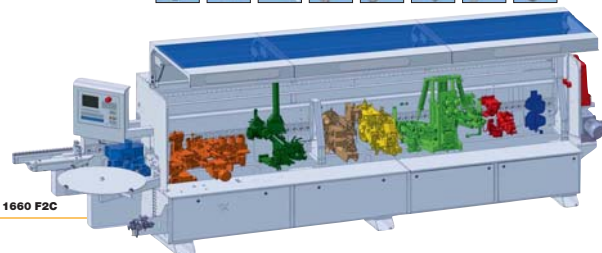


Ambition 1660 FGC



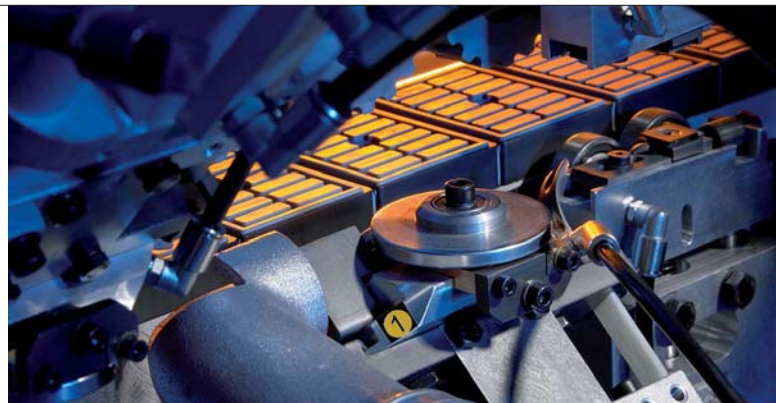
Ambition 1660 F2C

	Ambition 1660 FGC	Ambition 1660 F2C
Machine dimensions		
Machine length (mm)	6250	
Working height (mm)	950	
Machine dimensions WxH (mm)	1560 x 2300	
Working dimensions		
Workpiece thickness (mm)	8 - 60 (option 80)	
Edge material thickness (mm)	0,4 x 12 (option 15)	
Miscellaneous		
Feed speed (m/min)	var. 8 - 18 (option 8 - 20)	
Weight (kg)	3000	
Connected value (kW)	14	13,5
Extraction diameter (mm)	1x120/1x140/1x100	1x120/1x160/1x100
Electrics	400 V - 3 Ph. - 50 Hz.	
Pneumatics (bar)	6	

All rights for technical changes withheld. Individual machine pictures may show options.



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HOMAG Group

Success by partnership

To survive in a fiercely competitive market, a company has to have fast, flexible and efficient production. The HOMAG Group, with its sales and service network in over 80 countries around the world, offers you and your employees a strong partnership no matter where you are. The HOMAG Group of companies cover all areas of woodworking and wood-processing. Panel sizing, sawing, edge technology, transportation technology and handling systems are just a few of our specialties.

We also offer solutions for drilling, coating technology, surface technology, plants for doors and doorframes, timber house construction, sanding technology, automation systems, packaging equipment and software. We provide a complete and innovative range of products and services that are always the perfect solution for any requirement.

You, our customers, benefit from high precision, performance and cutting-edge technology.

BRANDT

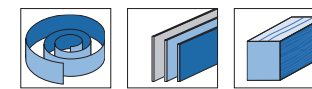
Perfect edges for demanding customers

We offer our customers innovative and powerful edgeline machines. Efficiency and quality have the highest priority, and ensure long-term competitive advantages for you. With an annual production of over 2000 edgeline machines, we are the edgeline specialist in the Homag Group and the world leader in our market segment. A high degree of standardization in combination with an advanced manufacturing process and more than 50 years of engineering experience

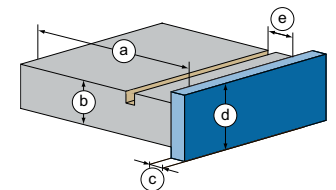
ensure state of the art quality at a superb price-performance ratio. Our clear and structured product range is designed to meet the demands of current and future market trends. All of our developments are focused toward practically-oriented and economic solutions that guarantee you the best possible production results.



„With us, you and your products come first.
A promise that you can count on!“



mm	Coil	Strips	Solid
a	min. 70		
b	8 - 60 (option 80)		
c	0,4 - 12 (option 15)		
d	65 (option 85)		
e	max. 30		



„Ideal prepared for your requirements“

Ambition 1650 C - 1660 FGC

Setting new standards in performance and quality

In the standard version, the machine is equipped with a precision gluing unit, a tiltable end trimming unit, a multi-functional top/bottom trimming unit and a contour trimming unit. A perfect finish is guaranteed by the radius scraper and a buffing unit.

The powerful motors on all of the units provide the unrestricted power that is needed to process a broad spectrum of different parts.

To offer the perfect solution every time, there is a joint trimming unit, a tiltable grooving unit as well as a glue joint scraper available.

With the optional Quickmelt gluing unit, plus the standard workpiece gap optimization package for more effective production, and also the available separation and detergent agents, this range is optimally-equipped for all requirements. The versatility of this series is highlighted by the variable feed rate of 8-18 m / min.

The right solution for your requirements

The Ambition 1600 series machine leaves nothing lacking. Whether your needs are a demanding shop setting, "batch size one" production for custom requests, living & bedroom furniture or functional office furniture, the Ambition 1600 Series always offers the right solution for your requirements.



The controller – Quality and precision with the touch of a button

Through targeted and constant development of controller technology, simple operation and a high operating comfort are guaranteed.

At BRANDT we focus on you as our customer and your finished product.



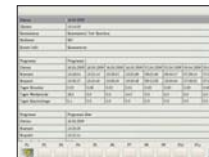
Ambition 1650 FC

Ambition 1660 FGC



PowerControl PC 20+, offering every "plus" for the customer

- + Optimum overview by using a big 12" screen
- + High operator comfort with all functions button-controlled from the operating panel
- + Short set up times, through high controller capacity and easy selection of processing programs
- + Self-explanatory operator guidance, through a graphic interface and optimum visualisation
- + Easy Back-up function of the entire control and all operator programs
- + Network-compatible
- + Context-sensitive help - detailed information about the functions and how to operate the machine directly on the screen
- + Compilation of production data for detailed gathering of job related costs



Compilation of production data via the BRANDT-Browser

Compiled production data can be easily gathered and saved.

The BRANDT-Browser allows for job-specific collection of operating hours, an overview of the total processed workpieces and information regarding total meters of processed edges.

For companies that have large numbers of different clients, it is especially advantageous to always have an accurate record of contract-related costs.



Context-sensitive help

With the context-sensitive help function, it is possible to directly display detailed information on the operations and functions of the machine.

The controller-integrated help functions are accessible with the push of a button from the keyboard and allow for immediate operator support.



Significant competitive advantages – Pace setting performance and quality



Infeed stop
For minimum workpiece spacing and safe operation.



Automatic edge infeed device (optional)
Automatic edge infeed device for fast change over between different coiled materials.



Joint trimming unit
Perfect cut and high operating life due to diamond tipped tools for an optimum edge joint quality.



Radiant heater
Strong adhesion through optimal pre heating of the workpiece.



Magazine + pre-melter (optional)
Coil and automatic strip magazine with optical monitoring for reliable material supply, high availability and perfect glue quality via the Quickmelt gluing unit.



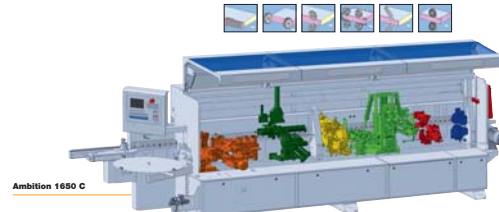
Pressure zone
Heavy pressure zone (up to 12 mm) to ensure an optimum glue joint quality.



End trimming unit
Perfect cutting by the end trimming unit using rigid high-precision linear guides and the workpiece gap optimization package to achieve higher output in the same processing time. Soft-touch for optimal end trimming results even at high speeds.



Rough trimming unit
For rough trimming of all common edgebanding materials.



Ambition 1650 C



Trimming unit
Multifunctional trimming unit with DFC (Dust Flow Control) tooling technology for optimal extraction. Optional pneumatic or servo axis adjustment available.



Tiltable grooving unit
For grooving work pieces either from the bottom side or from the edge side. It is possible to do either continuous grooving or non continuous grooving, as well as non continuous grooving for biscuit joints.



Corner rounding unit
For corner rounding of thick PVC edges, as well as postforming and softforming profiles. Equipped with automatic adjustment between thin and thick edge materials.



Multifunctional trimming unit (optional)
Trimming of the edge overhang on top and bottom side as well as contour trimming on the front and rear edges. Equipped with automatic adjustment to switch between thick and thin edges. Workpiece thickness up to 60mm.



Profile scraping unit
Unit to smooth radii or chamfers, equipped with quick change heads for fast profile change.



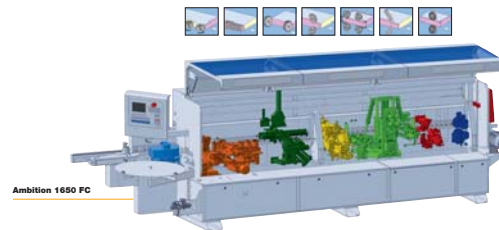
Glue joint scraping unit (optional)
For the perfect finish and for edge scraping up to 0,3mm.



Buffing unit
Buffing unit to polish edges and maintain their natural color.



Central lubrication unit
Fully automatic lubrication of the feed track guidance system to guarantee precision and a long-life time of the conveyor chain.



Ambition 1650 FC

	Ambition 1650 C	Ambition 1650 FC
	Machine dimensions	
Machine length (mm)	5760	
Working height (mm)	950	
Machine dimensions WxH (mm)	1560 x 2300	
	Working dimensions	
Workpiece thickness (mm)	8 - 60 (option 80)	
Edge material thickness (mm)	0,4 x 12 (option 15)	
	Miscellaneous	
Feed speed (m/min)	var. 8 - 18 (option 8 - 20)	
Weight (kg)	2540	2600
Connected value (kW)	8	12,5
Extraction diameter (mm)	2x100	1x120/2x100
Electrics	400 V - 3 Ph. - 50 Hz.	
Pneumatics (bar)	6	