

Combi Wall System WEK 120



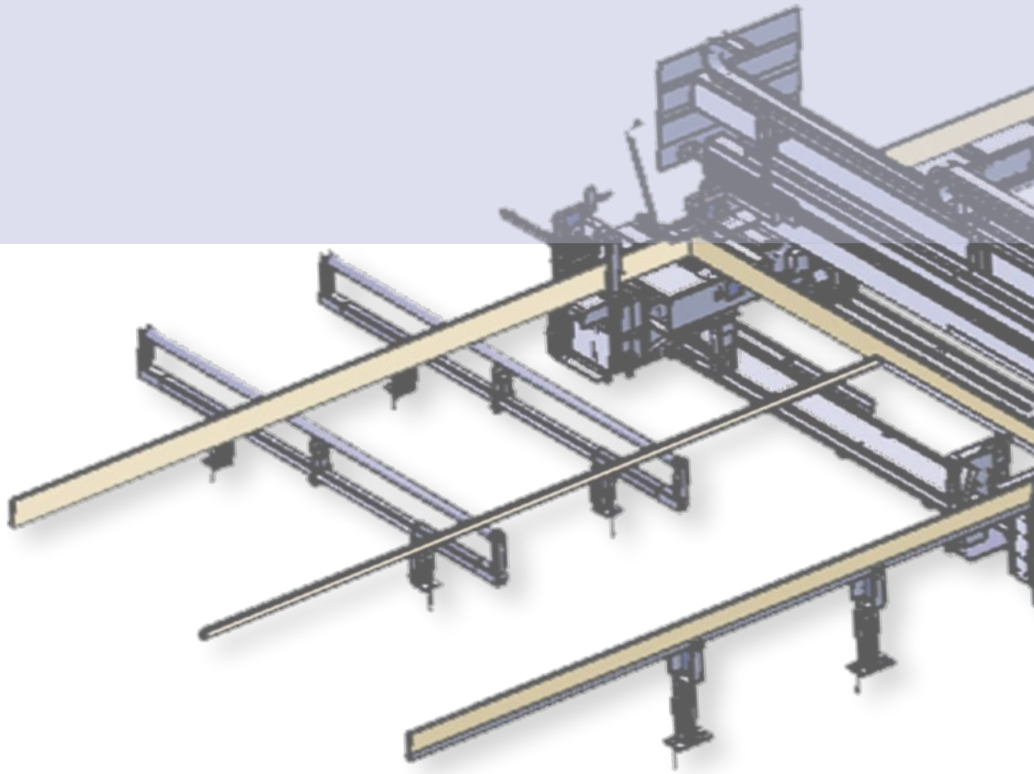
Optimat | profi line | power line



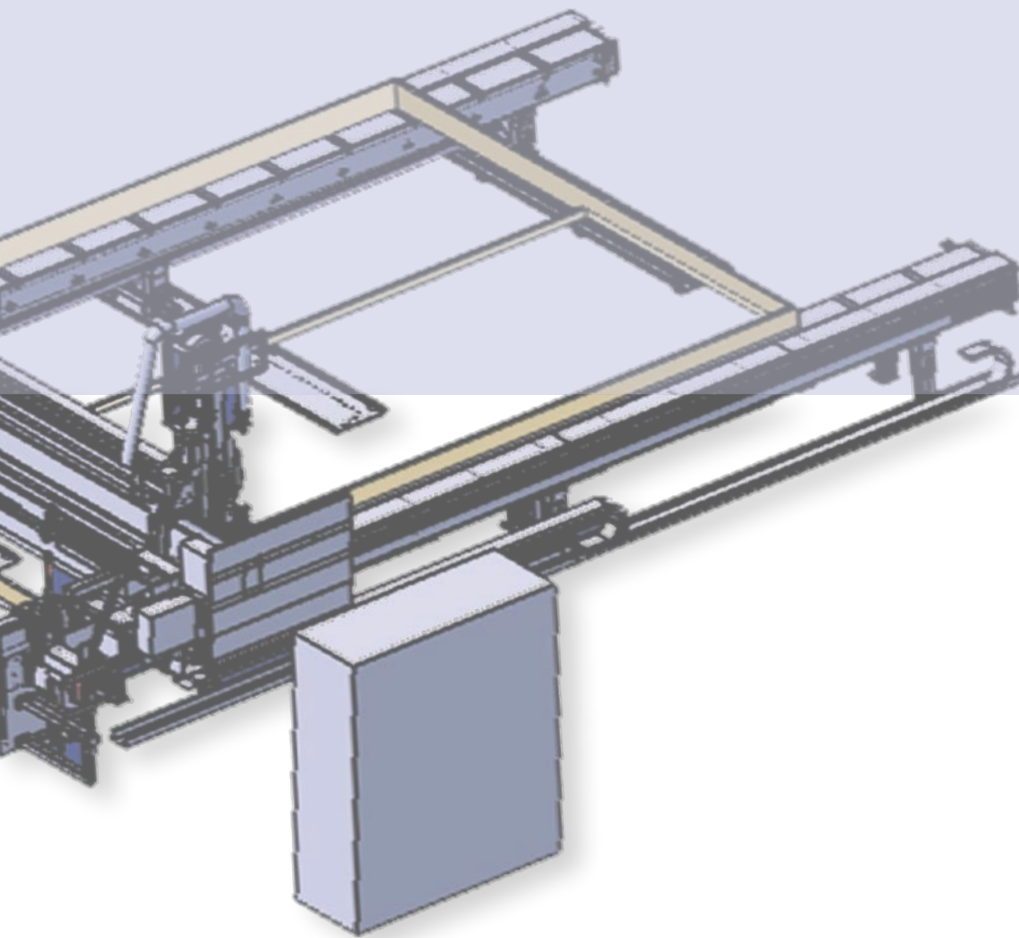
WEK 120 - The combination

Highlight: 1 operator

The WEK 120 is a combination of framing station and multifunction bridge. The frame work assembly and element sheeting takes place at one work station. A system for the production of wall and gable elements using one single machine. Developed especially for small and medium-sized manufacturers of wooden houses with limited factory space. Framework with sheeting one side can be produced at a high level of quality and flexibility by only one operator.



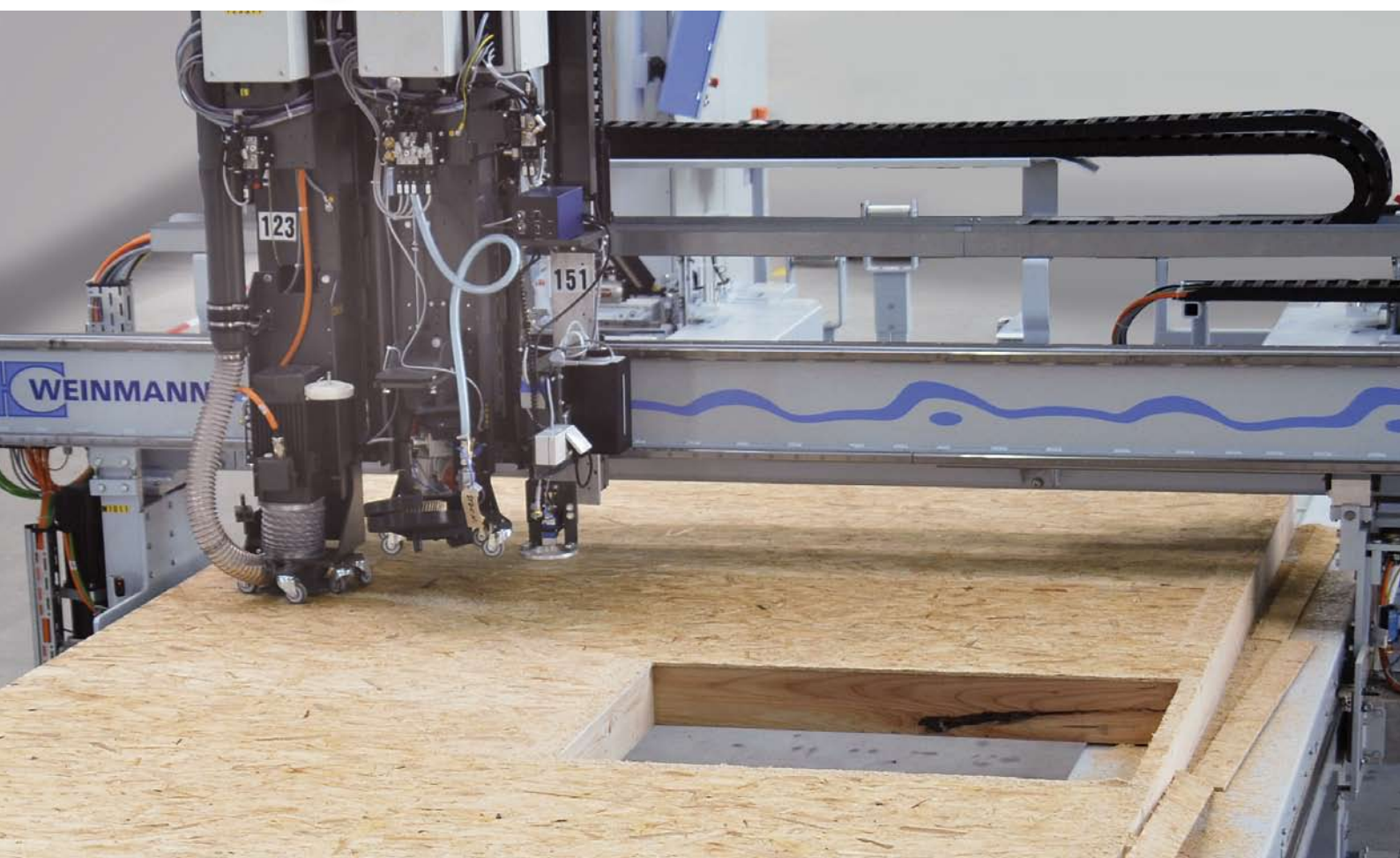
that's its characteristic



Highlight:
**Less space but more
performance**

Function:

The framework is adjusted, clamped and fastened automatically by the well proven Weinmann stop alignment system. The stud positioning is also automatic by means of the CNC-driven outfeed system. The positioning of the sheeting on the rectangular clamped framework is done manually. A CNC-driven multi-function bridge mounted on the outfeed gripper, can automatically travel across the element to fasten the sheeting in a high speed operation.



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Highlight:
automatic width adjustment



Highlight: stud clamping system with
CNC - movement of nail guns for different
nailing patterns



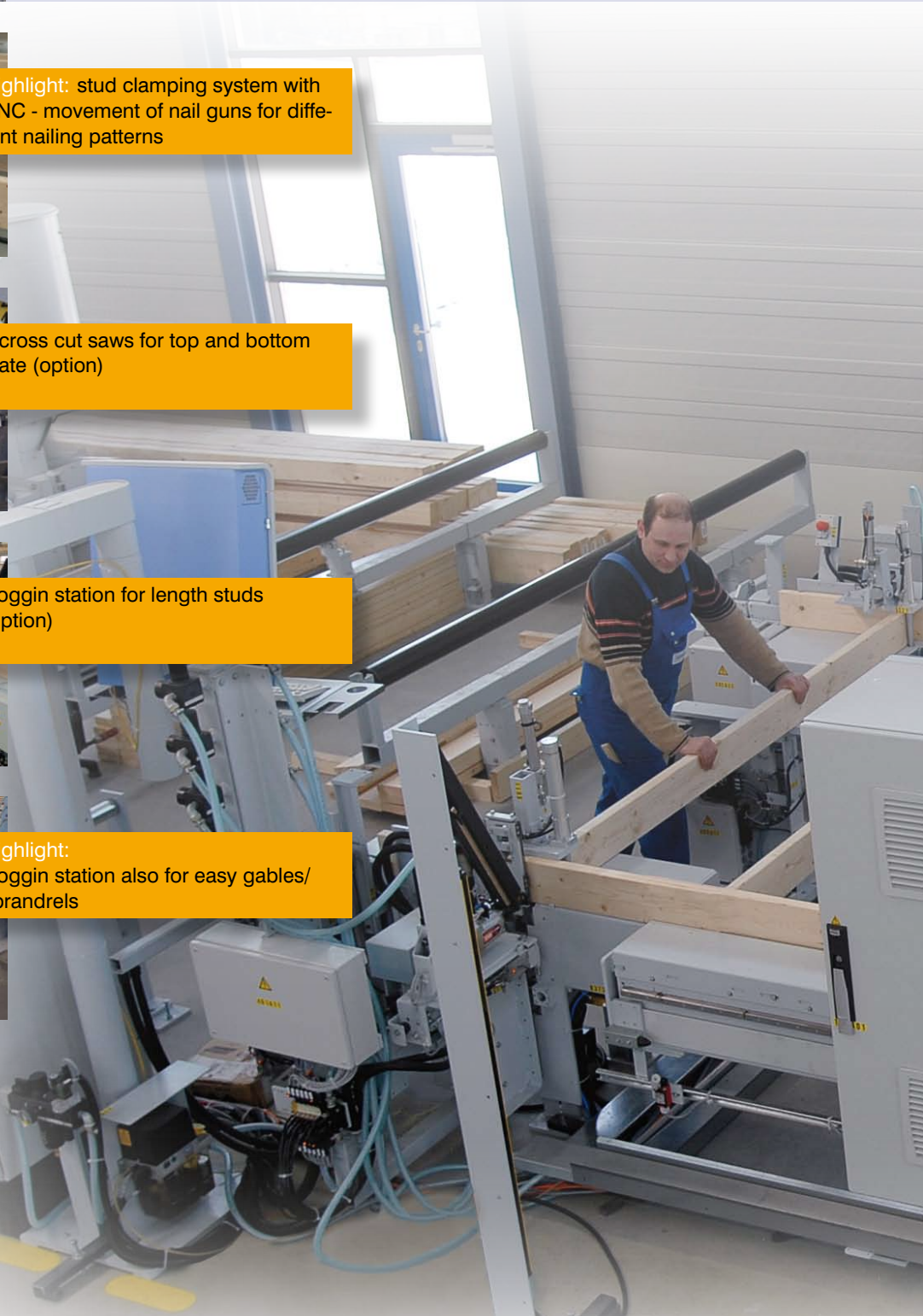
2 cross cut saws for top and bottom
plate (option)



Noggin station for length studs
(option)



Highlight:
Noggin station also for easy gables/
sprandrels



10 jobs = 1 machine

Highlight:
fully automated squaring of panels



Nailing/stapling of sheeting



Window, door and socket routing as well as trimming of sheeting (option)



Highlight:
Ink-Jet unit for marking (option)



Automated outfeed of panels (option)

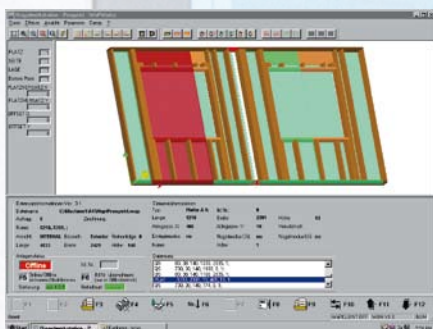


Software / Service



The new software generation with new Power control

The great advantage of our new software, running under Windows, is not only simple operation, but also it provides a common interface across all Weinmann machines. This minimises time consuming training and familiarisation, particularly when your system is expanded and complemented by further Weinmann machines.



The Power Control with an online connection and integrated remote diagnosis (contact plan and diagnosis by telephone) are important and efficient features. They save the customer having to pay the technician's costly travel expenses. Of course, it is also possible to run the machine by CAD/CAM link.

The following software programs are included as standard in the scope of the Power Control:

- Wup-Works
- Wup-View
- Wood-Scout I
- Schuler MDE Basic

Wood-Scout I (Optional II)

Wood-Scout is a multimedia diagnosis system for display of faults and machine status. This allows systematic troubleshooting and reduces machine breakdowns.

Wood-Scout II provides the possibility to save data (e.g. to a specific fault) with your own comments. If the same fault happens again this comment pops up automatically. The integrated machine documentation opens automatically at the right position showing how to eliminate the fault.

All these software systems are very user-friendly - you may eliminate many faults on your own without needing the help of our service team.

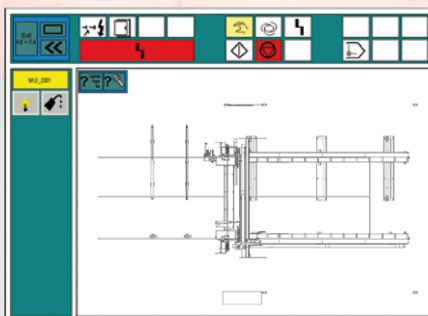


MDE

Schuler MDE Basic + Professional (Option). With the machine data entry you can save important data and use for yourself the relevant information. The following data can be analysed:

- Process times of machine
- User degree and cycle time
- Production quantities
- Error times & error reason
- Actual service condition
- Necessary service requirements

This way Schuler MDE Professional makes your production transparent and helps you, to cover up gaps and weak positions in the production. Schuler MDE basic is installed for free on every machine as a standard software.



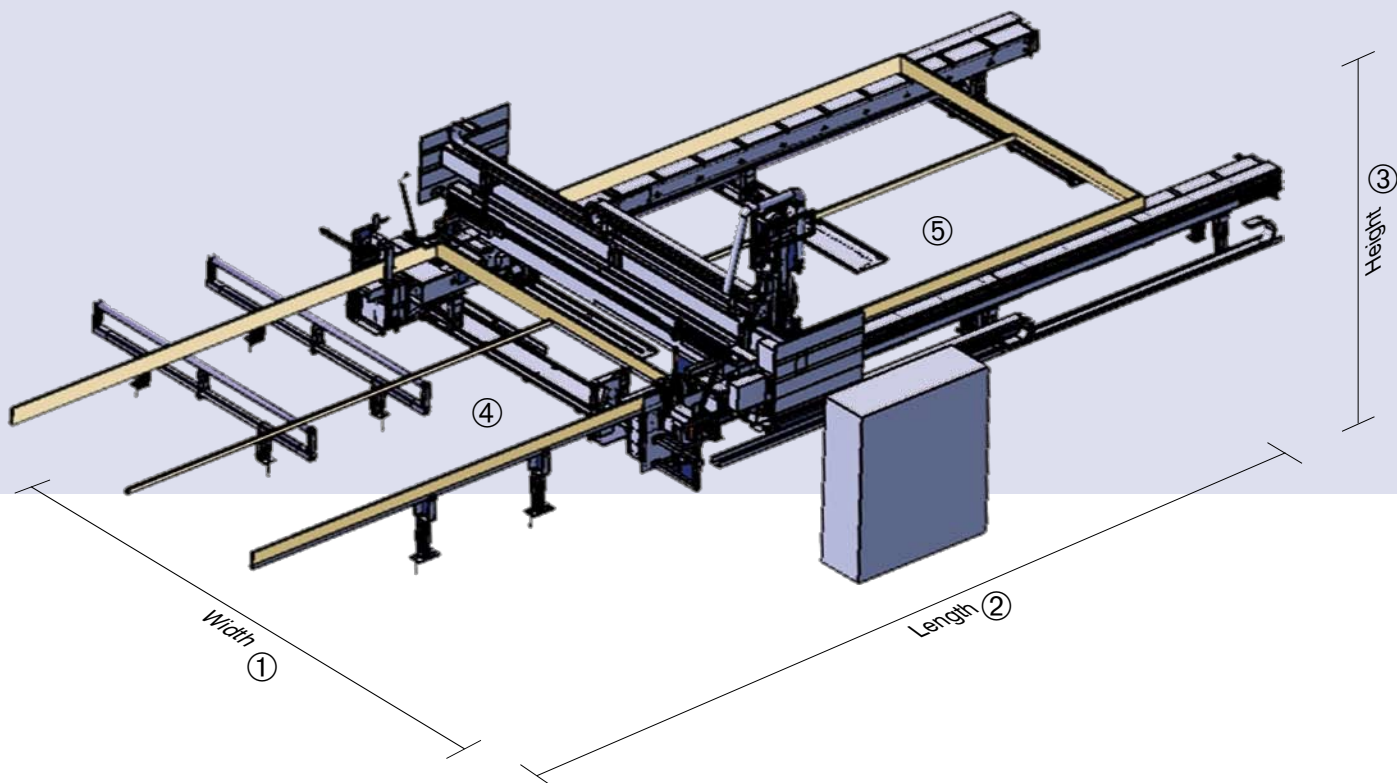
Service



Efficient remote diagnosis

Possible causes for faults are detected, isolated and in most cases eliminated at once by the time and cost saving remote diagnosis of our service center.

Technical data



Machine dimensions		WEK 120	
Width in mm	①	6 900	7 500
Length in mm	②	16 000 / 20 000 / 24 000 / 28 000	
Height in mm	③	3200	
Weight in t		3,0	

Product dimensions	WEK 120	
	Standard	Option
Wall height in mm	1200 - 3200	3800
Wall length in mm	6 000 / 8 000 / 10 000 / 12 000	
Frame work width in mm	75 - 200	300
Timber thickness in mm	35 - 80	-
Performance	0,5 - 1,0 m/min	
Width of the element in mm	max. 250	max. 350

Machine equipment	WEK 120
Safety	extensive safety concept per CE-Norm with safety light barrier, safety fence.
Control	Power Control PC 85
Software	
Wup-Works	for files transfer of a CAD-System e.g. Sema, HSB, CAD-Work, Dietrichs, Bocad, Keymark, S+S, Mitek, Eleco, Sitestream etc.
Wup-View	for visualization of data files
Wood-Scout I	the multimedia - based diagnostic system - faults displayed in words
Wood-Scout II (optional)	the multimedia - based diagnostic system - faults displayed in pictures (Possibility of adding own comments)
Schuler MDE Basic	for automated data entry and analysis of operating data
Wup Edit (optional)	for processing and simple changes of data files
Wup Client (optional)	for communication between production control system and machine (Server/client)

Working options	WEK 120	
	Frame work assembly ④	Element sheeting ⑤
Fastening	yes	yes
Nailing (NC axes)	yes	yes
Sawing	option	option
Routing	-	option
Marking	-	option

Connected loads	WEK 120
Power supply	18 kW
Compressed air consumption per aggregate	1500 NI/min
Pneumatic pressure	8 bar
Customized aggregates (Fastening tools are not part of our supply)	Bea, Duofast, Haubold, Max, Paslode, Senco, etc. (Fastening tools are not part of our supply)



WEK 120 · E 01/02.09 · Subject to technical modifications

A company of the Homag Group



Weinmann
Holzbausystemtechnik GmbH
Forchenstraße 50
D-72813 St. Johann-Lonsingen
Phone + 49 (0) 71 22 / 82 94-0
Fax + 49 (0) 71 22 / 82 94 66
E-mail info@weinmann-partner.de
www.weinmann-partner.de