

Edge banding machines Optimat KDN 980 2C + KDF 990 2C



Perfect edges for sophisticated customers

Optimat: Hi-Tech needn't cost more

In "Optimat 2", the Homag Group presents a new generation of machines for the wood processing industry and woodworking, which are even more tailored to the requirements of our customers.

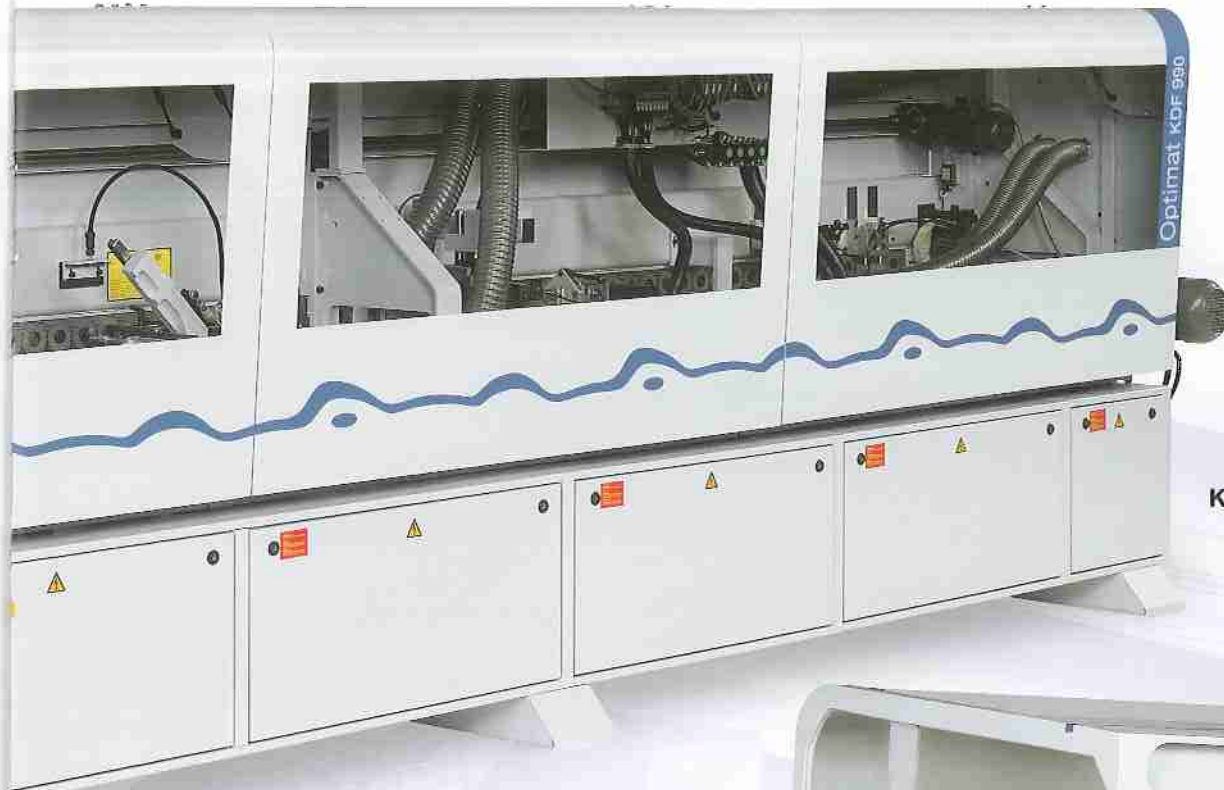
All Optimat machines share the same leading edge technology, the same legendary quality and the reliability associated with the Homag Group. And since Optimat machines are produced in series, you can also reap the financial benefits.

Pioneering machine design

Besides their groundbreaking technology, the Optimat KDN 980 2C - KDF 990 2C also set new standards in machine design, guaranteeing maximum value retention over many years.



BRANDT



KDF 990 2C



KDF 990 2C

www.hoechsmann.com

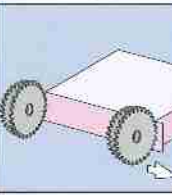
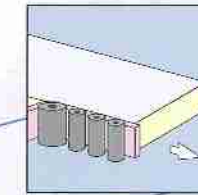
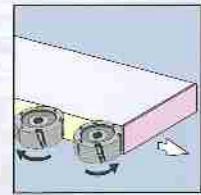
User-friendly processing units

Efficient processing units for flexible production

All processing units share high precision quick changeover, service-friendly design and a high safety standard.

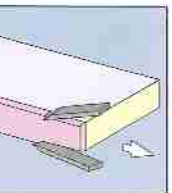
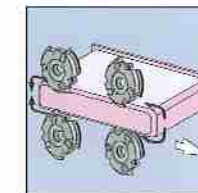
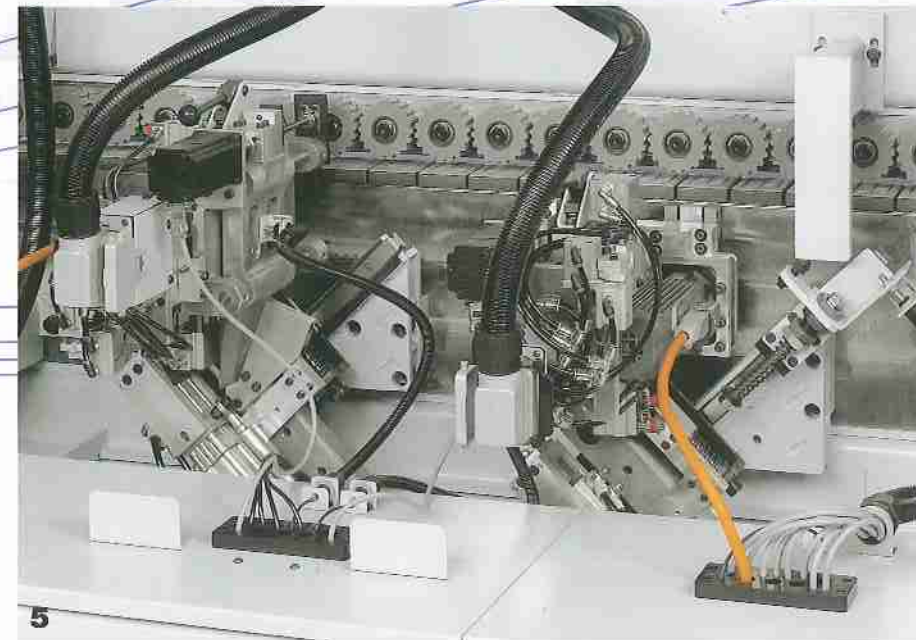


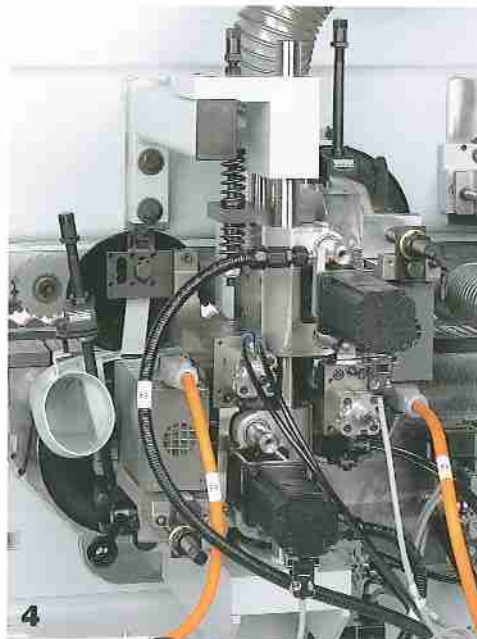
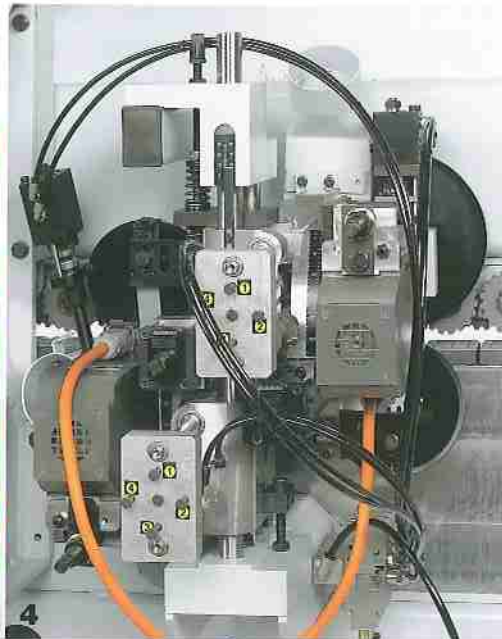
Automatic infeed device for coil material from outside of the hood area (optional).



Machine control

All standard models are equipped with PC 16 comfort control, which is very simple and clear to operate. Set-up times are significantly reduced as numerous processing programs can be saved and recalled within seconds. Operating data and plain text diagnostics are also included as standard. The standard modem allows for remote diagnosis.





1. Joint trimming unit

For optimal edge quality. Two cutting motors of 2.2 kW each, 12.000 rpm, equipped with diamond cutters. Rotating direction: synchronus / counter direction.

2. QUICKMELT gluing unit

Leak-proof quick-heating container inc. QUICKMELT pre-melt unit. Infrared heating system for increased gluing quality. Automatic edge infeed for coils and fixed lengths.

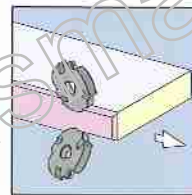
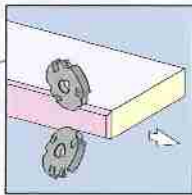
3. End trimming unit, straight/bevel

Two trimming motors of 0.8 kW each 12.000 rpm including pneumatic straight / bevel trimming.

4. Flush trimming combination unit

Two flush trimming unit with two trimming motors each, each swivelling through 0 - 25°.

1st unit with 2 motors, each 1.5 kW 200 Hz, 12.000 rpm for straight / chamfer milling, with pneumatic adjustment.
2nd unit with 2 motors, each 0.55 kW 200 Hz, 12.000 rpm equipped with combination cutter radius / chamfer with pneumatic adjustment (optional).



5. Contour trimming unit

For corner radiusing. Two motors of 0.35 kW each, 12,000 rpm, equipped with radius insert cutters.

6. Profile scraping unit/Radius - chamfer

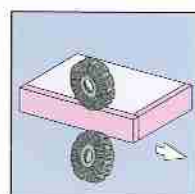
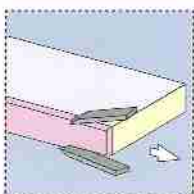
For scraping / smoothing of radii or chamfers. With pneumatic adjustment from control console (optional).

Surface scraping unit (optional)

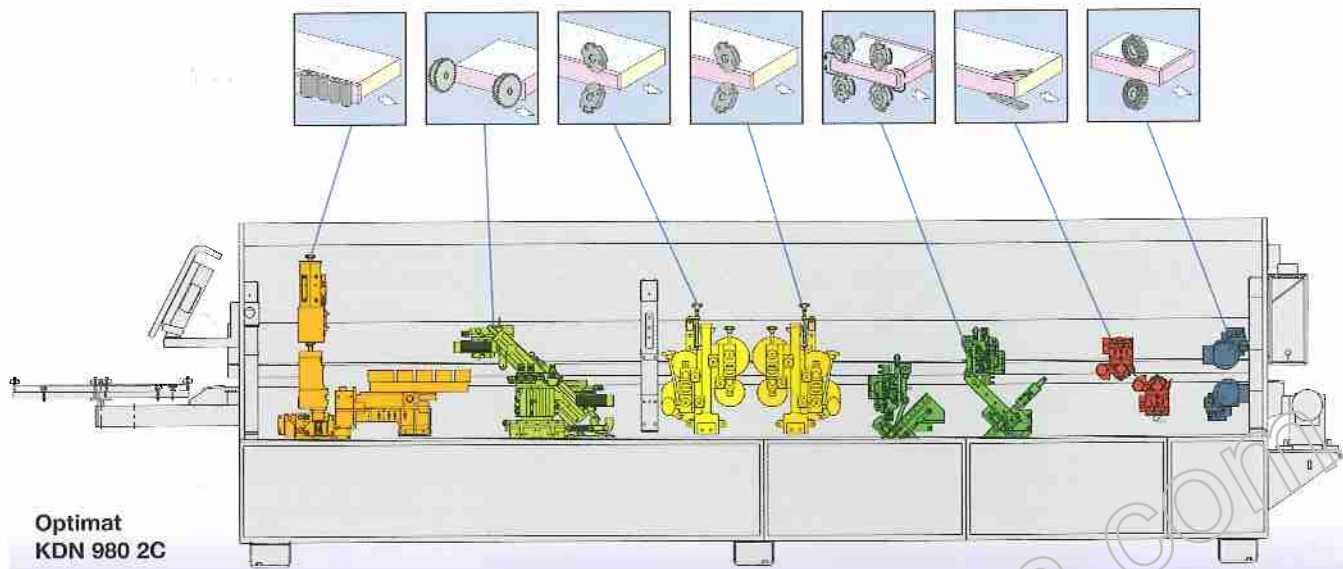
For scraping and/or cleaning of workpiece surfaces in glue jointing area to remove residual hot melt. Pneumatic blow-off device for cleaning cutting edges, as well as pneumatic adjustment.

7. Buffing unit

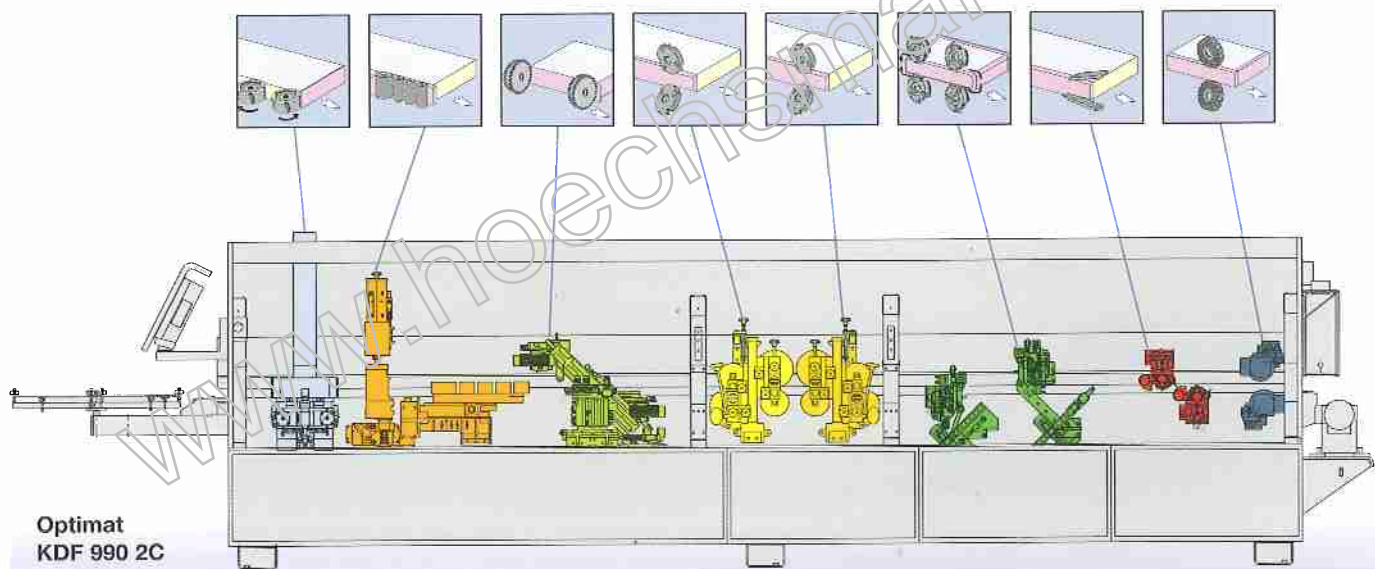
For polishing of edges. 2 motors of 0.18kW each (with optional Oscillation device and pneumatic insertion control).



Technical data



**Optimat
KDN 980 2C**



**Optimat
KDF 990 2C**

	KDN 980 2C	KDF 990 2C
Machine length (mm)	7360	7860
Connected load (kW)	16	23
Weight (kg)	2650	3150
Dust outlet diameter (mm)	1x160/1x100	1x120/1x160/1x100
Feed speed (m/min)		12 - 20 vari.
Machine dimensions WxH (mm)		1000 x 1700
Workpiece thickness (mm)		8 - 60
Edge thickness (mm)		0,4 - 20
Coil cut-off (mm)		3,0 x 45/1 x 65
Working height (mm)		950
Power		400 V - 3 Ph - 50 Hz
Air pressure requirements (bar)		6
Noise emission (dBCA)		84/85