



Laminating machine KFK-S 1000

Application:

Thermo stabilization, calibrating

Material:

Raw cotton in which a powdery adhesive medium is inwrought.

Production:

The raw cotton runs online from the cotton layering machine into the MEYER flatbed laminating machine KFK-S 1000.

Inside the heating channel of the laminating machine, the material is compressed to a defined thickness, is heated until the activating temperature of adhesive is reached and afterwards, it is calibrated inside two calender devices. In the immediately following MEYER flat cooling station KDF 1000, the goods are re-cooled by means of exhausting air. Then, the material is punched into form parts.

Technical data

KFK-S 1000

Length	3,400 mm
Width	1,500 mm
Height	1,600 mm
Weight	approx. 2.5 tons
Connected load current	57 kW
Connected load air	6 bar
Height adjustment	0 – 150 mm
Level adjustment of top pressure roller	- 3 to + 7 mm
Speed of conveyor belt	2 – 14 m/min.
Working temperature	max. 220° C
Working width	900 mm
Pressure	0 – 18 N/cm ²
Length of heating system	1,230 mm
Heating capacity	approx. 50.4 kW
Number of heating elements	72
Number of control zones in run direction	2
Number of control zones in cross direction	1
Total number of control zones (top + bottom)	4

Option:

Additional pair of steel pressure roller with own drive

KDF 1000

Length	1,500 mm
Width	1,500 mm
Height	1,600 mm
Weight	approx. 1.5 tons
Connected load current	5 kW
Air cooling air circulation	40 m ³ /min.
Height adjustment	0 – 150 mm
Speed of conveyor belt	2 – 14 m/min.
Working width	900 mm