

Compact Edge Banding Machine Optimat KD 54

With high capacity
processing units for an
individual, flexible
production

Optimat KD 54 - High capacity at a low price

User orientated development

The KD 54 has been specially developed for smaller companies with a primarily individual part production, placing emphasis on simple operation and fast resetting. These requirements are fulfilled in an excellent manner by the KD 54, which has become a trendsetter in its class. Proven basic principles have been retained from the larger machines, for example, the direct glue application and the end trimming unit with high-tech linear guides.



Requirements on all sides

Design and quality in interior design and furniture production are influenced to a considerable extent by the edging quality. The edge processing spectrum is constantly growing; new edging materials and demanding corner processing place additional demands on the edge gluing and finishing. The KD 54 represents the perfect solution for many problems.

Edge banding material

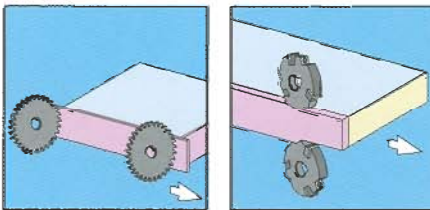
All commercially available edge materials - veneer, melamine, PVC - up to 2 mm thick can be easily processed. The machine is equipped with an automatic edging magazine for roll material as well as cut to length edges, includes a coil cut-off device as well as an 800 mm diameter roll plate as standard equipment.





... and this is what makes the KD 54 so unique:

- Small space requirement
- Extremely simple operation, short setting time
- Direct glue application with precise dosing, with glue supply below the glue roller, glue cannot escape.
- Electronic temperature monitoring
- Pressure zone with newly developed compact post pressure contact roller to optimise the upper and lower glue joints
- Precision end trimming unit with high-tech linear guides to guarantee highest trimming accuracy
- Perfect finish due to flush trimming and buffing
- Central chain track lubrication
- Central top pressure and unit height adjustment



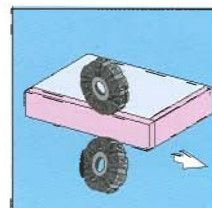
End trimming/flush trimming

Two trimming motors, each with 0,7 kW, 18.000 rpm. on high precision linear guides. Pulling cut for precise trimming on leading and trailing edges. Two trimming motors, each with 0,5 kW, 27.000 rpm. guarantee a perfect result even with difficult materials. Workpiece dependent motor run for an increased operating life.



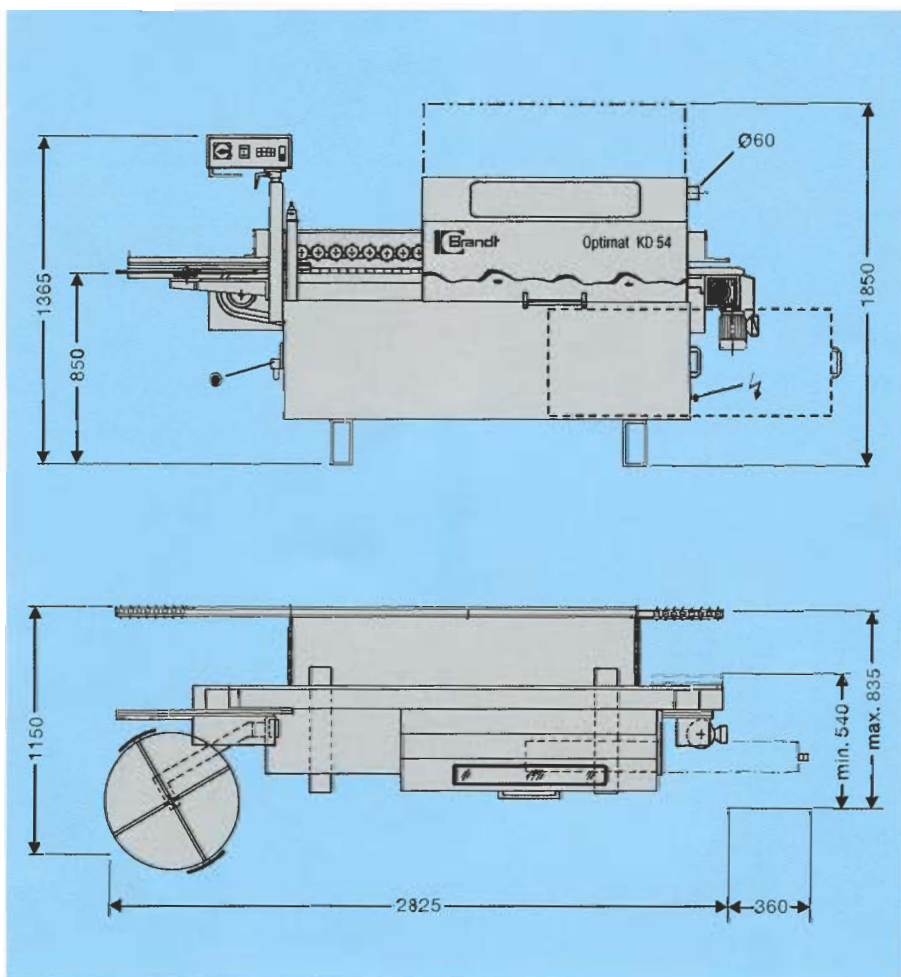
Buffing

Two motors, each with 0,1 kW, 2.750 rpm. for finishing the longitudinal edge for a perfect finish. Various discs can be used dependent upon the type of edging.



It pays to be a Brandt customer

Brandt is the worldwide leader in edge processing in the carpentry sector. Brandt products are manufactured in series using the most modern CNC controlled machining centres. This Brandt standard can only be realised using the most up to date technologies.



Brandt is present everywhere

The well established service, marketing and agencies network means short distances for you and the closest possible vicinity to the customer - worldwide. Our marketing partners and consultants know the market problems. They are from your trade and speak your language.

High degree of competence

Constant training of the sales and service personnel of our marketing partners in the Brandt training centre guarantees optimal service competence.



Technical data	Optimat KD 54
Machine length	2825 mm
Edge thickness (cut to length)	0,4-2 mm
Roll material thickness (max.)	1,0 mm
Workpiece width (min.)	60 mm
Workpiece length (min.)	140 mm
Workpiece thickness	8-40 mm
Feed speed	9m/min.
Electric	400V-3 Ph.-50Hz (special voltage possible)
Connected value	4,8 kW
Pneumatic connection	6 bar
Extraction	ø 60 mm
Weight (net)	600 kg
Noise emission value	84/85 dBCA

All rights for technical changes withheld. Individual machines shown could include options.

Your supplier,
our marketing partner:

DIN EN ISO 9001

Excellent quality

Production, service and marketing departments of the company are certified according to DIN EN ISO 9001 (TÜV CERT).



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