

Hydromat 3000

The fastest planer/moulder on the market for cladding and mouldings



Hydromat 3000 is the planer/moulder for you who wants to produce mouldings and cladding at a higher speed and with the best possible quality. You can produce up to 20.000 m³ per year and shift, depending on batch size and wood dimensions. Optimal surface quality is obtained thanks to the solid cast-iron stand that ensures a vibration free run also at high feed speed.



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Highlights

Flexible

We adapt the machine to your needs! Feed speed up to 150 m/min, motors ranging from 7,5 to 53 kW. Tilttable feed beam up to 25°, opposing side spindles and universal spindle available as an option.

Best surface finish

Solid machine construction with vibration absorbing cast-iron stand and spindles with precision bearings together with a short distance between the feed rollers to fill the requirements for a perfect surface finish.

Quick set-up

Computer based set-up system, PowerCom, with a user friendly touch screen is standard. The system makes handling of tools and profiles easier and reduces set-up times. Motorized setting of spindles, side pressure rollers and fences is available as an option.

Profitable investment with reliable service

As the world's leading manufacturer of heavy-duty planers we can guarantee a fast and professional service support to ensure a continuous and profitable production for our customers.

Technical data

		Standard	Option
Working width	mm	30-300	
Working height	mm	10-120	10-200
Feed speed	m/min	12-120	15-150
Motor capacity, spindles	kW	7,5	11-53
Motor capacity, feed	kW	22	30-37
Transmission, spindles		flat belt	timing belt
Transmission, feed		cardan shaft drive	
Feed system		electronic	
First top feed rollers	ø mm	220	
Other top feed rollers	ø mm	170	
First bottom feed rollers	ø mm	140 x 200 width	
Other bottom feed rollers	ø mm	300 x 138 width	
Spindle diameter	mm	50	45, 2 1/8"
Spindle speed	rpm	6.000	converter 3.000 - 6.000
Spindle locking		pneu. mechanic	
Outboard bearing		hydraulic	
Feed beam		not tilttable	tiltable up to 25°
Feed roller pressure		pneumatic	
Pressure roller	lateral / above	pneumatic	
Cutting circle	ø mm	160-260	
Tool jointing circle	ø mm	203	163 - 180
Jointing system			remote controlled straight / profile