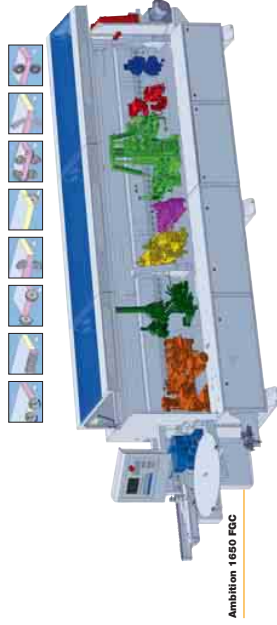
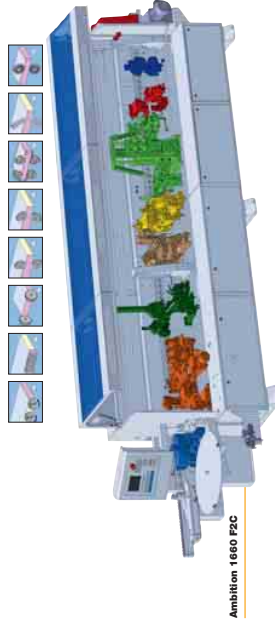


Technical data



Ambition 1650 P2C



Ambition 1600 P2C

Ambition 1650 P2C		Ambition 1600 P2C	
Machine length (mm)	6200	Machine dispensers	6
Working height (mm)	950		
Machine dimensions WHH (mm)	1560 x 2300	Working dimensions	8 - 60 (option 80)
Workpiece thickness (mm)	8 - 60 (option 80)	Edge material thickness (mm)	0,4 x 12 (option 1,5)
Feed speed (m/min)	var. 8 - 18 (option 8 - 20)		
Weight (kg)	3000		
Connected value (kW)	14		
Extraction diameter (mm)	1x1201 x140/1x100 1x1201 x160/1x100		
Electrics	400V - 3 Ph. - 50 Hz.		
Pneumatics (bar)	6		

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



0500 0000 0000



Edge banding machines Ambition 1650 - 1660



A member of the Homag Group of Companies



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PRACTICE
Intelligent woodworking solutions

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 specialities.

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.



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

BRANDT Perfect edges for demanding customers

We offer our customers innovative and powerful edgebanding machines.

Efficiency and quality have the highest priority, and ensure long-term competitive advantages for you.

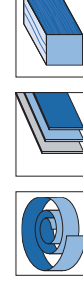
With an annual production of over 2000 edgebanding machines, we are the edgebanding specialist in the Homag Group and the world leader in our market segment.

A high degree of standardization in combination with an advanced manufacturing process and more than 50 years of engineering experience

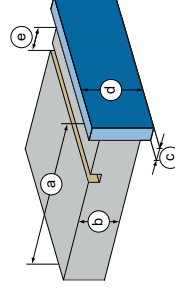
ensure state of the art quality at a superb price-performance ratio.

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.



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 liftable 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 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, the machine is also available with a scraper unit as well as a glue joint scraper available.

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, or a complete solution for bedroom furniture or functional office furniture, the Ambition 1600 Series always offers the right solution for your requirements.



PILART
S.T.O.®



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 1650 FC



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 control and secondary 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
- + Completion 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 production data 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 context-sensitive help functions are accessible with the touch of a button from the keyboard and allow for immediate operator support.

Significant competitive advantages – Pace setting performance and quality



Trimming unit
For minimum workspace spacing and side operation.



Automatic edge infrared device (optional)
Edge infrared device for fast change over between different colored materials.



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



Rigid heater
Strong adhesion through optimal pre-heating of the workpiece.



Machine + pre-washer application
Cut and automatic step magazine with optical monitoring for reliable material supply, high reliability and perfect joint quality via the subsequent drying unit.



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



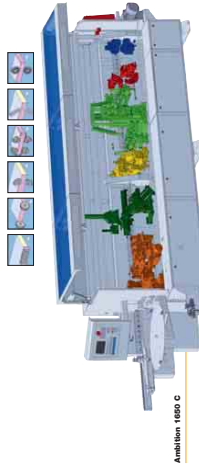
Soft touch function
Perfect cutting by the soft trimming unit and the workspace optimization and the workspace optimization also allows the same processing time. Soft touch for optimal end trimming results over all edge types.



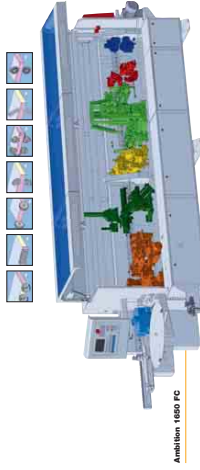
Rough trimming unit
For rough trimming of all common softening materials.



Technical data



Ambition 1650 C



Ambition 1650 FC

Ambition 1650 C		Ambition 1650 FC	
Machine height (mm)	5700	Machine dimensions	
Machine depth (mm)	1600	Machine depth (mm)	1600 x 2000
Machine width (mm)	1600 x 2000	Machine width (mm)	1600 x 2000
Maximum thickness (mm)	0.4 - 12 (optimal 1.5)	Maximum thickness (mm)	0.4 - 12 (optimal 1.5)
Edge material thickness (mm)	2000	Edge material thickness (mm)	2000
Feed speed (mm/min)	2000	Feed speed (mm/min)	2000
Weight (kg)	2000	Weight (kg)	2000
Connected cable (kW)	2x7.8	Connected cable (kW)	2x7.8
Power consumption (kW)	11.15/22x100	Power consumption (kW)	11.15/22x100
Blades	400V 2.3 Ph - 50 Hz	Blades	400V 2.3 Ph - 50 Hz
Provisional bar		Provisional bar	
			6

