



**Machinery for the Woodworking, Stone,  
Glass, Plastic, and Metalworking Industries**



**Date :** 04/17/2024 - 11:20 PM \*  
**EXF # :** EO-012355  
**Category :** EDGEBANDERS-OVER \$25,000  
**Brand / Model :** BRANDT "AMBITION 1870"  
**Machine Type :** EDGEBANDER (W/PRE-MILL & CORNER ROUNDING)  
**Year of Mfg. :** 2010  
**Condition :** Good Condition  
**Elect / Voltage :** 400 V, 50/60 Cy, 3 Ph.  
**Special Note :**

**FOB / Region :** MIDWEST  
**Appr. Repl. Cost. :** \$ 190,000  
**Price :** \$ 0 \*  
**Comment :** Recently Reduced & Priced to Sell!  
**Leasing :** Contact NCL for quote

\* Pricing is valid at the time of printing and subject to change at any time.

**Description :**

- **BRANDT *AMBITION 1870* (aka *KDF 870*) EDGEBANDER (W/PRE-MILLING & CORNER ROUNDING);**
- **Specifications:**  
Edge & Workpiece Capacity, 0.4 - 20 mm Edge thickness cap., incl. 3 mm PVC banding, min. workpiece width 65 mm (2.5") and min. length 160 mm (6.375"), panel thickness 8 - 60 mm (0.314" - 2.187").  
  
3 HP (2.2 KW) feed drive for variable feed speed 36 - 65 FPM (11 - 20 MPM), with CR engaged or applying solid wood up to 52 FPM (16 MPM) max feed speed.  
  
infeed panel support w/roller guide extends out to 1,000 mm (39").  
  
Working height 900 mm (35"); 80 mm wide Heavy Duty feed chain w/rubber pads, motorized raise/lower upper pressure beam.  
  
Automatic chain track lubrication; top pressure section with non-marking neoprene pressure wheels  
  
All cutting & trimming workstations are HF (High Frequency Motors); Line control (no limit switches) for workstation functions.



Please ask me

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**Sales - Liquidations - Auctions - Appraisals - Consulting**

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**Equipped with:**

- **Pre-Milling Station:** (2) 3 HP (2.2 kW) - 12,000 RPM "**HOMAG**" Vertical milling/jointing heads, electro-pneumatic jump control, heads counter-rotate, SIKO digital units for vertical & horizontal adjustments.
- **"Quick-Melt" Hot Melt glue system** w/pre-melting hopper feed, "quick change" hopper & tank for color changes, reversible glue applicator roller rotation; approx. (12) Min heat-up time.
- **Extended Magazine** for application of solid edges from 0.4 - 20 mm (3/4") thickness and coil material from 0.4 - 3 mm thickness; Infrared heating unit positioned between glue roller and pressure zone to improved edge quality.
- **Program controlled motorized pressure zone:** Pressure section with (1) large driven and (4) pneumatically controlled idle rollers, SIKO digitals for setting. Reinforced guillotine for coiled edgbanding material 0.4 - 3.5 mm thickness and 8 - 55 mm height;
- **Brandt "Power Control PC 20+"** with 12" TFT flat screen monitor; front side USB port, 1 GB Flash Card, 600 MHZ Hard Drive, 256 MB RAM; Internal modem for remote diagnostic link.

**Edgebander Workstations:**

- **Front & Rear End Trim:** (high speed version, 1 HP - 12,000 RPM ea.), pneumatic control for straight or chamfer-trimming.
- **Servo controlled Top & Bottom Rough Trims:** (2 HP - 12,000 RPM motor ea.) w/vertical & horizontal tracing, pneumatic (in/out position) control from control panel, tilts 0 - 25°.
- **Top & Bottom Fine Trimmers:** (1 HP - 12,000 RPM motor ea.), Servo control bevel 0° - 25° tilt angle, w/vertical & horizontal tracing, Servo Control (in/out position) from control panel; contour profile trimming units (two 0.5 HP - 12,000 RPM motors), Servo Control (in/out position) from control panel (all trim station motors are 200 Cy HF and equipped w/electronic brakes).
- **Corner Rounding Unit:** (2) Motors (0.5 HP / 0.4 kW) - 12,000 RPM motors ea, 16 MPM (52 FPM) operating feed speed.
- **Quick Change Top & Bottom Profile Scraping Unit:** With digital "quick-set" system for 2 - 6 mm radius (0.078" to 0.47"), Servo Control in/out from operator panel and pneumatically controlled blow-off nozzles.

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- **Top & Bottom Buffing unit:** (0.3 HP - 2,800 RPM motors), tilt vertically & horizontally.
- **Complete with:**  
(1) 1-Coil tape magazine; all work units & fence adjustment throughout machine with SIKO digital readouts.  
  
Digital counter at infeed to measure footage of product edgebanded. Operator controls on overhead swivel arm.  
  
(1) 200 Hz, 13 KVA electronic frequency converter. Sound enclosures with 1" thick padding over all milling stations in edgebander section.
- **Options Include**  
400 V Primary to 480 V secondary transformer.
- Actual Model is **BRANDT AMBITION 1870 (aka KDF-870)**

**NOTE:** The pictured Ligmatech return conveyor is "NOT" included. It is listed & can be purchased under Listing # **FR-010274**

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