

Brandt Single-Sided Shaping, Sanding and Edge Foiling Machine, Model KHP-13

Right-hand machine - working units on right-hand side as seen from the direction of infeed.

The machine base is manufactured with a continuous machine frame, prepared for the installation of different processing units.

The feed chain track is equipped with 80 mm (3-5/32") wide chain plates with vulcanized rubber inserts and centralized lubrication. Chain guides are machined and hardened for precise alignment.

Top pressure beam with individually adjustable lateral pressure rollers, central height adjustable, two row.

Infeed fence laterally adjustable.

Work piece support extendible to 600 mm (23-5/8").

Feed speed infinitely variable 5 M/min to 15 M/min (16.4 ft/min to 49.2 ft/min).

Note: Max. adjusting range is not necessarily the appropriate working speed.

Technical Specifications

| | | | |
|-----------------------------|-------------|-----------------------------------|--------------------------------------|
| working height | | 860 mm | (33-27/32") |
| work piece thickness | min. | 5 mm | (3/16") |
| | max. | 100 mm | (3-15/16") |
| work piece overhang | max. | 1 mm to 100 mm | (1/32" to 3-15/16") |
| work piece length | min. | 210 mm + 2 x Profile Depth | (8-9/32") + 2 x Profile Depth |
| operating voltage | | 230 volts | 60 Hz, 3 Ph |
| control voltage | | 115 volt | |
| machine paint color | | grey | RDS 240 8005 |

Electrical equipment wired according to UL regulations.

Control of work safety through the German Wood Trade Association.

In case of variations in technical specifications and capacities between the base machine and working units, the specifications and capacities given for the work units are to be considered correct.

Adjustable Infeed Fence

Arminius Unit #0005

- with digital counter

Shaping Unit UF 40

Arminius Unit #1999

- single spindle, 4 kW
- spindle speed / variable max. 6,000/min.
- diameter of spindle 30 mm (1-1/8")
- length of spindle 70 mm (2-3/4")
- diameter of tools (max.) 200 mm (7-7/8")
- swiveling range 45°
- cutters are not included

Electronic Frequency Invertor

Arminius Unit #6615

- for 4 kW motor

Profile Sanding Unit DS-40

Arminius Unit #4640

- for use with sanding discs
- spindle dimension 30 mm diameter x 90 mm (1-3/16" x 3-17/32")
- diameter to tools max. 200 mm (7-7/8")
- swiveling range 130°
- without sanding discs

Noise Reduction Enclosure

Arminius Unit #1999

- with centralized dust extraction ducts

Hot Foiling Unit

- two (2) foiling wheels
 - max. width of wheel 60 mm (2-23/64") for max. profile height of 50 mm (1-31/32")
- foiling wheel with adjustable speed
- pneumatic in/out jump control
- wheel heated
- separate wind up unit
- adjustable horizontally, vertically, and tiltable