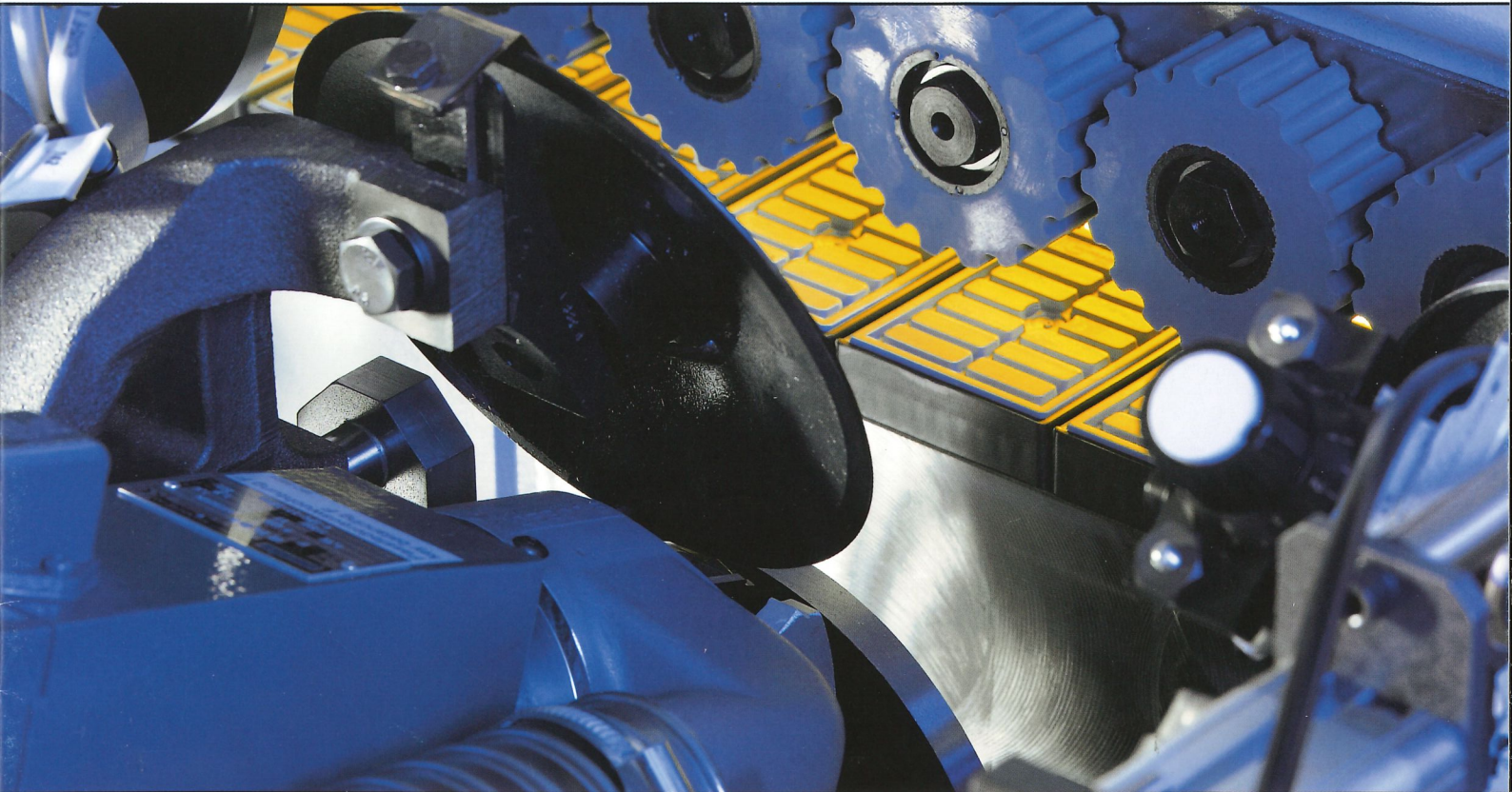


# Edge banding machines

## Optimat KDN 520 - KDF 540 2C





# Perfect edges for quality oriented customers



Brandt is the member of the HOMAG group of companies which offers innovative and performance oriented solutions for edge banding machines for the trade and interior furnishings.

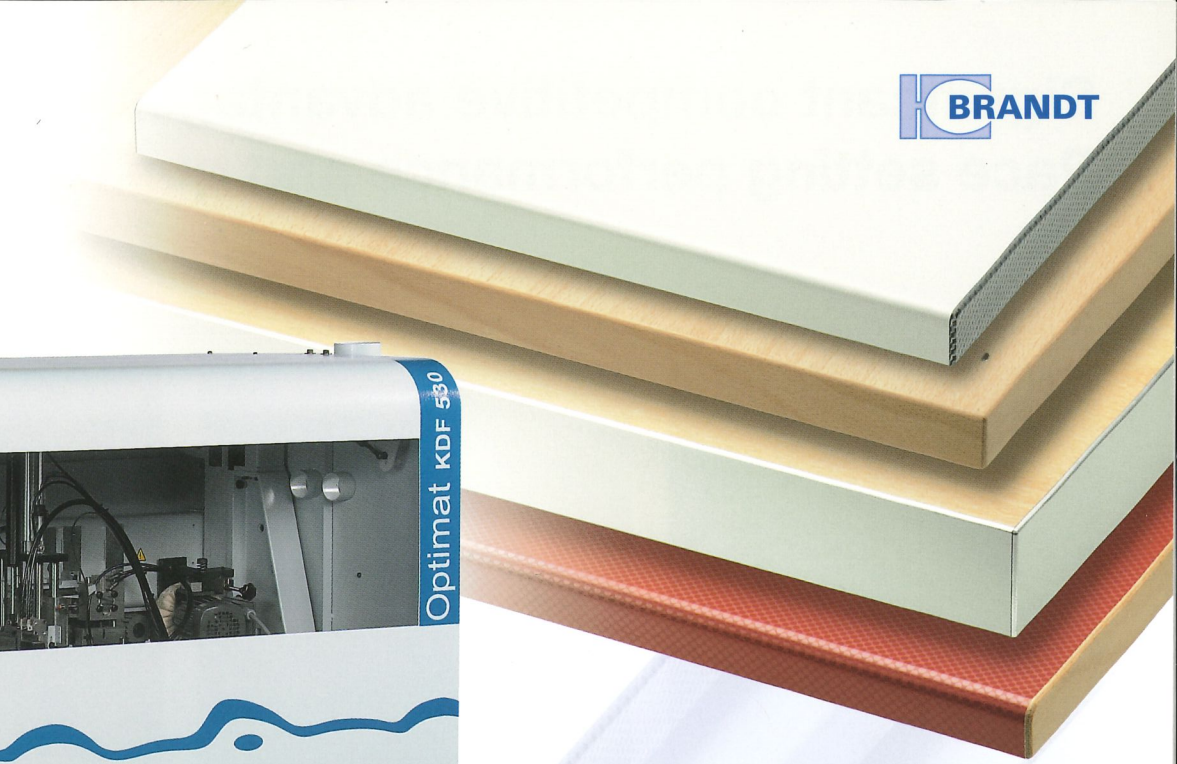
All developments are focused on practice oriented solutions devised to offer our customers a long-term competitive advantage.

Economic efficiency and quality paired with flexibility and high ease of operation have utmost priority.

The KDN/KDF 500 series with its extremely compact design translates this claim in an optimal way.



Optimat KDF 530 C



## A control system focused on the operator

### Power Control PC 16:

- All functions are button controlled from the operating panel
- Short set-up times times by calling up processing programs
- Fault diagnosis in plain text
- Production data acquisition
- Self-explicatory operator guidance
- Graphical surface with pictographs



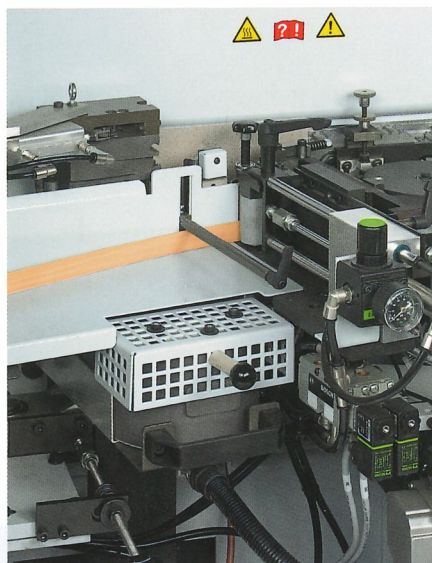


# Significant competitive advantages - Pace setting performance and quality



## Joint trimming unit

Perfect cut and high operating life due to diamond tipped tools.



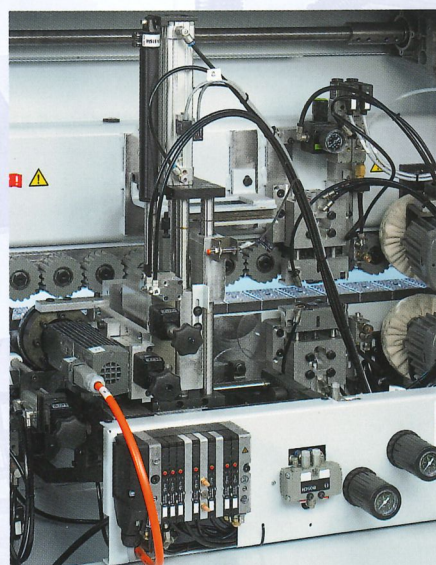
## Magazine

Coil and automatic strip magazine with optical edging material monitoring for a reliable material supply.



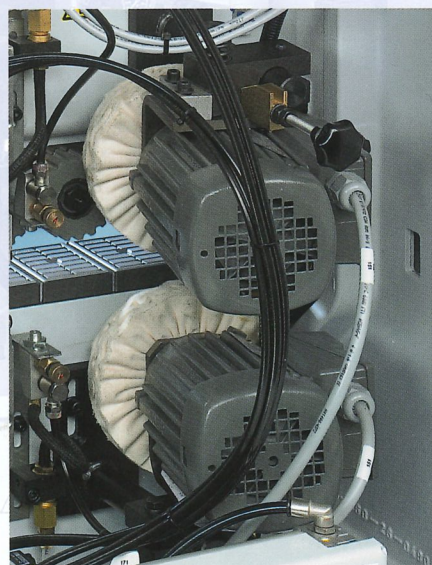
## Pressure zone

Heavy pressure zone (up to 8 mm) to ensure an optimum joint quality.



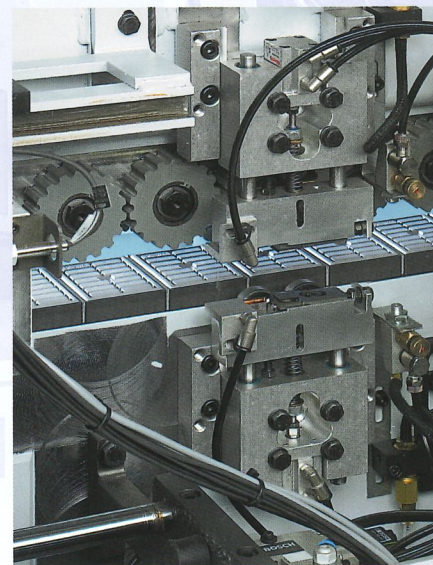
## Profile trim unit

Optimum profile cutting without adjustment and set up work resulting from the coupled DIA tool and tracer roller.



## Buffing unit

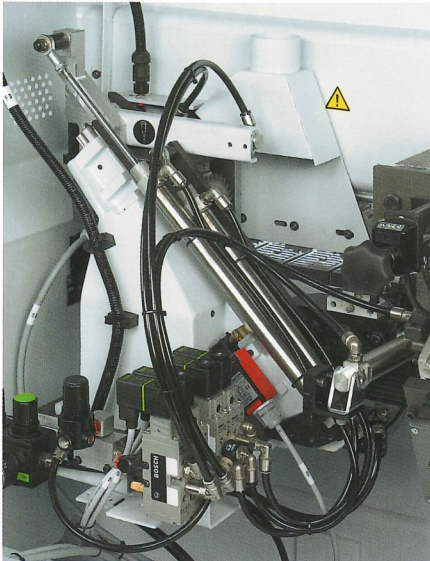
To polish edges and maintain the natural colour.



## Surface scraping unit (option)

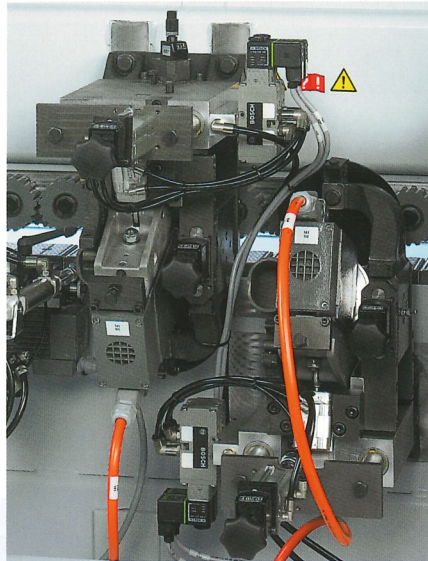
For finishing the glue joint area to ensure high quality finish.





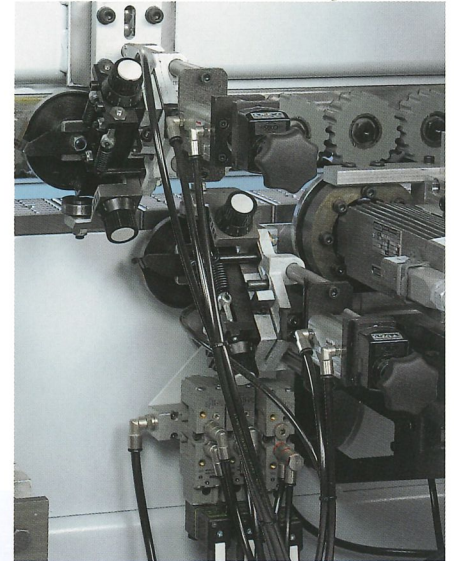
**Snipping unit**

Perfect end-cut by the precision end trim unit equipped with THK guides.



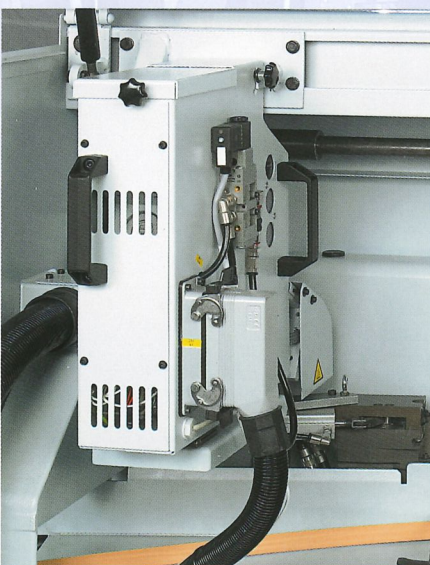
**Trimming unit**

Multi-functional trimming unit with DFC tool technology for optimum extraction.



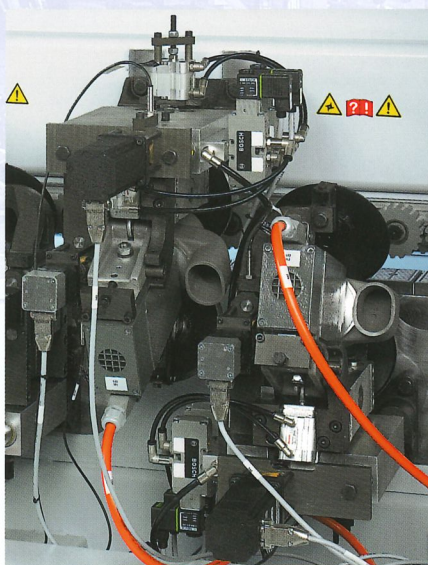
**Scraper unit**

Scraper unit to smooth radii or chamfers.



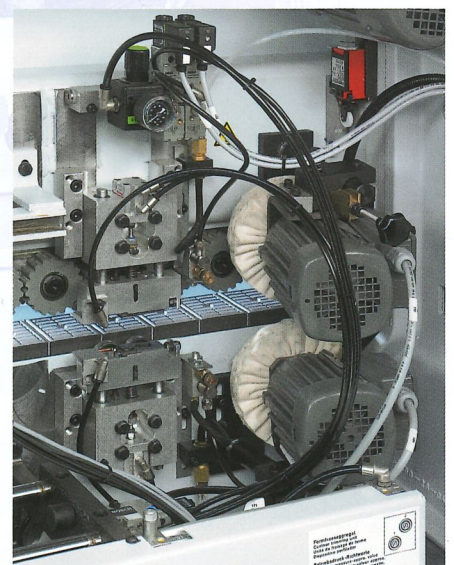
**Premelter (option)**

High availability and optimum glue quality due to the Quickmelt gluing station.



**Multi-functional trimming unit (option)**

Flexibility for various edging material thicknesses and profiles by NC servo motor positioning.

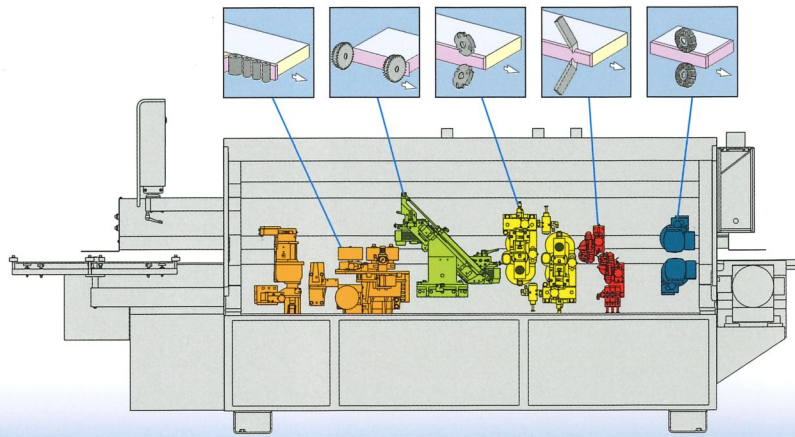


**Finishing group (option)**

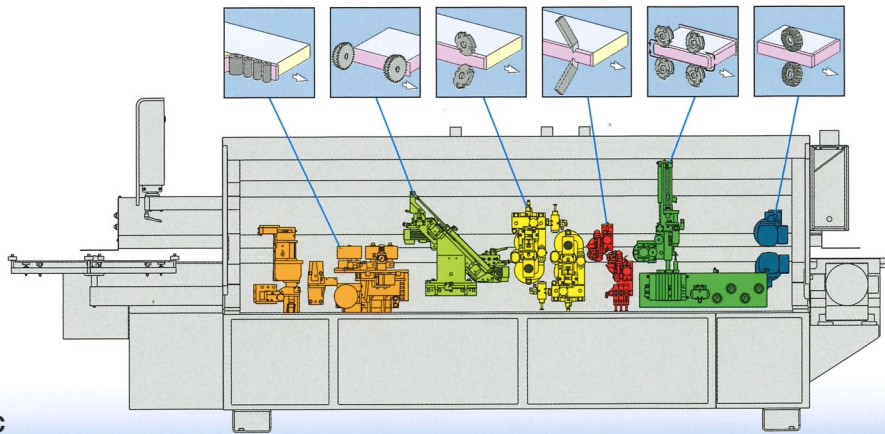
Optimum finish by the use of release and cleaning agents primarily for PUR glue.



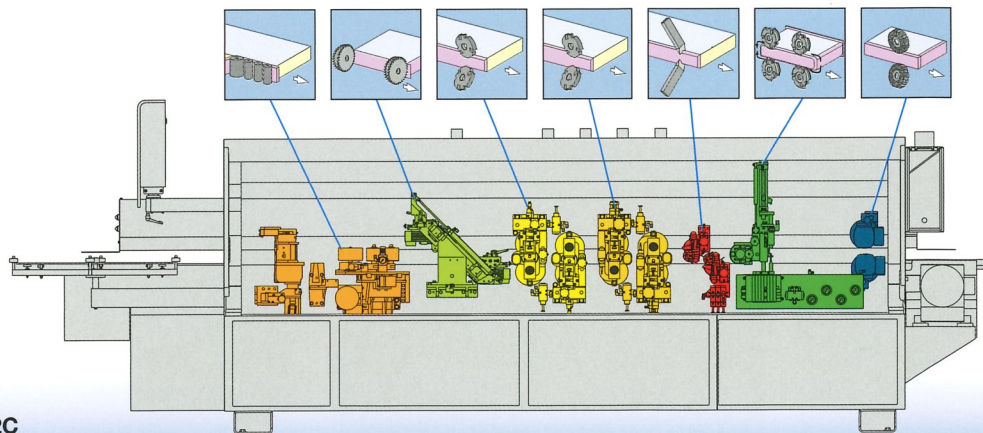
# The perfect solution, always



**Optimat  
KDN 520**

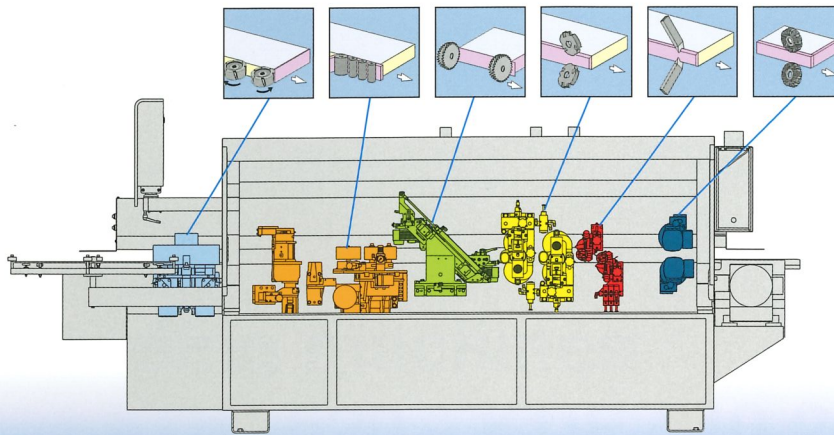


**Optimat  
KDN 530 C**

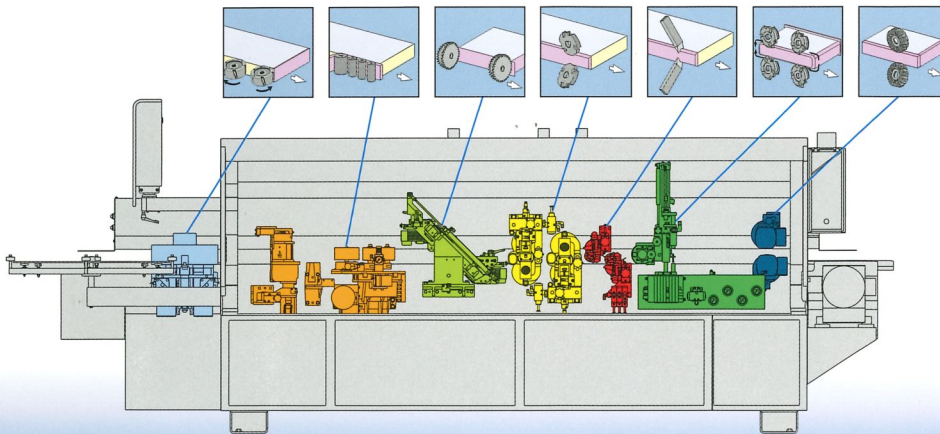


**Optimat  
KDN 540 2C**

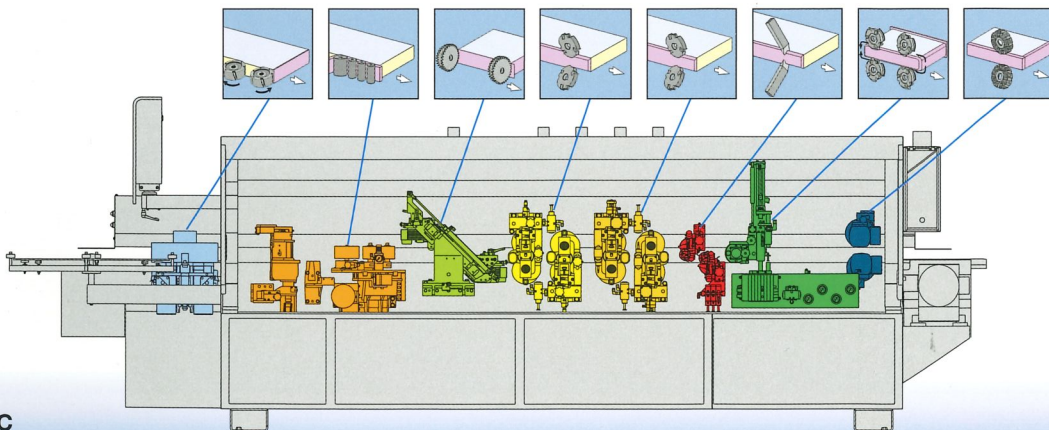
	<b>KDN 520</b>	<b>KDN 530 C</b>	<b>KDN 540 2C</b>
Machine length (mm)	4270	4770	5270
Connected value (kW)	5,5	6	7
Weight (kg)	1650	1700	1800
Extraction diameter (mm)	3x60/1x100	3x60/1x100	5x60/1x100
Feed speed (m/min)		11	
Machine dimensions WxH (mm)		900 x 1750	
Workpiece thickness (mm)		8 - 50	
Edging material thickness (mm)		0,4 - 8	
Coil cut-off (mm)		max. 3,0 x 45 / 1,0 x 55	
Working height (mm)		950	
Electrics		400 V - 3 Ph - 50 Hz	
Pneumatics (bar)		6	
Noise emission value (dBA)		84/85	



**Optimat  
KDF 520**



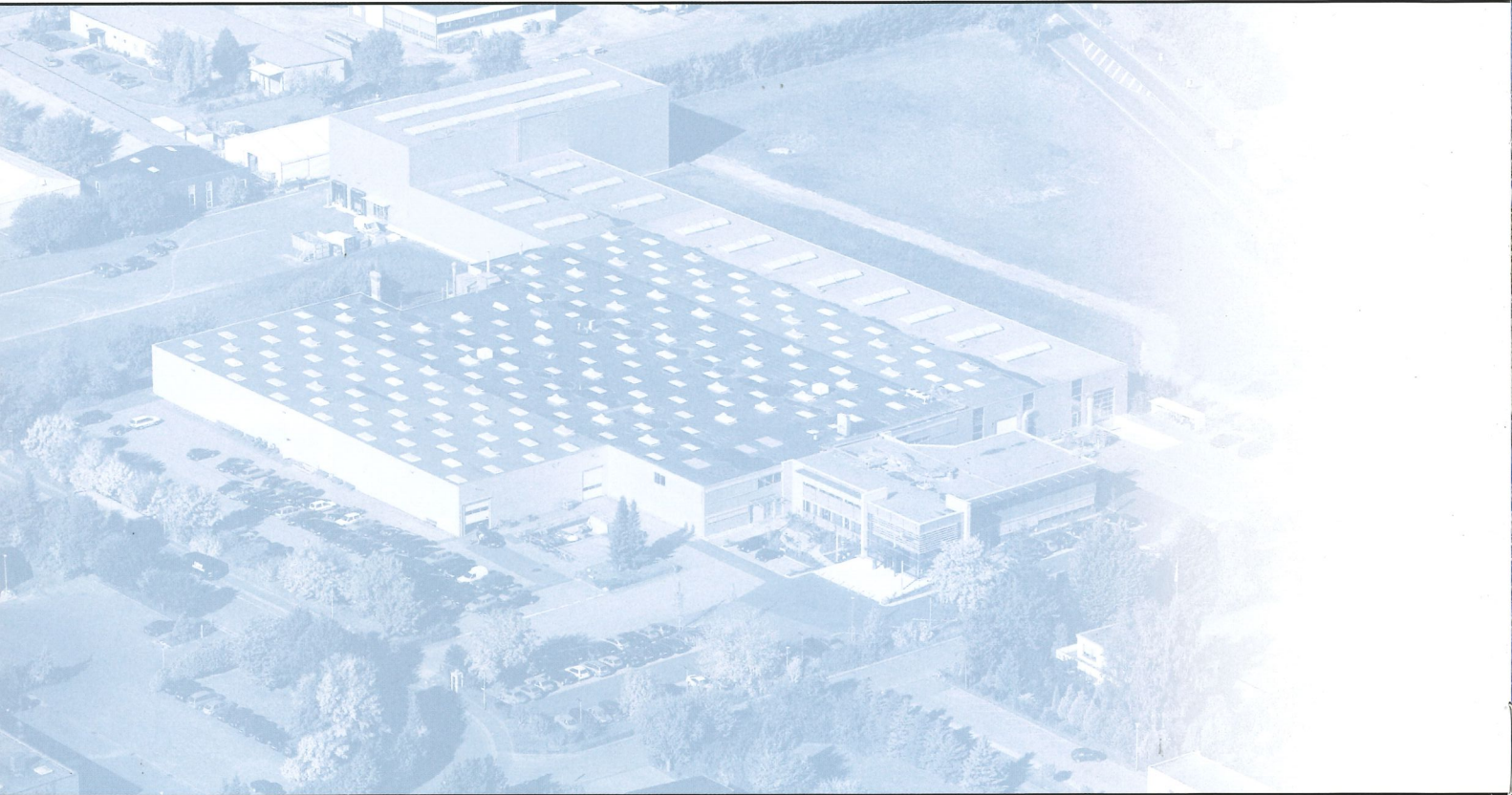
**Optimat  
KDF 530 C**



**Optimat  
KDF 540 2C**

	<b>KDF 520</b>	<b>KDF 530 C</b>	<b>KDF 540 2C</b>
Machine length (mm)	4270	4770	5270
Connected value (kW)	10	10,5	11,5
Weight (kg)	1800	1900	2000
Extraction diameter (mm)	1x120/3x60/1x100	1x120/3x60/1x100	1x120/5x60/1x100
Feed speed (m/min)		11	
Machine dimensions WxH (mm)		900 x 1750	
Workpiece thickness (mm)		8 - 50	
Edging material thickness (mm)		0,4 - 8	
Coil cut-off (mm)		max. 3,0 x 45 / 1,0 x 55	
Working height (mm)		950	
Electrics		400 V - 3 Ph - 50 Hz	
Pneumatics (bar)		6	
Noise emission value (dBA)		84/85	





A member of the Homag group of companies



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