

The economical way to produce perfect edges

The Ambition models are preconfigured with different units for economical, optimum quality production. The performance and functional scope of this machine series have been tailored to the needs of woodworking shops and medium-sized producers. The basic version of the machines covers a wide range of different applications. As well as offering scope for automation, they are trimmed for environmentally friendly operation with ecoPlus.

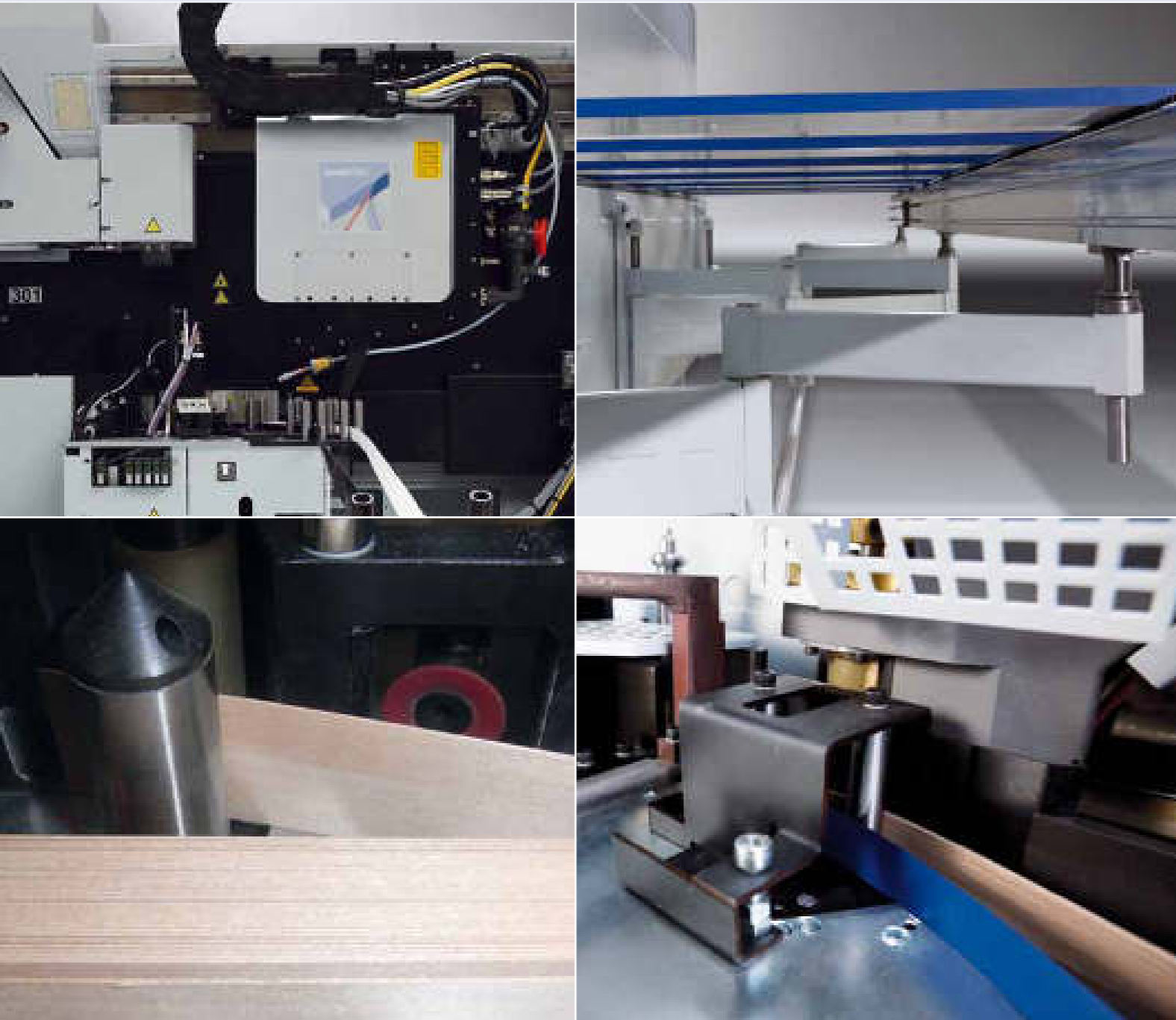


**Choose the Original
Choose Success!**

For the Success of Original Technology
A VDMA campaign

www.HOMAG.de EN/DEI 09/2012

Edge banding machines Ambition 2200



Member of the HOMAG Group



HOMAG Holzbearbeitungssysteme GmbH
Homagstraße 3-5
72296 SCHOPFLOCH
GERMANY
Tel. +49 7443 13-0
Fax +49 7443 13-2300
info@homag.de
www.homag.com

Economy for high aspirations

Perfect edges for discerning customers – manufactured using HOMAG machines

Individual customer needs and preferences, sophisticated products and a wide range of materials – all factors which play a major role in today's woodworking industry. Here, production flexibility and efficiency are key – particularly for woodworking shops and medium-sized enterprises. HOMAG offers unbeatable benefits and has a presence on the ground in over 80 countries around the world. This is the way forward to create a sharp competitive edge and security for your business in the long term.



0.4 mm melamine



2 mm ABS, PVC, PP



20 mm solid strips



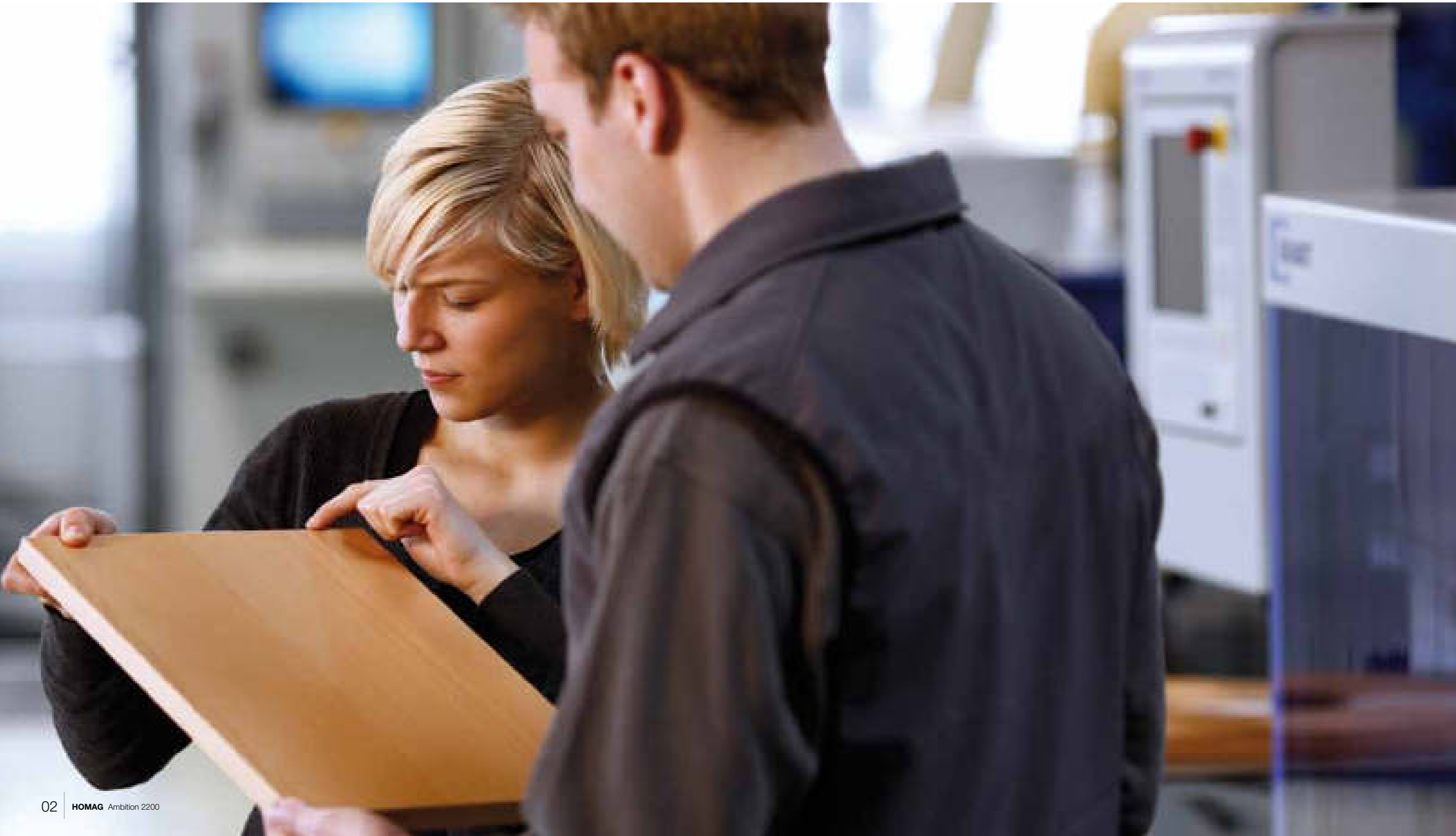
Veneer

For more information, go to:

www.homag.com

www.youtube.com/homaggroup

For us, you and your products are the number one priority. A promise you can count on!



Content

- 02 Perfect edges for discerning customers –
manufactured using HOMAG machines
- 04 Ambition series – all inclusive as standard:
The most important features of the models
- 06 Our range of modular units – always up to date
- 07 Units – preparation for top-quality gluing
- 08 Gluing units – reliable hot melt glue application
- 10 Snipping units – the perfect preparation for
trimming
- 11 Shaping up your edges – trimming units for flush
and profile trimming
- 12 Profile trimming – for rounded edges
- 13 Finish – all's well that ends well
- 14 Units to suit your individual needs
- 15 Units on the free space
- 16 Additional equipment
- 18 Automation packages
- 20 Easy operation and control simplify the work
process at the machine
- 21 You invest, we reduce:
Life cycle cost management and ecoPlus
- 22 Technical data Ambition 2220, 2240, 2250
- 24 Technical data Ambition 2260, 2262, 2264
- 26 Technical data Ambition 2270, 2272, 2274
- 28 An overview of Ambition models

Ambition series – all inclusive as standard: The most important features of the models

A uniform equipment standard has been created for the Ambition series: Belt-type top pressure beam guide made of steel for precise workpiece guidance, all tools with I-system for optimum chip disposal and processing quality, variable feed rate of 18–25 m/min for high productivity. All the machines of the Ambition series offer scope for automation, are energy-saving and environmentally friendly.

Your benefit

- High-grade furniture with high edge quality
- Enormous flexibility through capacity to process all types of material
- More output through high level of availability due to durable construction and easy-maintenance machine structure
- Ergonomically arranged control functions
- Use of I-tools designed to minimize flying chips or with internal extraction for improved chip capture and reduced extraction speed
- Minimized extraction requirement
- Low energy requirement
- Long service life of tools and motors as well as improved processing quality through HSK interfaces for edge trimming units, as the tools have a backlash-free connection to processing motors
- Outstanding economy
- Optimum cost-to-performance ratio

HOMAG edge banding machines can be used for different workpiece materials.

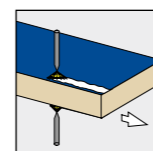
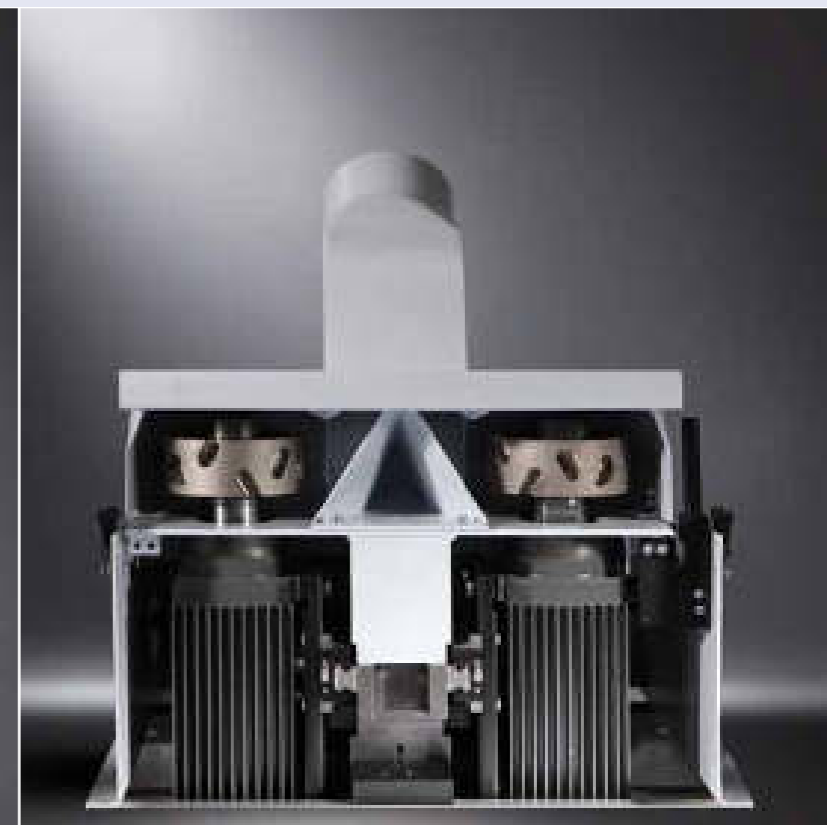


Our range of modular units – always up to date

For wide-ranging different processing tasks, we use units from our tried and tested modular range. By continuously extending the offered functions, we ensure that you have the right solution available to cope with changing trends.

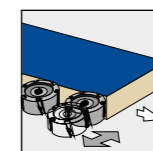
Units – preparation for top-quality gluing

The separating agent spraying unit and the jointing trimming unit ensure optimum preparation of your workpieces for gluing. The sprayed separating agent application simplifies the removal of glue residues. The jointing trimming unit provides the perfect basis for splinter-free glue joints with a consistently high standard of product quality.



Separating agent spraying unit

Prevents the adhesion of hot melt glue residues on the top and bottom of workpieces, so creating optimum workpiece quality.



Jointing trimming

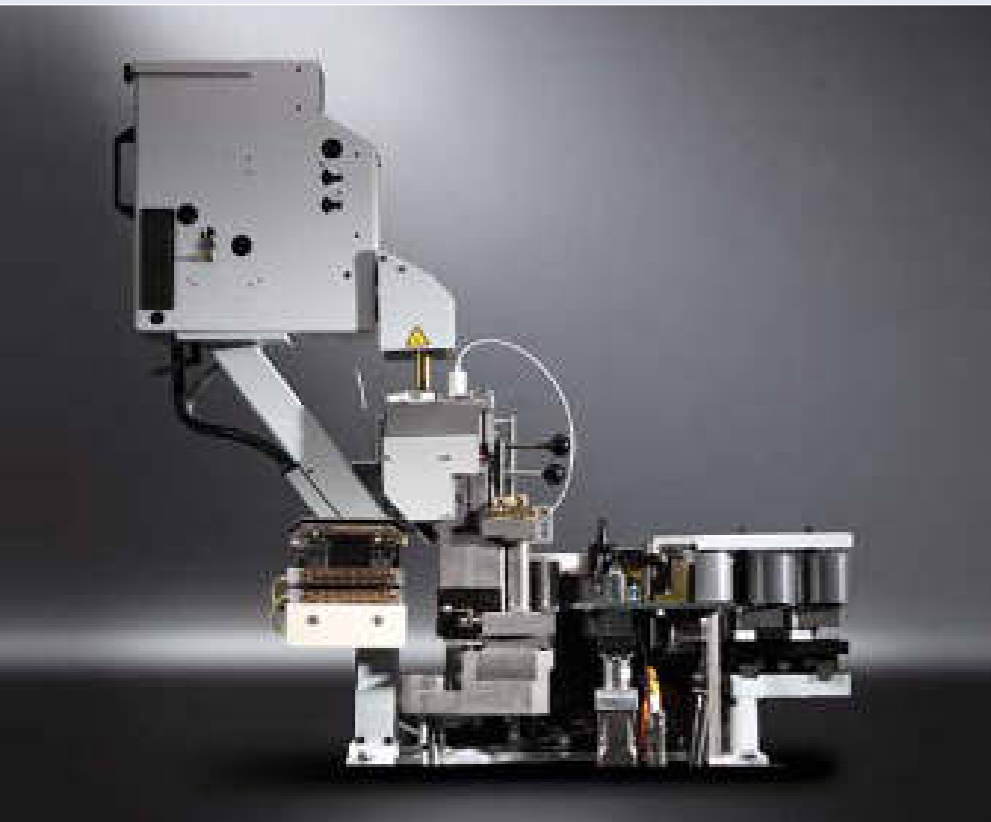
This unit permits a high level of processing precision, is extremely hardwearing and is also designed to ensure an above-average service life. The diameter of the low-noise flying chip-optimized tool (I-system) is 125 mm.

Gluing units – reliable hot melt glue application

HOMAG gluing units are ideal for a fast, positive-locking glue bond. The standard gluing unit uses the pre melt system. The heated glue roller ensures an optimum gluing temperature. The magazine height adjustment permits different edge heights to be processed with a consistent workpiece thickness.

Your benefits at a glance

- Optimum glue application on the narrow surface
- Changes to workpiece thicknesses do not necessitate resetting of the glue application roller
- Magazine with 2 rollers for the fast, trouble free changeover of edges even with single edge feed
- Glue roller lift-off on feed stop
- Easy-access granulate tank and level control
- Pre-melter for melting hot-melt glue as required either manually or automatically
- Sensor for application unit level control
- Glue roller with integrated heating guarantees constant temperature and viscosity for all workpiece thicknesses
- Electropneumatic glue roller and tank clamping prevents glue soiling on the trailing edge of the workpiece
- Individual drive for glue roller and first pressure roller synchronized with feed
- Guide pad prevents application roller wear
- Simple quick-release removal of application unit (depending on the model)
- Easy access to all functions from the front simplifies operation and maintenance
- Sensor for edge monitoring prevents hot-melt glue application on the workpiece where there is no edge present. This prevents contamination of the pressure rollers
- Gluing section A6 and A20
For solid wood edges: Manual height adjustment of the magazine
- **laserTec** retrofitable



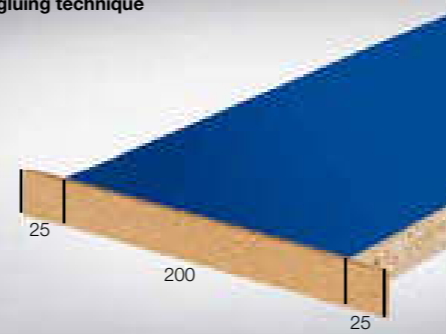
Hot-melt gluing unit A1

For processing coil material from 0.3–1 mm.

Hot-melt gluing unit A3

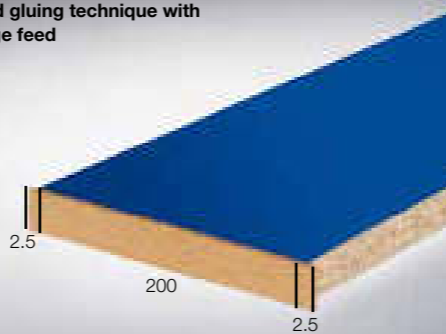
For processing coil material from 0.3–3 mm.

Previous gluing technique



Dimensions in mm

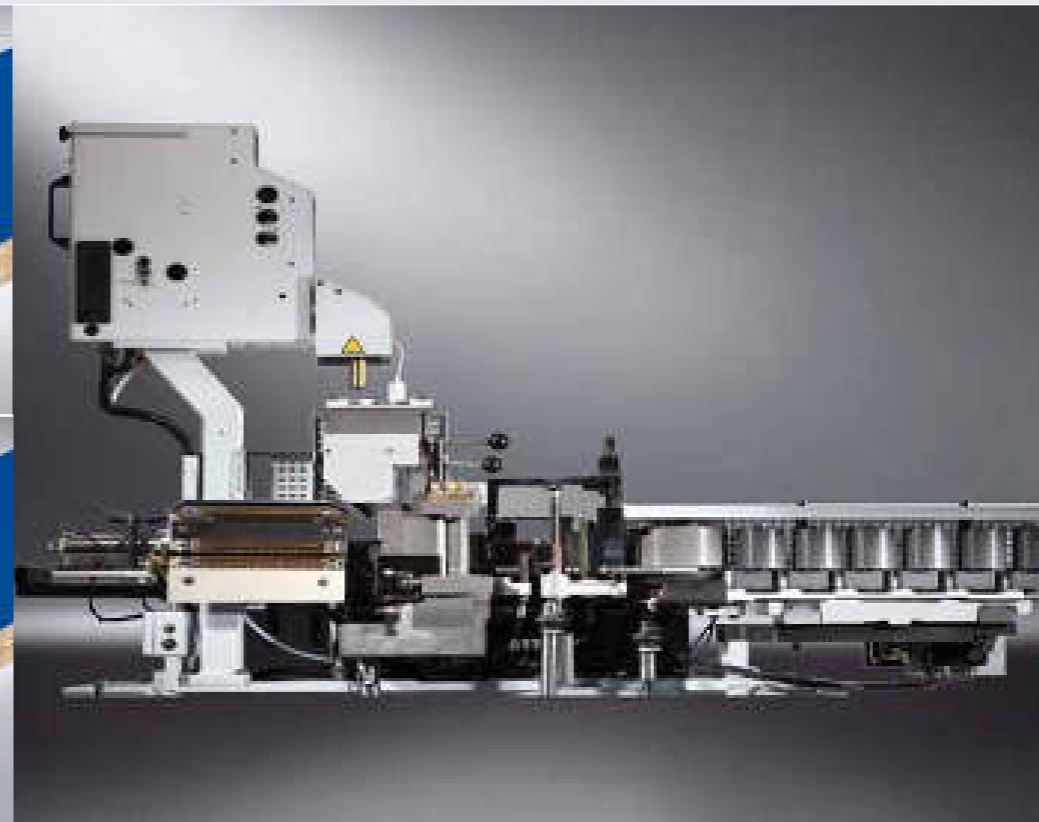
Optimized gluing technique with servo edge feed



Dimensions in mm

Servo edge feed

Edge feed with a precision of +/- 2–3 mm at the leading and trailing edge to reduce edging material waste.



Hot-melt gluing unit A6

For processing coil material from 0.3–3 mm and solid timber strips of up to 6 mm.

Hot-melt gluing unit A20

For processing coil material from 0.3–3 mm and solid timber strips of up to 20 mm.

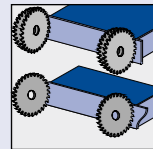


Magazine height adjustment

For processing coil material from 0.3–3 mm and solid timber strips of up to 20 mm. Different edge thicknesses can be processed with a single edge height.

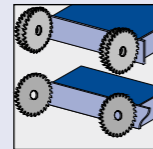
Snipping units – the perfect preparation for trimming

The snipping units prepare the workpieces perfectly for the subsequent trimming operation. The face side can be snipped either straight or with chamfer.



Snipping unit HL81

For a clean snipping cut of overhanging edges on leading and trailing workpiece edges using the drawing cut technique.

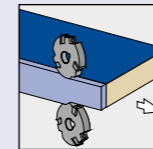


Snipping unit HL84

For snipping the edge overhang at the leading and trailing workpiece edge with stationary snipping stop to protect sensitive workpieces from damage. Drawing snipping cut for optimum snipping saw cutting quality. The minimum gap between workpieces is 400 mm.

Shaping up your edges – trimming units for flush and profile trimming

From rough trimming prior to flush trimming to four-motor profile trimming for corner rounding, HOMAG has precisely the right solution to offer for processing overhanging edges. The trimming units are equipped exclusively with I-tools. This and the HOMAG-patented HSK interface ensure a high standard of processing quality and a long tool life.



Rough trimming unit

For rough trimming the upper and lower edge overhang.

Automation to suit every need

For automatic changeover from flush trimming to trimming with edge overhang.



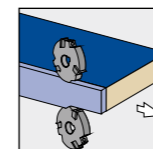
Automation as standard

Programmable chamfer/straight snipping motor adjustment for fast changeover between straight snipping and snipping with chamfer.



Automation to suit every need

For fast changeover between flush snipping (e.g. of solid strips or inlay shelves) and snipping with overhang (e.g. for finish trimming with profile trimming unit).

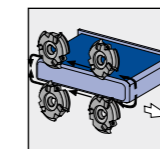


Fine trimming unit

For trimming chamfers and radii with manual adjustment.

Automation to suit every need

Chamfer/radius adjustment for fast changeover from for instance 0.4 mm to 2 mm edges.



Profile trimming unit FF32

For rounding top and bottom edges on the leading and trailing workpiece edges. By dividing the cut over four motors, each corner can be processed in synchronous rotation. This lends corners a perfect trimmed finish for every edging type – even with veneer.

Automation to suit every need

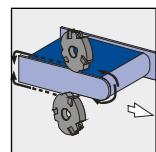
Chamfer/radius adjustment for fast changeover from for instance 0.4 mm to 2 mm edges.

Profile trimming – for rounded edges

HOMAG profile trimming units are universal. As a user, your job is to program any profile that takes your fancy: Then stand back and watch the extreme speed and precision of the expert execution. The efficient mode of operation results in higher productivity. Our dual-motor profile trimming units permit both corner rounding and trimming of upper and lower overhanging edges.

Finish – all's well that ends well

The quality of your products is increased by the use of perfectly coordinated finishing units. Leave the finish to HOMAG.

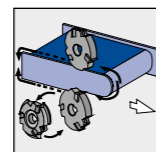


Profile trimming unit FK11

For processing overhanging edges and trimming around the leading and trailing edge.

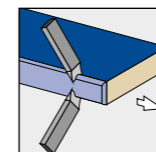
Automation to suit every need

Chamfer/radius adjustment for fast changeover from for instance 0.4 mm to 2 mm edges.



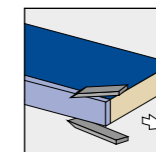
Profile trimming unit FK13

For processing overhanging edges and trimming around the leading and trailing edge. With 8-slot tool changer for automatic changeover to different profiles. The HSK interface ensures the optimum trimming quality.



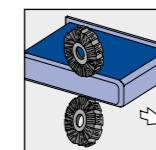
Profile scraper blade PN10

For smoothing trimmed edges to achieve an optimum appearance.



Finish processing

Comprising a glue joint scraper blade for disposal of glue residues at the top and bottom of plastic edges and a buffing unit.

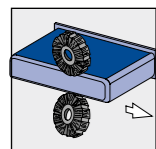


Units to suit your individual needs

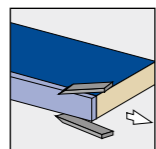
To address the most stringent demands, HOMAG has developed units which eliminate the need for manual finish processing. The edges of your workpieces are automatically cleaned and finish processed. In keeping with your specific requirements, we will recommend the most suitable finishing equipment solution.

Units on the free space

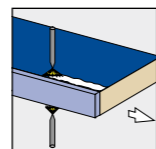
Depending on the Ambition model, a free space is available for individual equipment. The choice is yours between the grooving trimming unit, belt sanding unit or a multi-scraper blade.



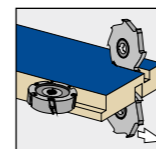
Buffing unit FA06
top and bottom
For gripping edges.



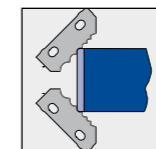
Finish processing unit FA10
Comprising a glue joint scraper blade for disposal of glue residues at the top and bottom of plastic edges.



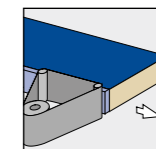
Cleaning agent application
Spray unit for application of cleaning agent to the workpiece above and below. Mounting upstream from the buffing unit.



Universal trimming unit UF10
For grooving, rebate trimming and profiling.



Multi scraping blade MN21
For smoothing trimmed edges for an optimum appearance. Optimum resetting for different profiles, corrections to a pinpoint standard of accuracy. Reproducible quality to the highest standard.



Belt sanding unit KS10
For sanding straight veneered and solid edges including oscillation as a standard feature.

Additional equipment

For every Ambition model, we offer ideal supplementary equipment options to upgrade the existing equipment outfit for your specific needs.

Increase of workpiece thickness to 60 mm

By raising the height of the units.
With jointing trimming: I-DIA jointing trimming unit 63 mm.

I-DIA jointing trimming unit WD 63

For workpiece thicknesses of 60 mm with tool diameter 125 mm.

PU melting unit

For melting 2 kg drums of PU. Melting output 6 kg/h.
No nitrogen gassing required.

Exchange device FF32

For exchanging the complete assembly (tool with motor and motor retainer) instead of the tool. Configurations: Manually and automatically adjustable.

Tight roller distance

Optimal workpiece guidance in the area of the profile trimming unit for workpiece length < 240 mm.

I-system DIA-radius/chamfer trimming unit

R = 1.5–3 mm, chamfer 15°.



Quick-release clamping system

Fast toolless exchange of the application unit. Simple exchange, e. g. between different hot-melt glue colors. No separate exchange of tank and glue roller required.

QA glue tank front section for exchanging

For fast exchange between different types of hot melt glue.

QA glue tank front section to be exchanged for PU application

Teflon coated.

Exchange head set for FK11 and FK13

Fast, precise changeover of the exchange head for FK11 and FK13. Different lateral tracing configurations: Non-adjustable, manually and automatically adjustable.

Quick-change head set PN10

Fast profile change without adjustment work. Configurations:

- R = 1.5 mm
- R = 2 mm
- R = 2.5 mm
- R = 3 mm

Increased cooling output > 40° C

To protect the electronic system at ambient temperatures of over 40° C. Ensures reliable, trouble-free production even in extreme climate conditions.

Pre-installation of the LIGMATECH return conveyor

Boomerang return conveyor for the models: ZHR 01, ZHR 02, ZHR 05, ZHR 500.

Automation packages

The Ambition 2200 automation packages will help you achieve higher productivity due to substantially faster resetting. All axis adjustment processes are performed by means of servo axes. Adjustment is program controlled for optimum precision and repeat accuracy.

Your benefits at a glance

- Program controlled adjustment for optimum precision and repeat accuracy
- Faster resetting
- Increased productivity
- All axis adjustments are executed by controlled servo axes for high-precision programmed adjustments

Programmable adjustment of the flush/overhang snipping motor

For fast changeover between flush snipping (e.g. of solid strips or inlay shelves) and snipping with overhang (e.g. for finish trimming with profile trimming unit).

Automatic adjustment of the flush/overhang rough trimming unit

For automatic changeover from flush trimming to trimming with edge overhang.

Automatic adjustment of the infeed fence

Program controlled adjustment of servo axis for optimum precision and repeat accuracy.

Remote control

This allows the feed system to be started while the operator is standing by the unit during setting work.

Automatic adjustment of the pressure zone

Programmed adjustment via servo axis in line with the relevant edge thickness.



Automatic adjustment to different chamfer thicknesses

Profile trimming FK11 and FK13.

Automatic adjustment of chamfer and radius

Profile trimming FF32, FK11 and FK13.

Pneumatic adjustment for PN10/finish processing unit

Automatic cut-in and cut-out from the work area.

Multi scraping blade MN21

Changeover between different profiles, e.g. chamfer 20°, R2 and R3.

- Servo axes for programmed horizontal and vertical adjustment
- Workpiece scanning from above or the side for precise edge profiling

Easy operation and control simplify the work process at the machine

You cannot afford to spend weeks trawling through the operating instructions to ensure optimum machine utilization. This is why we design HOMAG machines to make simple operation and reliable control a matter of course. In the HOMAG Ambition series, for instance, manual intervention in the machine's control system has been reduced to a minimum.

You invest, we reduce: Life cycle cost management and ecoPlus

It is not the investment costs which decide the economic success of your production, but the capacity utilization and unit costs. This is why our primary objective is to combine top class production with higher productivity and consequently lower unit costs. With the new ecoPlus technology package from the HOMAG Group, you will also be helping to conserve precious energy, time, material and personnel resources.

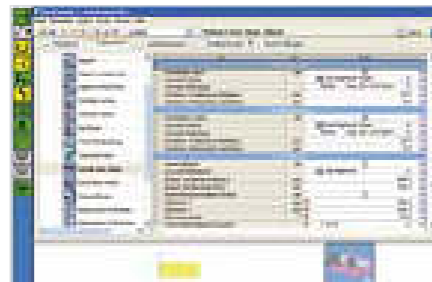
Control with powerControl PC22

- User-friendly menu prompting using the Windows standard
- Large 19" touchscreen for maximum operating convenience
- Easily understandable plain text messages in the local language
- USB port



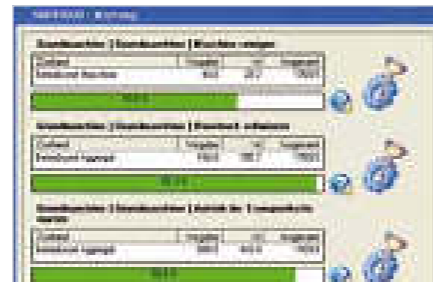
Programming with woodCommander

The programming system for all HOMAG throughfeed machines. Extreme user convenience due to input screens with graphic support – for simple navigation and menu prompting.



Evaluation with MMR Basic

The MMR – Machine Monitoring and Reporting software evaluates the productivity of your machine. The number of produced workpieces, machine deployment time and running meters of edging are all logged. The utilization-dependent maintenance instructions ensure optimum execution of maintenance work.



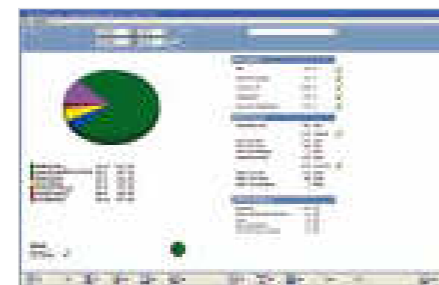
Support via TeleServiceNet Soft

High-speed service and help provided by targeted troubleshooting and support over the Internet.



Option: Diagnostic system woodScout

Alongside error messages in plain text, woodScout also provides a graphic representation of the error location. In addition to the system's expert knowledge database, users can store their own troubleshooting solutions.



Option: MMR Professional

The MMR Basic upgrade additionally evaluates shifts, analyzes error messages and permits a link to be created to the data evaluation center in the office. You are provided with productivity key indicators, support in problem analysis and an overview of optimization potential.



Optimum financing

- HOMAG Finance offers optimized financing concepts based on individual business administration requirements
- The outstanding value stability of HOMAG machines offers benefits in terms of leasing and subsequent replacement investment

High level of processing quality „without“ finish processing

- Perfectly coordinated machine configuration

Reduced unit labor costs

- Fast, simple operating capability of machines
- Simple resetting processes

Preventive maintenance

- MMR software provides the machine operator with an indication of required maintenance
- Regular inspections and preventive maintenance help avoid faults and prolong the service life
- Support through the worldwide HOMAG service organization which draws on over 500 technicians

High degree of machine availability

- Worldwide servicing minimizes downtime
- TeleServiceNet – our "eye" into the machine avoids costly on-site services
- woodScout diagnostic software – intelligent self-help for all machine operators

Machine utilization period

- Continuous expansion of functionality ensures compliance of the machines with the requirements of tomorrow
- The HOMAG conversion department offers solutions to address major conversion requirements, ensuring a high degree of investment security over years

Minimal energy costs with ecoPlus*

- Intelligent stand-by operation reduces energy costs during break periods by up to 90 %
- A valve control system switches the extraction on only for units which are actually operational. This reduces extraction costs by up to 20 %
- I-tools reduce the necessary extraction speed per individual I-tool. Current consumption per machine is reduced in this way by around 1 250 kWh. This does not take into account savings due to room air which requires no extraction (heating/air conditioning)
- The PC22 control switch cabinet is cooled using cool plate technology. This passive cooling system requires no energy. No filters require changing and maintenance costs are saved. The system also remains closed. No dust is able to penetrate

- All drive systems comply with energy efficiency category IE2
- Optional measurement and visualization of current consumption data from compressed air extraction and flow to optimization of overall energy consumption

Material savings with ecoPlus

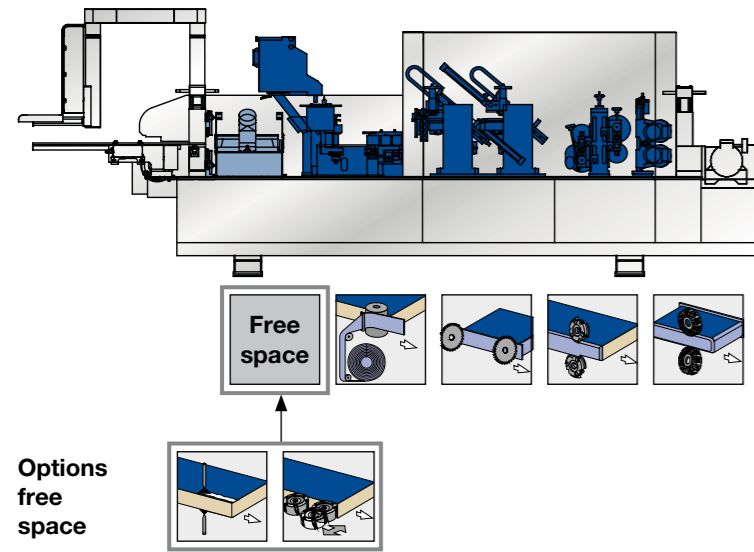
- Servo edge feed systems cut material consumption by reducing the edging used per workpiece and are kind to the environment



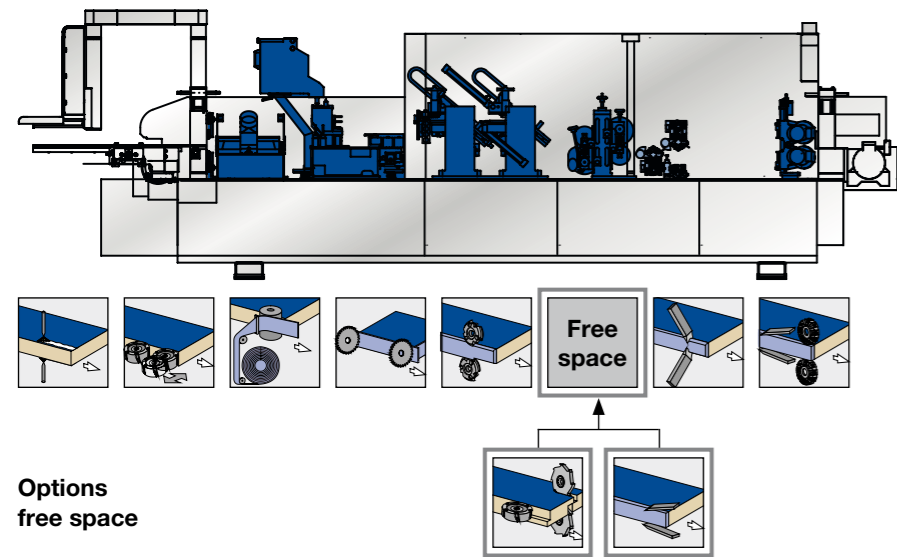
* Depending on equipment configuration, service period and workpiece spectrum.

Technical data Ambition 2220, 2240, 2250

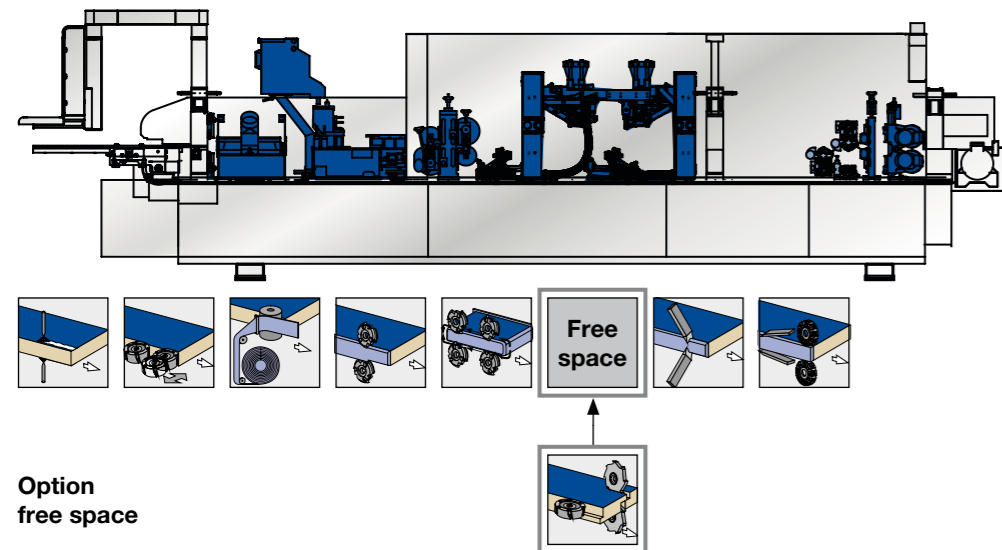
Ambition 2220



Ambition 2240



Ambition 2250

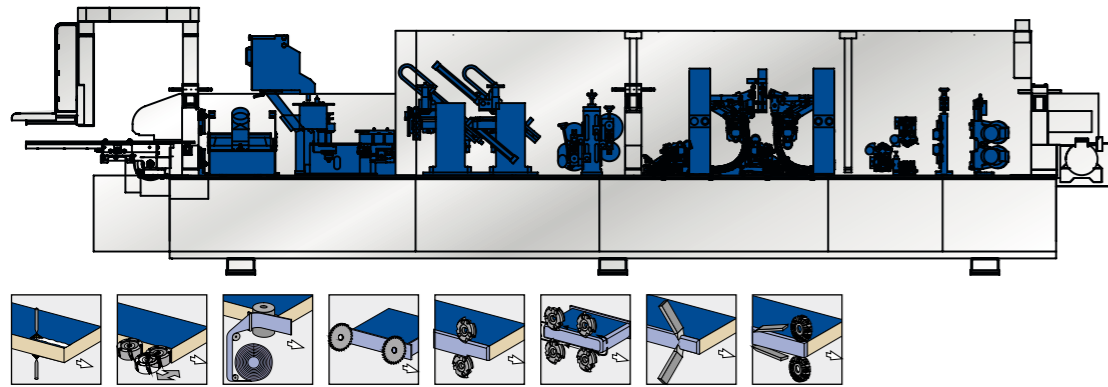


	Ambition 2220	Ambition 2240	Ambition 2250
	Machine dimensions		
Overall length [mm]	5 130	6 130	6 880
Overall width closed [mm] / open [mm]		910 / 1 540	
Overall height closed [mm] / open [mm]		1 820 / 2 250	
Working height [mm]		950	
	Working dimensions		
Workpiece width [mm] with workpiece thickness 12–22 mm		min. 60 dependent on workpiece length	
Workpiece width [mm] with workpiece thickness 23–40 mm		min. 105 dependent on workpiece length	
Workpiece thickness [mm]		min. 12–40 (opt. 8–60)	
Edge thickness, coils [mm]	0.3–1		0.3–3
Edge thickness, strips [mm]		–	
Workpiece overhang fixed [mm]		30	
Edge cross-section [mm ²] – Solid strips – Coils	– 135	– 135	– 135
	Miscellaneous		
Adjustable feed [m/min]		18–25	18–25 (opt. 32)
Connected load [kW]	19	26	28
Total suction output appr. [m ³ /h]	2 280	3 860	6 150
Total suction output appr. [m ³ /h] without equipment of the free space		3 070	5 350
Pressure loss appr. [Pa]		2 500	
Compressed air consumption appr. [NI/min]	315	585	720
Electrics	for public power supply all over the world		
Pneumatic system [bar]		7–8	

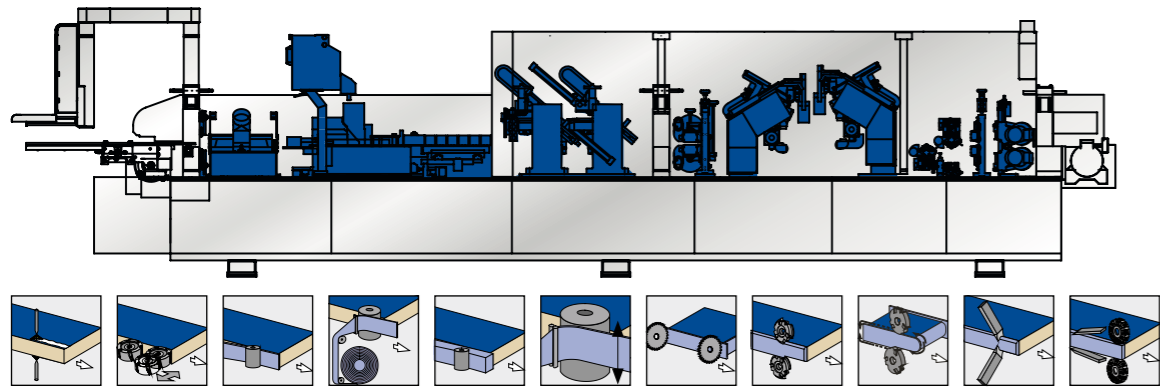
Content, technical data and photos are not binding in every detail. We reserve the right to make changes.

Technical data Ambition 2260, 2262, 2264

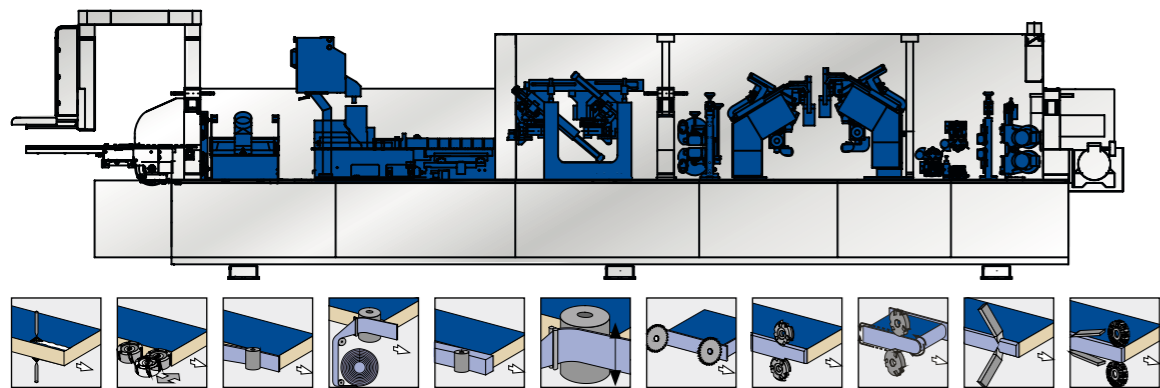
Ambition 2260



Ambition 2262



Ambition 2264

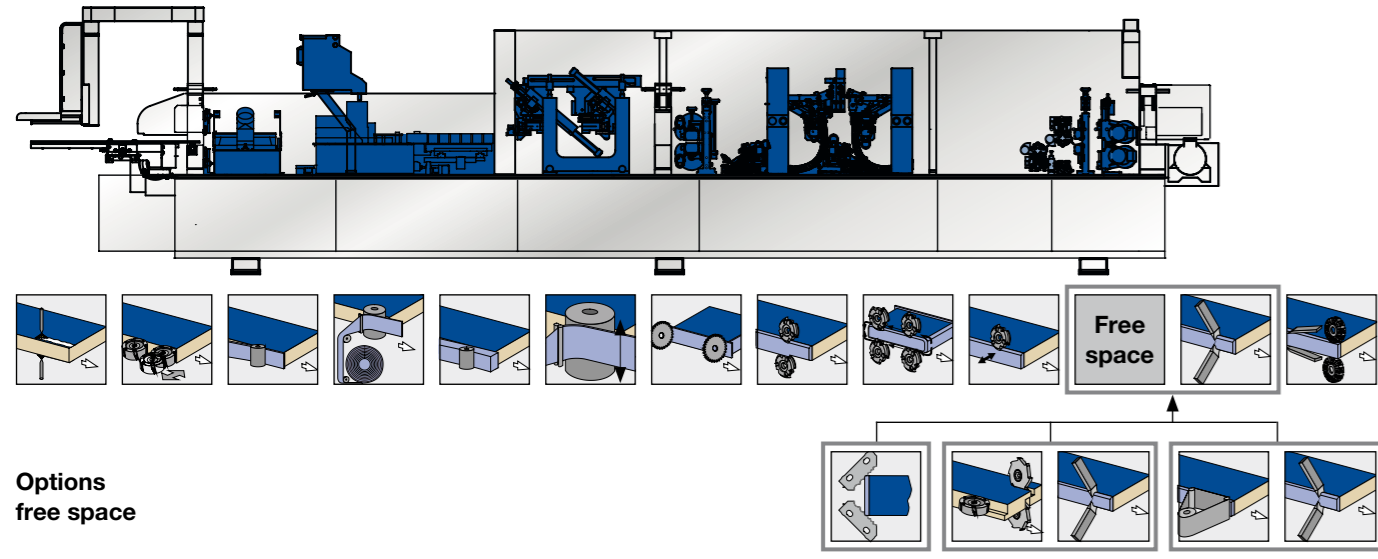


	Ambition 2260	Ambition 2262	Ambition 2264
	Machine dimensions		
Overall length [mm]	7 755	7 755	7 755
Overall width closed [mm] / open [mm]		910 / 1 540	
Overall height closed [mm] / open [mm]		1 820 / 2 250	
Working height [mm]		950	
	Working dimensions		
Workpiece width [mm] with workpiece thickness 12–22 mm		min. 60 dependent on workpiece length	
Workpiece width [mm] with workpiece thickness 23–40 mm		min. 105 dependent on workpiece length	
Workpiece thickness [mm]		min. 12–40 (opt. 8–60)	
Edge thickness, coils [mm]		0.3–3	
Edge thickness, strips [mm]	–	0.4–6	0.4–20
Workpiece overhang fixed [mm]		30	
Edge cross-section [mm ²]			
– Solid strips	–	390	900
– Coils	135	135	135
	Miscellaneous		
Adjustable feed [m/min]		18–25	
Connected load [kW]	24	28	28
Total suction output appr. [m ³ /h]	6 250	3 370	3 370
Total suction output appr. [m ³ /h] without equipment of the free space		2 500	
Pressure loss appr. [Pa]		2 500	
Compressed air consumption appr. [l/min]	630	930	930
Electrics	for public power supply all over the world		
Pneumatic system [bar]		7–8	

Content, technical data and photos are not binding in every detail. We reserve the right to make changes.

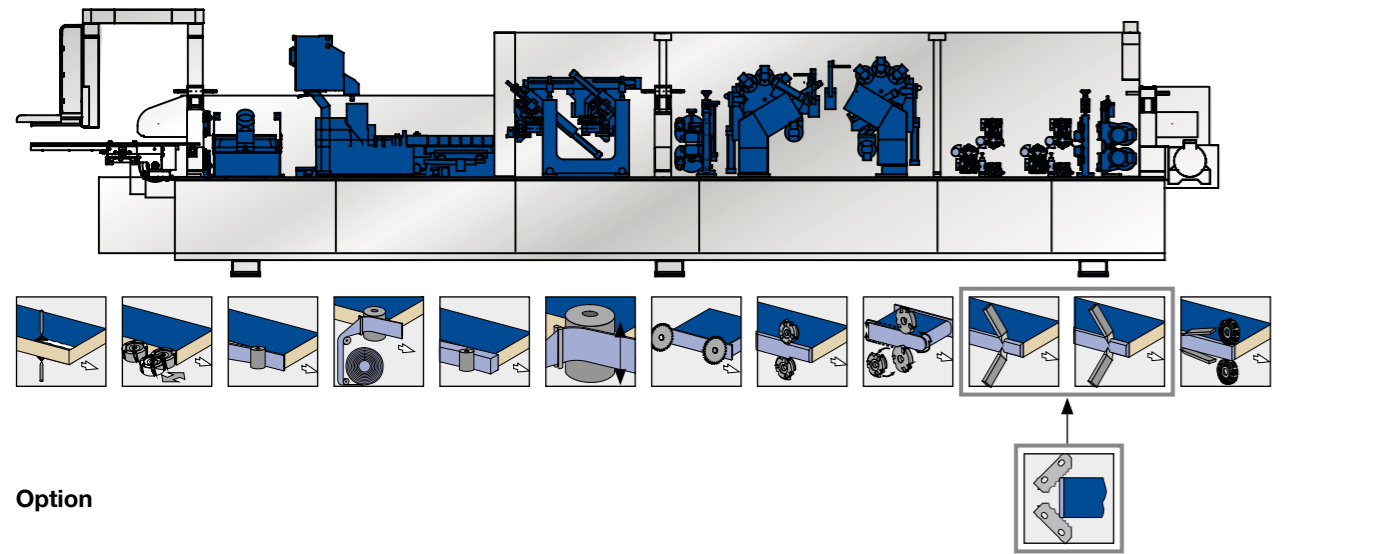
Technical data Ambition 2270, 2272, 2274

Ambition 2270



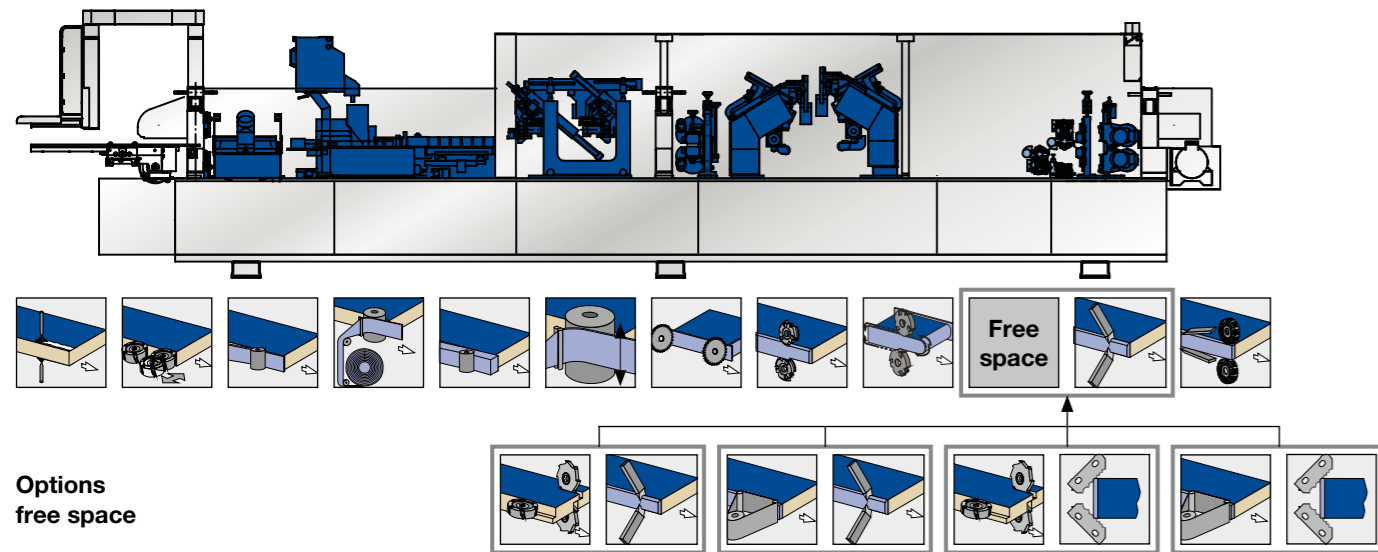
Options free space

Ambition 2272



Option

Ambition 2274



Options free space

	Ambition 2270	Ambition 2272	Ambition 2274
	Machine dimensions		
Overall length [mm]	8 545	8 545	8 635
Overall width closed [mm] / open [mm]		910 / 1 540	
Overall height closed [mm] / open [mm]		1 820 / 2 250	
Working height [mm]		950	
	Working dimensions		
Workpiece width [mm] with workpiece thickness 12–22 mm		min. 60 dependent on workpiece length	
Workpiece width [mm] with workpiece thickness 23–40 mm		min. 105 dependent on workpiece length	
Workpiece thickness [mm]		min. 12–40 (opt. 8–60)	
Edge thickness, coils [mm]		0.3–3	
Edge thickness, strips [mm]		0.4–20	
Workpiece overhang fixed [mm]		30	
Edge cross-section [mm ²]			
– Solid strips	900	900	900
– Coils	135	135	135
	Miscellaneous		
Adjustable feed [m/min]		18–25	
Connected load [kW] (laserTec)	33 (43)	33 (43)	39 (49)
Total suction output appr. [m ³ /h]	4 790	3 400	4 200
Total suction output appr. [m ³ /h] without equipment of the free space	4 000	3 400	
Pressure loss appr. [Pa]		2 500	
Compressed air consumption appr. [NI/min]	825	855	870
Electrics	for public power supply all over the world		
Pneumatic system [bar]		7–8	

Content, technical data and photos are not binding in every detail. We reserve the right to make changes.

An overview of Ambition models

Standard	2220	2240	2250	2260	2262	2264	2270	2272	2274
Coil material up to	1 mm	3 mm	3 mm	3 mm	3 mm	3 mm	3 mm	3 mm	3 mm
Veneer	✓	✓	✓	✓	-	-	✓	-	-
Fixed length material up to	-	-	-	-	6 mm	20 mm	20 mm	20 mm	20 mm
Feed rate 18–25 m/min	✓	✓	✓	✓	✓	✓	✓	✓	✓
Separating agent spraying unit	Option 1333	✓	✓	✓	✓	✓	✓	✓	✓
Jointing trimming tool incl. I-DIA trimming tool 43 mm high	Option 1333	✓	✓	✓	✓	✓	✓	✓	✓
Servo edge feed	✓	✓	✓	✓	✓	✓	✓	✓	✓
Quickmet including granulate tank	✓	✓	✓	✓	✓	✓	✓	✓	✓
Quick-release clamping system for application unit	-	-	-	-	-	-	✓	✓	✓
laserTec-activation unit retrofitable	-	-	-	-	-	-	✓	✓	✓
Magazine height adjustment	Option 2450	Option 2450	Option 2450	Option 2450	✓	✓	✓	✓	✓
2 horizontal roller plates	✓	✓	✓	✓	✓	✓	-	-	-
Snipping unit HLB1 with drawing snipping stop	✓	✓	✓	✓	-	-	-	-	-
Snipping unit HLB4 with stationary snipping stop	-	-	-	-	-	-	✓	✓	✓
Snipping motor adjustment (chamfer/straight)	✓	✓	-	✓	-	-	✓	✓	✓
Rough trimming unit	-	-	-	-	0.55 kW	1.5 kW	1.5 kW	1.5 kW	1.5 kW
Fine trimming unit 0.4 kW manual chamfer/radius	✓	✓	✓	✓	-	-	-	-	-
Profile trimming unit FK11 manual chamfer/radius	-	-	-	-	-	-	-	-	-
Profile trimming unit FK13 automatic 8-slot tool changer	-	-	-	-	-	-	-	✓	-
Profile trimming unit FF32 manual chamfer/radius	-	-	✓	✓	-	-	✓	-	-
Free space for grooving	-	✓	✓	✓	-	-	-	-	-
Free space for grooving/sanding/multi-scraper blade	-	-	-	-	-	-	✓	-	✓
Finish scraping device PN10	-	✓	✓	✓	✓	✓	-	2x	✓
Finish processing unit FA11	-	Option FA10	✓	✓	✓	✓	✓	✓	✓
Buffing unit FA06	✓	✓	-	-	-	-	-	-	-
Electronic height adjustment	✓	✓	✓	✓	✓	✓	✓	✓	✓
Control PC22 with full touch operation + keypad	✓	✓	✓	✓	✓	✓	✓	✓	✓
TeleServiceNet Soft	✓	✓	✓	✓	✓	✓	✓	✓	✓
Automation packages	2220	2240	2250	2260	2262	2264	2270	2272	2274
Package no.	4009	4014	4010	4012	4016 4017	4013	4011	4015	4013
Adjustment infeed fence (automatic)	-	-	-	-	-	-	✓	✓	✓
Adjustment pressure zone (automatic)	-	✓	✓	✓	-	-	✓	✓	✓
Adjustment snipping motor (flush/overhang)	✓	✓	-	✓	✓	✓	✓	Standard	✓
Adjustment rough trimming unit (flush/overhang)	-	-	-	-	-	-	✓	✓	✓
Fine trimming or chamfer/radius adjustment (automatic)	Chamfer	Cham./rad.	Cham./rad.	Cham./rad.	-	-	-	-	-
Profile trimming, 2 motors, chamfer/radius adjustment (autom.)	-	-	-	-	✓	✓	✓	✓	✓
Profile trimming, 4 motors, chamfer/radius adjustment (autom.)	-	-	✓	✓	-	-	✓	-	-
Multi scraping blade MN21 (automatic)	-	-	-	-	-	-	✓	-	-
Pneumatic adjustment PN10 + FA11	-	-	✓	✓	✓	✓	✓	✓	✓
Remote control for single-sided machine	✓	✓	✓	✓	✓	✓	✓	✓	✓
Additional equipment	2220	2240	2250	2260	2262	2264	2270	2272	2274
Feed height increase max. 32 m/min	-	-	✓	-	-	-	-	-	-
Scissor-design extendable workpiece support	✓	✓	✓	✓	✓	✓	✓	✓	✓
Suction cup for strip separation	-	-	-	-	✓	✓	✓	✓	✓
QA glue tank front section for exchanging	-	-	-	-	✓	✓	✓	✓	✓
QA glue tank front section (teflon coated PU)	-	-	-	-	✓	✓	✓	✓	✓
PU melting unit	-	-	-	-	✓	✓	✓	✓	✓
Additional horizontal roller plate	✓	✓	✓	✓	✓	✓	✓	✓	✓
2-slot edge feed	✓	✓	✓	✓	✓	✓	✓	✓	✓
6-slot edge feed	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cleaning agent application	✓	✓	✓	✓	✓	✓	✓	✓	✓
Exchange device, trimming unit	✓	✓	✓	✓	-	-	-	-	-
Exchange device, trimming unit, automatically adjustable	✓	✓	✓	✓	-	-	-	-	-
Universal trimming unit UF10	-	✓	✓	-	-	-	✓	-	✓
Multi scraping blade MN21 (automatic) instead of PN10	-	-	-	-	-	-	✓	4015	✓
Belt sanding unit KS10 (alternative: instead of UF10)	-	-	-	-	-	-	✓	✓	✓
Exchange head set for FK, not adjustable	-	-	-	-	✓	✓	-	✓	✓
Exchange head set for FK, manually adjustable	-	-	-	-	✓	✓	-	✓	✓
Exchange head set for FK, automatically adjustable	-	-	-	-	✓	✓	-	✓	✓
Workpiece guide for profile trimming Ambition (sales no. 3748)	-	-	✓	✓	✓	✓	✓	✓	✓
Exchange device FF32, manually adjustable	-	-	✓	✓	-	-	✓	-	-
Exchange device FF32, automatically adjustable	-	-	✓	✓	-	-	✓	-	-
I-system radius/chamfer trimming tool 15° 1–3 mm Z = 6	-	✓	✓	✓	-	-	✓	-	-
I-system radius/chamfer trimming tool 15° 1–3 mm Z = 4	✓	-	-	-	-	-	-	-	-
I-system radius/chamfer trimming tool set (FK) 15° 1–3 mm Z = 4	-	-	-	-	-	-	✓	-	✓
Quick-change head set R = 1/1.5/2/2.5/3 mm	-	✓	✓	✓	✓	✓	✓	✓	✓
Pre-installation Boomerang	✓	✓	✓	✓	✓	✓	✓	✓	✓
Overvoltage protection	✓	✓	✓	✓	✓	✓	✓	✓	✓
Transformer for voltage adjustment	✓	✓	✓	✓	✓	✓	✓	✓	✓
Increased cooling output > 40° C	✓	✓	✓	✓	✓	✓	✓	✓	✓
Diagnostic system woodScout	✓	✓	✓	✓	✓	✓	✓	✓	✓
Additional hard disk	✓	✓	✓	✓	✓	✓	✓	✓	✓
Increase workpiece thickness to 60 mm with jointing trimming	0841	0841	0841	0841	0841	0841	0841	0841	0841
Increase workpiece thickness to 60 mm without jointing trimming	0842	-	-	-	-	-	-	-	-
Jointing trimming package	✓	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
laserTec-activation unit	-	-	-	-	-	-	✓	✓	✓