

Achieving invisible joint results is highly satisfying



airTec – Edge banding "without joints"

Not only the arctic hare picks up its ears!

The **airTec** procedure of BRANDT uses hot air and offers a zero-joint technology. Five special models are the perfect option for entry level users such as traditional craft jobs and medium-sized businesses.

The result: Perfectly crafted furniture, where joints are no longer visible. In addition to this you can benefit from an unbeatable price.



airTec – the perfect entry into the zero-joint technology

By means of the **airTec** procedure the edge and the workpiece are joined together using hot air. Special edge materials are used. They consist of a „hard“ decor layer and a meltable functional layer.

The functional layer is melted by the **airTec** activation unit and the edge is pressed onto the workpiece.



Spraying unit – standard

The spray unit for Antistatic solvent is included in the **airTec** – reactivation unit, to achieve a perfect finish.



airTec and Ambition – the ideal combination

The **airTec** activation unit is a fixed unit of the following machines

- BRANDT Ambition 1220 **airTec**
- BRANDT Ambition 1230 **airTec**
- BRANDT Ambition 1440 **airTec**
- BRANDT Ambition 1650 **airTec**
- BRANDT Ambition 1860 **airTec**

Contents, technical data and photos are not binding in every detail. We reserve the right to make changes. Pictures can show options which are not included in the basic model.



Control with powerTouch – easy, equal, ergonomic, evolutionary

Using the 21,5“ widescreen format multitouch monitor, you control machine functions by direct touch contact. The intuitive operation of **powerTouch** increases the speed and reliability of inputs (Ambition 1440 **airTec**, Ambition 1650 **airTec**, Ambition 1860 **airTec**).

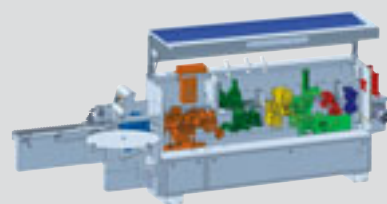


easyTouch – Gentle touch – big results

A clear 7“ graphic display for optimal control by directly touching the control panel (Ambition 1220 **airTec**, Ambition 1230 **airTec**).



BRANDT Ambition 1220 airTec



BRANDT Ambition 1220 airTec

The Ambition 1220 airTec is the basic machine for invisible joint processing and the ideal solution for beginners. Besides the airTec-unit this machine includes a high level of automation for much more effectiveness and saving of time at a very good price and performance ratio. The pneumatic adjustments of the pressure zone, the end trimming unit, the trimming unit and the scraping device support this. The joint trimming unit and the contour trimming unit of the Ambition 1220 airTec offer a complete panel processing.

Trimming unit

With pneumatic 3-point-adjustment. For even more effective production and much shorter changeover time.



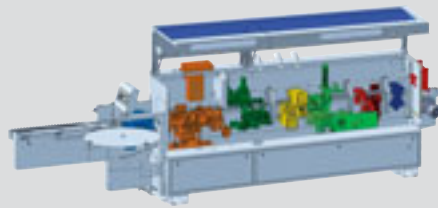
Ambition 1220 airTec – Your benefit

- High degree of automation
- With joint trimming unit for an optimum edge joint quality.
- Contour trimming unit for optimum corner rounding
- Trimming unit with DFC tool technology for optimum dust extraction.

Technical data	Ambition 1220 airTec
Overall length (mm)	4469
Working height (mm)	950
Machine width and height open B x H (mm)	1525 x 2182
Workpiece thickness (mm) in combination with airTec (mm)	8 - 60 8 - 40
Edge thickness (mm)	0,4 - 6
Feed speed (m/min)	8



BRANDT Ambition 1230 airTec



BRANDT Ambition 1230 airTec

For beginners of processing invisible joints the Ambition 1230 airTec is the best machine. The big ratio of automation of e.g. the pressure zone, the end trimming unit, the trimming unit and the scraper is the basic of time saving and easy operation besides the airTec unit. By the use of a joint trimming unit and the single motor contour trimming unit the Ambition 1230 airTec offers a complete panel processing. In the finishing the machine offers a profile scraper, a glue joint scraper and a buffing unit.

Ideal finish

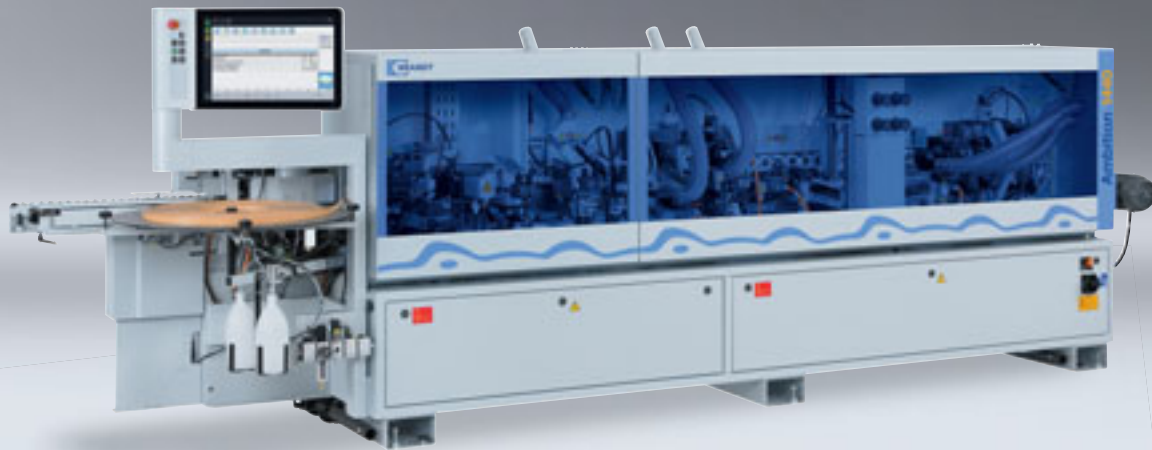
The Ambition 1230 airTec allows a complete post-processing of the workpieces, being equipped with a profile scraping unit, a glue joint scraper and a buffing unit.



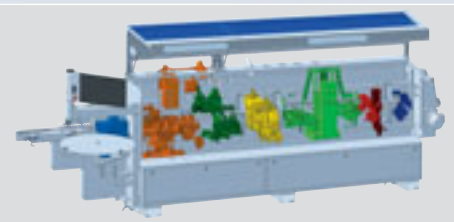
Ambition 1230 airTec – Your benefit

- High degree of automation
- Operator comfort and safe operation by use of 7" Touch-control easyTouch
- Contour trimming unit for optimum corner rounding
- Trimming unit with DFC tool technology for optimum dust extraction.

Technical data	Ambition 1230 airTec
Overall length (mm)	5070
Working height (mm)	950
Machine width and height open B x H (mm)	1575 x 2182
Workpiece thickness (mm)	8 - 60
in combination with airTec (mm)	8 - 40
Edge thickness (mm)	0,4 - 6
Feed speed (m/min)	8



BRANDT Ambition 1440 airTec



BRANDT Ambition 1440 airTec

Perfect for the craftsman, as well as small and medium - sized enterprises, the Ambition 1440 airTec offers zero-joint technology you long-term competitive advantages and a variety of innovations. Besides the airTec activation unit for the perfect zero-joint, the basic version also features a joint trimming unit, an exact gluing unit, an end trimming unit, a trimming unit and a 2-motor corner rounding unit. For the finish are available a radius scraper, a glue joint scraper as well as a buffing unit.

End-trimming unit

Precise end-cut through a strong end-trimming unit, equipped with THK guides. Chamfer / straight adjustment by easily tilting the unit. Pneumatic adjustment optional.



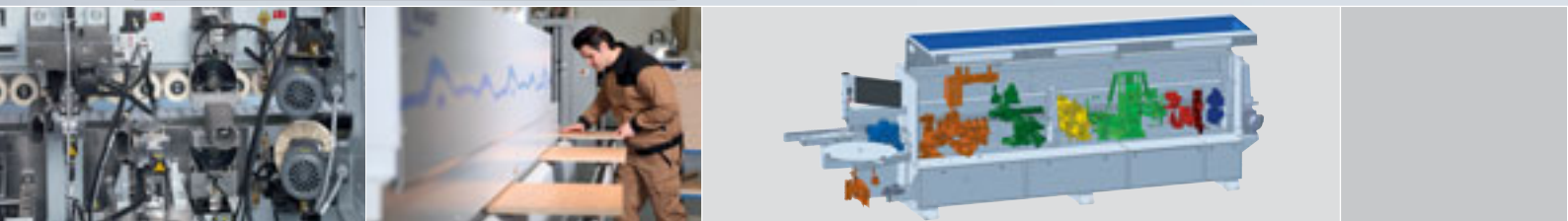
Ambition 1440 airTec – Your benefit

- High degree of automation Flexibility – can be optimized accordingly to customer's requirements
- Compact dimensions no compromise in performance
- Low energy costs with **ecoPlus**

Technical data	Ambition 1440 airTec
Overall length (mm)	5573
Working height (mm)	950
Machine width and height open B x H (mm)	1575 x 2183
Workpiece thickness (mm) in combination with airTec (mm)	8 - 60 8 - 40
Edge thickness (mm)	0,4 - 8
Feed speed (m/min)	11 (opt. var. 8 - 14)



BRANDT Ambition 1650 airTec



BRANDT Ambition 1650 airTec

The Ambition 1650 airTec is the right machine for customers with high requirements. Whether for production of the perfect zero-joint or for other edge processings, the machine always provides the perfect solution. The Ambition 1650 airTec is equipped with a joint trimming unit, a Quickmelt gluing unit, an airTec activation unit, end trimming unit, a trimming unit and a 2-motor corner rounding unit. The perfect finish is obtained by a radius scraper, a glue joint scraper as well as a buffing unit.

Joint trimming unit

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



Multistage trimming unit MS40/45 (optional)

Fully automatic adjustment between three different profiles by means of servo motors.



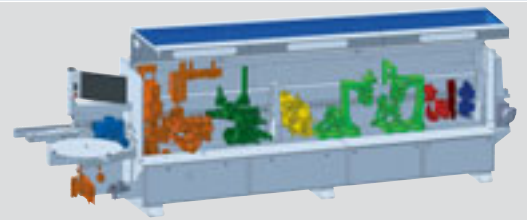
Ambition 1650 airTec – Your benefit

- Fully automated
- Unlimited force thanks to high-power motors
- High flexibility through alternate use of EVA and PU
- Multistage technology for perfect use in case of changing materials

Technical data	Ambition 1650 airTec
Overall length (mm)	6060
Working height (mm)	950
Machine width and height open B x H (mm)	1555 x 2300
Workpiece thickness (mm) in combination with airTec (mm)	8 - 60 (opt. 80) 8 - 40
Edge thickness (mm)	0,4 - 12
Feed speed (m/min) in Verbindung mit airTec	var. 8 - 18 (opt. var. 8 - 20) max. 15



BRANDT Ambition 1860 airTec



BRANDT Ambition 1860 airTec

The Ambition 1860 airTec is a high-end product at BRANDT. The core of the machine consists of a Quickmelt gluing unit which serves as double solution besides the airTec activation unit and consequently guarantees high flexibility for you. The basic version is equipped with a joint trimming unit, a Quickmelt gluing unit, a 2-motor end-trimming unit, a trimmer and a 4-motor profile trimming unit. For the finish a radius scraper, a glue joint scraper as well as a buffing unit are used.

Profile trimming unit FF12

For corner rounding of thick PVC-edges as well as head edges on postforming and soft-forming parts up to a feed speed of 20 m/min..



Multistage scraping unit MZ40 (optional)

Fully automatic adjustment between two different profiles by means of servo motors.



Ambition 1860 airTec – Your benefit

- Industrial features for high performances
- V-belt top pressure as standard
- Softtouch function for an ideal trimming result, also at high feed rates
- Optimization of the gap between workpieces for a higher output volume in the same processing time

Technical data	Ambition 1860 airTec
Overall length (mm)	6260
Working height (mm)	950
Machine width and height open B x H (mm)	1555 x 2300
Workpiece thickness (mm) in combination with airTec (mm)	8 - 60 (opt. 80) 8 - 40
Edge thickness (mm)	0,4 - 12
Feed speed (m/min)	var. 8 - 20



A member of the Homag Group of Companies



BRANDT Kantentechnik GmbH

Weststraße 2
32657 Lemgo
Germany
Tel. +49 5261 974-0
Fax +49 5261 6486
info@brandt.de
www.brandt.de