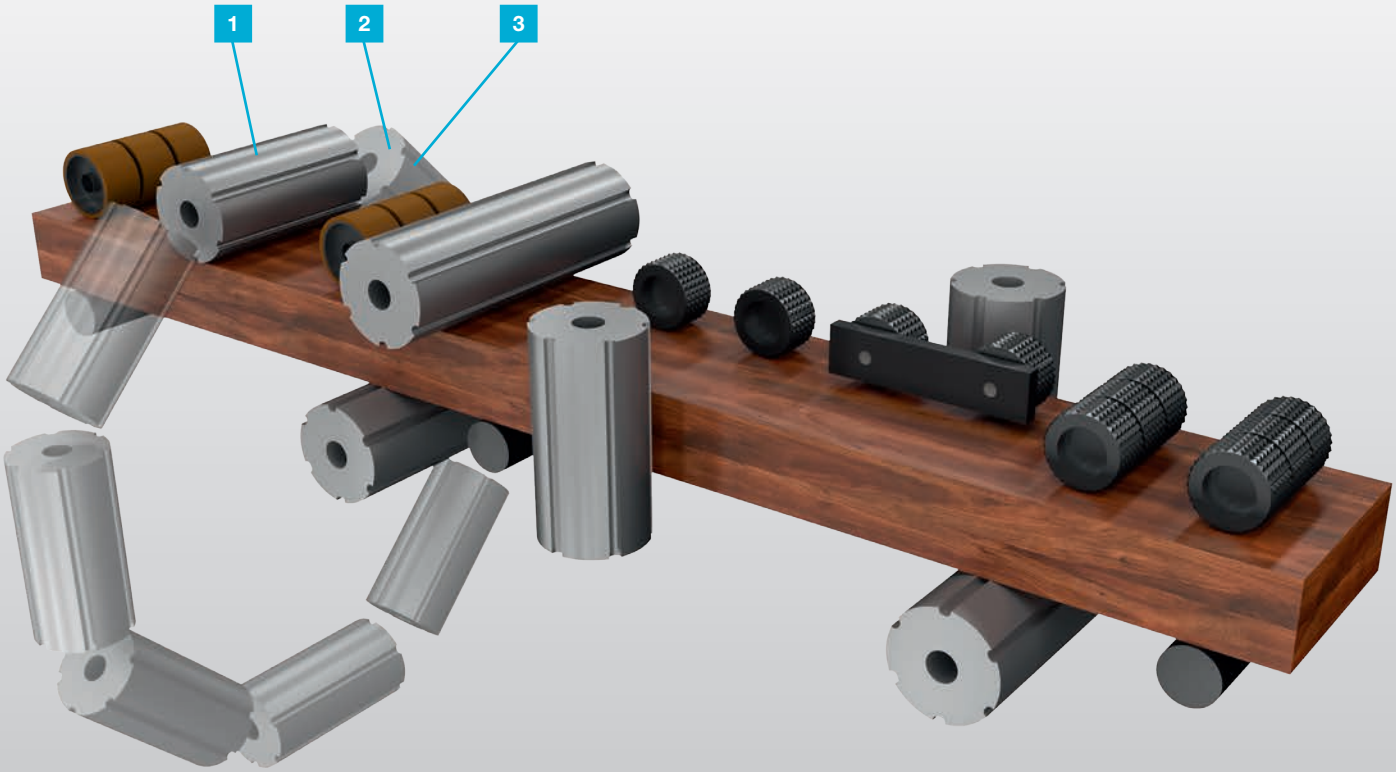
Top pressure rubber rollers for sensitive surfaces after processing (Shore hardness: 80)

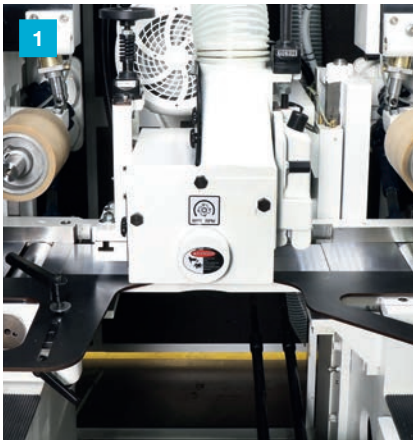
Linear guide for precise adjustment of the top spindles and optimal work piece quality

Accessible central lubrication at machine front

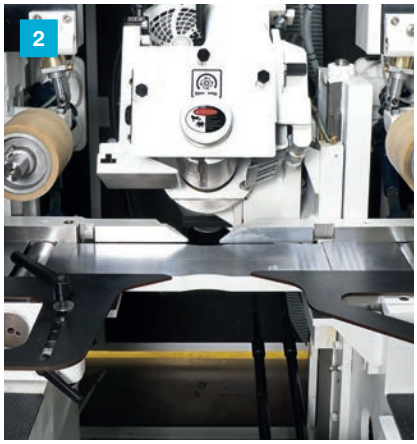
Option – Universal spindle

On each normal spindle configuration there's the possibility to add a universal spindle at the end. This spindle is 360° moveable and offers the possibility to be always on the right place, where you need it the most. If you need frequent changes to multiple spindle configurations, this is the best option for you.





Usage as top spindle

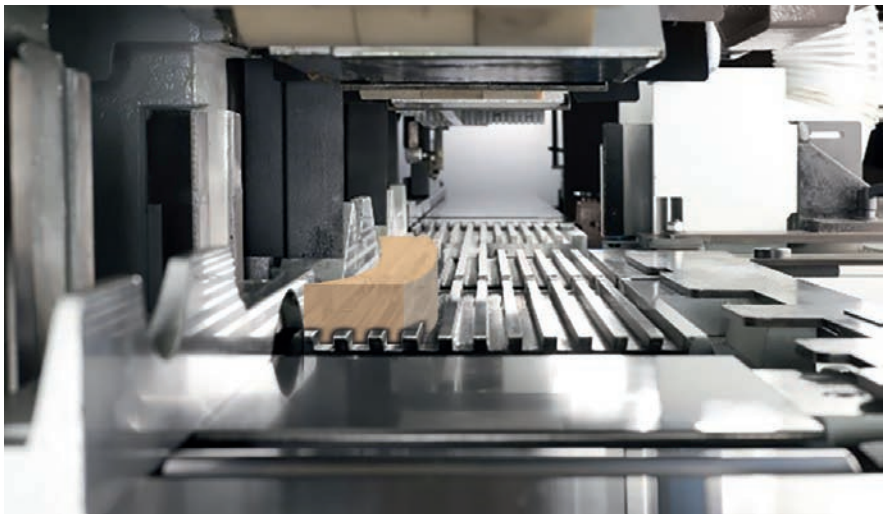


Inclined spindle + cutter head

Inclined spindle + saw

Options

WOULD YOU LIKE SOMETHING EXTRA? Our options provide optimal customization solutions for your planing and moulding needs.



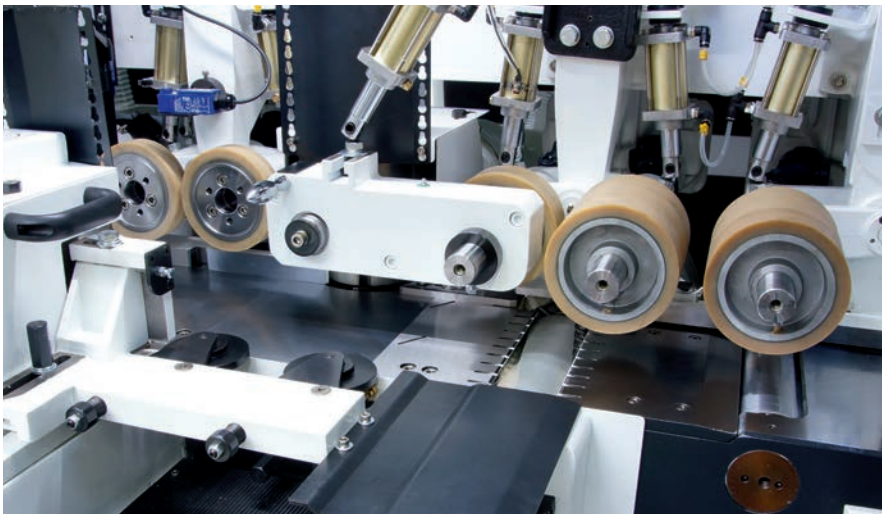
Grooved machine table

Before the first bottom spindle, a special profile cutter head moulds grooves into the workpiece. A grooved bed may be the best solution to keep the work pieces from moving side to side. Thus, providing a very accurate finished product as required in wood component and furniture part processing. On the last bottom spindle the grooves in the workpiece get planed away. The grooved machine table can be used for short or curved pieces.

Telescopic feed roller opposite the left spindle

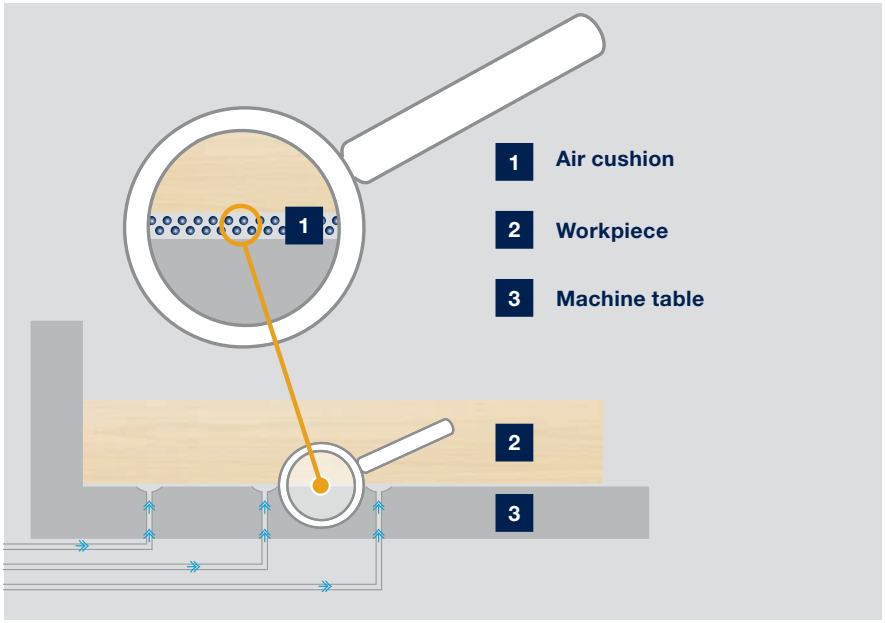
Depending on the requirements to move the position of the feed rollers. If there is a high variance of profiles or workpiece widths, this option provides a fast and efficient solution.

Further options



Rubber rollers in the infeed area

Smooth feed rollers in the entire machine prevent pressure points on the workpieces and ensure gentle processing of the material. This is particularly important when little or no material is planed off the top spindle and the classic feed rollers would leave pressure marks due to their corrugation.



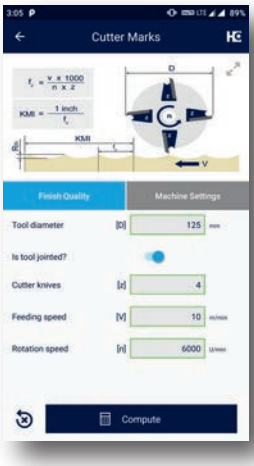
Air cushion table

An air cushion is created between the workpiece and the machine table to ensure smooth transport of wet or resinous workpieces.

HOMAG intelliMoulding

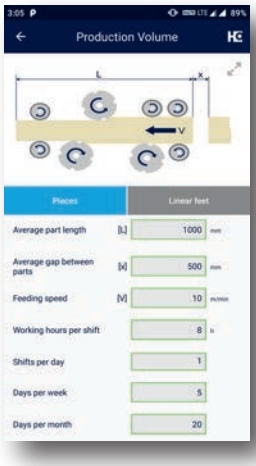
The digital multifunctional tool for all operators of a planing and profiling machine.

The intelliMoulding App supports the operation of a planing and profiling machine. The app provides various digital tools that are precisely tailored to the requirements of a planing and profiling plant. The aim is to minimise errors, make production more efficient and tap new optimisation potential. The intelliMoulding App is suitable for employees in craft or industrial enterprises.



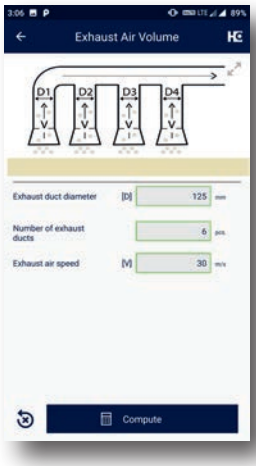
Knife marks

With the intelliMoulding App, the planing stroke range can be calculated from the specified machine parameters or you specify the desired planing stroke width and have the necessary machine parameters calculated.



Production volume

From data such as workpiece dimensions, feed rate and working time the app calculates the number of workpieces produced per day, per week and per month.



Suction volume

Easily and conveniently determine the extraction volume of a planing and profiling machine.

Simply classic - and classically simple

Control your MOULDTEQ M-200 planer via classic pressure switches. This is simple and efficient. The clear pictograms are easy to understand and language-neutral. This allows you to start the units quickly. You achieve the desired result intuitively and comfortably.

For you more than...

1,350
service employees worldwide

92%
less on-site service thanks to successful remote diagnosis

5,000
customers in trainings / year

150,000
machines, all electronically documented in 28 different languages – in eParts

LIFE CYCLE SERVICES

Optimal service and individual consultations are included in the purchase of our machines. We support you with service innovations and products which are especially tailored to your requirements. With short response times and fast customer solutions we guarantee consistently high availability and economic production – over the entire life cycle of your machine.

REMOTE SERVICE

- Hotline support via remote diagnosis by our trained experts regarding control, mechanics and process technology. Thus, more than 92% less on-site service required and consequently a faster solution for you!
  The ServiceBoard App helps to solve tasks in a fast, simple and concrete way. This is achieved by mobile live video diagnosis, automatic sending of service requests or the online spare parts catalog eParts.

SPARE PARTS SERVICE

- High spare parts availability and fast delivery.
- Ensuring quality by predefined spare parts and wear parts kits, comprising original spare parts.
- Identify and inquire for spare parts online under www.eParts.de 24/7, or buy even faster and more comfortably in the new HOMAG eShop (shop.homag.com).

FIELD SERVICE

- Increased machine availability and product quality by certified service staff.
- Regular checks through maintenance/ inspection guarantee the highest quality of your products.
- We offer you the highest availability of technicians in order to reduce downtimes in case of unpredictable troubles.

TECHNICAL DATA						
Model			**5 spindles**	**6 spindles**	**7 spindles**	**8 spindles**
Workpiece length min. (one and one piece)		mm	300			
Workpiece length min. (one piece)		mm	800			
Workpiece width		mm	10 – 250			
Workpiece thickness		mm	10 – 160 | 5 – 160			
Spindle speed 1st spindle		1/min	6.000 | 4.000 – 8.000			
Spindle speed from 2nd spindle		1/min	6.000 | 4.000 – 8.000			
Spindle diameter		mm / inch	40 mm | 50 mm | 1-1/2 inch | 1-13/16 inch			
Spindle motor power		kW	5.5 | 7.5 | 11 | 15 | 18.5			
Radial spindle positioning			Analogue display			
Axial spindle positioning			Analogue display			
Axial adjustment range						
horizontal spindles		mm	20 | 40			
vertical spindles		mm	60			
with tool diameter 130 mm		mm	75			
Feed speed		m/min	6 – 24 | 6 – 40			
Feed motor power		kW	4 | 5 | 7.5			
Feeding table length		m	1.1 | 2 | 2.5 | 3			
Table design			Smooth table | Air cushion table | Grooved table			
Option packages			Window package | Saw package | Universal spindle			
Air pressure		bar	6			
Compressed air connection		inch	R 1/2			
Suction connection		mm	5x125	6x125	7x125	8x125
Suction (average)		m^3/h	3,900	4,680	5,460	6,240
Suction (max.)		m^3/h	6,625	7,950	9,275	10,600
Machine weight		kg	4,600	5,100	6,500	7,300
Machine dimensions						
L	Length	mm	3,950	4,500	5,385	5,550
W	Width	mm	1,900	1,900	1,900	1,900
H	Height	mm	2,145	2,145	2,145	2,145

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