



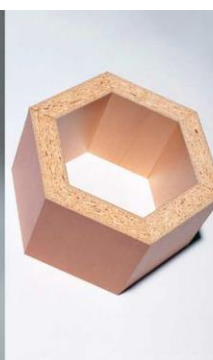
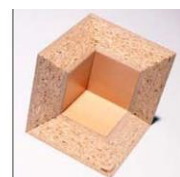
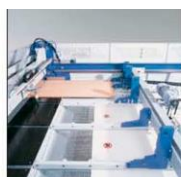
IMA SCHELLING
GROUP

PANHANS – s45 420 | HWS45

Panel sizing saw with automatically tilting saw blade for miter cuts up to 45°

Year of construction: 2005

Machine number: 4232





Scope of supply:

PANHANS panel sizing saw

Type S45 ALL IN ONE

- Weight: 4900 kg
- Machine number: 4232
- max. saw blade projection: 70 mm
- max. package height at 0°: 60 mm
- max. package height at 45°: 38 mm
- max. cutting length: 4200 mm
- max. cutting width: 3200 mm
- Main saw blade – Ø: 350 mm
- Main saw motor: 7,5 kW
- Scoring saw blade – Ø: 180 mm
- Scoring saw motor: 1,5 kW
- Miter cut: 0 – 45 °
- Saw feed motor: 0,75 kW
- Saw feed forward: 0 – 40 m./min.
- Saw feed backward: 40 m./min.
- Cutting height adjustment: 4 steps
- Feeder motor: 0,75 kW
- Feeder forward: 0 – 25 m./min.
- Feeder backward: 40 m./min.
- Clamps: 7 pcs. (65, 245, 395, 985, 1605, 2225, 3465 mm)
- Stop jaws: 1 pcs. (2845 mm)
- Air cushion tables: 3 pcs. (600 x 1800 mm, 1x rigid, 2x moveable)
- Cross alignment stop: 1400 mm
- Strip aligner: up to 1000 mm
- Cutting process with automatic lowering of the saw blade at the end of the panel
- Roller table with 7 support bars with plastic rollers
- Residual cutting device
- Screen control incl. touch screen 15", Windows NT
- Safety guard around the machine
- Safety curtain pneumatically turnable
- Sensor cutting for automatic trimming and cutting to length
- Operating voltage: 400 Volt, 50 Hz
- 1 HM saw blade 350x4,40x30 mm Z=72, FZ/TR with side holes TKR 60 mm
- 1 HM-saw blade 180x4,45x30 mm Z=30, alternate teeth/ chamfered, scoring saw
- Machine color: light gray RAL 7035, violet blue RAL 5000
- Electrical connection 5-pole EN 60 204-1
- <<< CE-version >>>

Machine accuracy

- Positioning accuracy: ± 0,1 mm Measured at the feeder
- Cutting straightness: ± 0,1 mm on 3 m cutting length
- Angular accuracy: ± 0,1 mm on 1 m side length

The cutting accuracy corresponds to the machine accuracy when the materials to be cut are flat and stress-free.

Angle cutting device manual „WSM”

Manual positioning of the angular table with hand wheel including software for automatic calculation and setting of angular degrees, continuous miter adjustment from 0-47 degrees on both sides.



Preparation made by the customer:

To guarantee a proper installation, following items are to be fulfilled by the contracting partner:

- Our contracting partner assures that all necessary local noise protection and safety equipment is available.
- If any kind of safety equipment for securing the SCHELLING machine is provided by the contracting partner this equipment has to be designed according to SCHELLING specifications and must agree with the legal guidelines and standards which are valid at the place of installation.
- The installation site of the machine has to be dry, roofed and enclosed (finished factory building).
- If goods, which have not been supplied by SCHELLING, have to be controlled together with the SCHELLING machine, the contracting partner is responsible for the complete wiring of these goods to the control cabinet of the SCHELLING machine.
- The contracting partner is responsible for the waste disposal on site.
- Our contracting partner assures that the voltage fluctuations of the electric supply are within $\pm 5\%$.
- The ambient temperature of the machine has to be within a range of minimum $+5\text{ °C}$ and maximum $+35\text{ °C}$.
- The compressed air provided by the contracting partner must meet at least the volume recommended by SCHELLING. The working pressure of the compressed air at the machine must be at least 6 bars.
- The dust extraction system to be provided by the contracting partner must meet the performance capacity (extraction volume) recommended by SCHELLING. The air speed must be at least 32 m/s. The extraction system must be equipped with a spark detection system.
- A flap must be built into the suction line at the pressure beam, which can be switched between two positions. One position is "fully open", one position is "between 0 - 50% open". Control voltage 24 VDC.
- Building of all foundations
- The thickness of the concrete has to be at all pre-defined areas at least 200 mm (including cut outs and pits for the lift tables, tracks, etc.). Quality of concrete C20/25 DIN 206-1 (reinforced), suitable for straddling dowels.
- Electric power, compressed air and dust extraction system connections must be provided to the machine.
- Provision of all necessary platforms, stairways and handrails including of all necessary safety equipment. This equipment has to be designed according to SCHELLING specifications and must agree with the legal guidelines and standards which are valid at the place of installation.
- Provision of all necessary material handling equipment such as fork-lift trucks, cranes, etc. necessary for the assembly of machine components. The ultimate load is to clarify with Schelling Anlagenbau GmbH.
- Materials for test runs must be provided in all qualities and dimensions according to the definition in the order confirmation or according agreement.
- Rails to be provided by the contracting partner must correspond to the specifications determined in the foundation drawing of SCHELLING. The rails have to be mounted and casted by the contracting partner under supervision of the SCHELLING engineer.
- The allowable unevenness for the machine assembly space is at max. 1 cm. If the unevenness is larger, the minimum working and construction height of the machine will increase accordingly.
- Integration of the Schelling machine into the customer network to correspond with the remote diagnostic system via Internet access (via network cable, cable layer into the control cabinet).
- WLAN NOT possible
- The customer is bound to parameterize the Firewall that SCHELLING get total access to the SCHELLING saw machine.
- Schelling Anlagenbau GmbH will take no responsibility for damage of goods or loss after arrival of the machine at the customer.
- The customer is in charge for organisation and costs to unload machine. Only in presence of Schelling technician it is allowed to unload machine.
- E.g. foundation, dust extraction system, compressed air is not finished or for interruption of installation or/and start-up, because of fault of the customer, the customer has to carry the additional costs.



Commercial terms:

Delivery terms:

The order confirmation is based on the General Terms of Delivery of the Austrian Machinery and Steel Industry Association. The delivered equipment remains our inalienable property until full payment. Place of delivery and payment is Schwarzach. Arbitration Court Vienna, according to the norms of the Vienna Convention of International Contract Law.

Pricing terms:

The machine price is EXW (Ex Works) according to Incoterms 2018, excl. VAT, including truck - moderate packaging.

Payment terms:

50% 10 days after receiving the order confirmation

50% with receiving of the readiness for delivery, before delivery

All amounts stated in the terms of payment are net amounts. All payments without deduction.

Installation and commissioning:

Assembly, commissioning and training are carried out by Schelling Anlagenbau GmbH.

By the company Schelling Anlagenbau GmbH are provided:

1 technician for the entire duration of the installation and commissioning.

The customer will provide at least 1 qualified cooperater, if possible the future machine operator.

Training:

The training (mechanics and operation) is carried out by our technician during commissioning and is included in the assembly.

It includes the training of maintenance staff and operators.

Training scope BASIC: 8 hours

Warranty:

- For commercial customers, the warranty claim is six months from delivery of the goods to the components we replaced. Liability for material defects is excluded for components which are not replaced by us.
- The customer has to inspect the goods immediately and to report any defects immediately in writing. Otherwise all rights will be expire.
- Defects which are not clearly recognizable even if the factory acceptance test is being carried out, must be made by customers immediately after their recognizability in the same way as in section 2. Otherwise all rights will be expire.
- The machine is tested, maintained and checked for its functionality in our factory. The machine is delivered functionally as seen and approved. No guarantees are given for defects occurring after factory acceptance test.
- The warranty period for the guide tracks of the saw unit and the feeder applies for a duration of 2 years at, as long as the maintenance indications found in the maintenance manual are observed.
- The warranty does not apply in particular to defects, such as are based on the following points:
 - Poor installation by the contracting party or its agent
 - Poor maintenance
 - Bad repairs or alterations by other persons that have been poorly implemented or made without our written permission.
 - Normal wear and tear.

Delays in assembly / commissioning:

If there is a delay during assembly / commissioning, which are the responsibility of the customer, the payments are nevertheless to be made as agreed in the order confirmation.

Typing errors and technical changes after initial delivery of the machine reserved!