

Hydromat

45



With wood into the future

The natural feel and noble look of wooden products makes them very desirable. This renewable, eco-friendly raw material is highly valued in society. Good times for wood workers. Good times for you.

The increasing importance of wood is characterized by an ever growing field of application: Traditional fields of activity such as interior fittings, commercial furnishings and window manufacturing have been joined by imposing wooden architecture. Sophisticated façade and bridge constructions, glulam or cross laminated timber elements are enjoying increasing use in construction. Textured surfaces and creative lightweight construction are setting popular trends.

As a company active in this industry, you can benefit from this development towards increased use of wood, the only CO₂ neutral material. Make your decision for sustainable technology as well when choosing production machinery. WEINIG is the only manufacturer who is fully committed to solid wood processing. With passion and dedication, like yourself. The ideal partner for innovative concepts to help you conquer tomorrow's market. WEINIG's machines have an especially long service life and offer exceptional reliability. An investment in WEINIG's production technology has long term benefits and means security for your company. Very short set up times and maximum material yield are built into every solution. Naturally with perfect accuracy of dimensions and excellent surface quality for your products.

Planing, profiling, texturing. Whatever you do – you will always make the right choice with machines from WEINIG.



WEINIG offers more

WEINIG's successful path in wood processing is characterized by listening to our customers and the demands of the market place. Born from many years of experience, WEINIG's R & D department never fails to create new practical solutions for industry and small shops. Whoever buys a WEINIG machine today knows that they are optimally equipped for the future of their business.

100% quality – WEINIG's machines have to satisfy the most difficult requirements. That is why great care in product development and manufacturing is a tradition at WEINIG. You benefit from this by the long service life of your valuable investment.

Reliability – The availability of a machine determines how profitable your business is. WEINIG is known for their high standard in technology. More than 80,000 machines from WEINIG are operating around the globe to the utmost satisfaction of our customers.

Expert advice – Whether you need expertise of WEINIG Concept for turn-key solutions or the know-how of a WEINIG expert at your door – you can always rely on our committed sales team. Ultimately you will have a customized solution that offers you maximum value for your investment.

Everything from a single source – In WEINIG you have an experienced full service provider as your partner. From rough cutting to stacking, from a stand-alone machine to a fully automated turn-key production line. Including, of course, a comprehensive service package.

Service – Safety is reassuring. In the case of need, our trained service engineers will be quickly on site. WEINIG maintains a unique closely woven service network worldwide. It is so closely woven that no customer can fall through!



Hydromat 45 – Outmost simple production of large dimensions

The Hydromat 45 is the new Entry Model from the Weinig Group for finger jointed wood, laminated wood, beams and log house manufacturing or any other product in large dimensions. New smart solutions together with the strong and experienced know-how of the Weinig Group guarantee you a machine with which you can produce exceedingly easy and flexible. The robust and sturdy construction of the machine in 4-column design ensures you to achieve the good surface, which you can expect from the Weinig Group, for a long time ahead also in this segment.



Direct driven feed rollers and spindles

The whole machine has direct driven spindles and feed rollers making the machine energy and cost effective.

Memory Plus

Simple and user-friendly operating system for super quick setting of work-piece dimensions from touch screen.

4-column system

The robust and sturdy construction of the machine in 4-column design ensures a steady through-feed and thus best surface quality.



Highlights – Tool system

Two tool systems in one!

All the benefits from normal hydro tools as well as tools with integrated bearings in one and the same system.



Tool changing

When changing tools the complete tool package with the tool, support plate, bearing blocks, complete spindle and front bearings comes as one unit on a telescopic axle completely out of the machine which makes the handling much easier, safer and faster.



Grinding

The used tool can be sharpened in a normal grinding machine for hydro tools. So another special grinding machine is thereby not necessary.



WEINIG service: Very close to customers



- Subsidiaries in all continents of the globe
- Local WEINIG expert who speaks your language
- Mobile team of over 300 service technicians
- Spare parts via the hotline
- Professional advice by specialists via the hotline
- 6 day service
- Individually tailored training program
- Service agreements on request
- International ExpoCenter
- Financing to suit your needs

Customer relations are good. But we have a better word for it: WEINIG service. Supported by people who want to share their enthusiasm for wood with others. And when experts start talking together, a solution is not far away. This is why WEINIG service focuses on dialog with you, on outstanding training and a local support presence. The global WEINIG service network is so densely spread like no other in the sector. For you this means easy communication in your own language and rapid help. Whether by telephone or by a technician on site. We are here for you when you need it. You can order any spare part you need via the hotline for rapid delivery - even old models. You will be advised in detail by a professional WEINIG expert in your country. In our individually tailored training programs you can find out how to exploit the capabilities of your machine to the fullest extent. Our specialists are always open for your production tasks.



For more information, go to
film6.weinig.com

Standards and options

Working height min./max. (value in brackets refers to when chamfering unit is in use)	20(40)/220 mm
Working width min./max. (spindle length 470 mm)	60/450 mm
Chamfering unit	○
Floating vertical spindles	●
Oscillation Horizontal spindles / Vertical spindles	○ / ○
300 mm working height	○
Memory Plus	●
PowerCom Plus	○
Electronic double readouts	●
Radial CNC-controlled adjustment and positioning of left and top spindle	●
CNC-controlled adjustment and positioning of other axes	○
Tool system, normal hydro tool or tool with integrated bearing support	●
Direct driven spindles, horizontal and vertical	●
Spindle speed	6000 rpm
Tool cutting circle horizontal spindles	173 mm
Tool cutting circle vertical spindles	203 mm
Vertical spindles with tool cutting circle 300 mm	○
Straight jointer, horizontal/vertical	○ / ○
Profile jointer, horizontal/vertical	- / ○
Feed speed, frequency controlled	6–36 / 60 m/min
Feed roller diameter	250 mm
Direct driven feed rollers	●
Feeding direction from right to left	●
MarathonCoating F2 for table plates and lineal	●
Max. Motor power on vertical spindles (Standard – Optional)	22–45 kW
Max. Motor power on horizontal spindles (Standard – Optional)	22–45 kW
Sound enclosure cabin	○

Subject to technical alterations. The statements and pictures provided in this brochure also include optional equipment that is not included in standard delivery. Some protective covers were removed for photographing.

● Standard ○ Option



WACO JONSEREDS AB
PO Box 283 / Skackelvägen 1
SE-301 07 Halmstad
Sweden

Phone +46 (0)35 1767 00
Fax +46 (0)35 1767 80
E-mail info@waco.se
Internet www.waco.se