

AUTOMATION PACKAGE FOR POWERMAT

Take full advantage of
your moulder!

... and rise to a new
performance category.



The WEINIG automation package offers:

Optimum product quality

- Continuous flow of material
- Low impact transport

Maximum capacity

- Buffering section for continuous feeding of moulder
- Efficient use of moulder feed speed capability

Operator friendly design

- Central control through one operating panel
- Ergonomically designed workplace
- Designed for easy maintenance
- Integrated safety concept

Capacity

Max. feed speed of
moulder 6 - 60 m/min
Max. number of cycles 25 pcs./min

Workpiece dimensions

Length min. - max.
Standard 1,800 - 6,100 mm
Option 1,800 - 9,000 mm
Width min. - max. 50 - 300 mm
Thickness min. - max. 20 - 200 mm



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Highlights

- Frequency-controlled drive for accelerator rollers
- Tool-free central height adjustment of top feed roller and of hold-down elements to workpiece thickness
- Tool-free central width adjustment
- Manual height adjustment of bottom feed roller and idle rollers
- Idle rollers, pneumatically controlled up/ down
- Forward and reverse inching buttons
- Production of multiple workpieces
- Online-linking of accelerator and of outfeed speed with the moulder
- Frequency-controlled roller conveyor
- Options for motorized adjustment in connection with PowerCom Plus at the moulder

The operator places the workpieces on the cross conveyor, the parts are buffered and the accelerator feeds them continuously into the moulder.

Automatic transport of workpieces after the moulder by means of a motor-driven roller conveyor and a pneumatic cross transfer.

Technical details

Infeed automation High Mech E1 XL

Cross conveyor

Working height	900 mm
Conveying length	1,500 mm
Number of chains	5 pcs.
Feed speed	ca. 18 m/min
Drive motor	1.1 kW

Accelerator

Width of feed rollers	50 mm / 100 mm
Diameter of feed rollers	236 mm
Driven feed rollers	
Standard	1 top, 1 bottom
Option	2 top, 2 bottom
Drive motor	3 kW

Outfeed automation High Mech A1 XL

Roller conveyor with push-off device

Working height	900 mm
Push-off devices	5 pcs.
Conveying length	9,250 mm
Drive motor	2.2 kW

Cross transportation

with 5 units, pneumatic

Transverse buffer

Roller bars	5 pcs.
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Product Unit Profiling

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