



Edge banding machines Optimat KD 66 - 69/2 CF

**Most modern
technique in a new
and attractive design**

High quality edges for demanding customers

One series to meet (virtually) all requirements

Brandt's newly developed series KD 66 - 69/2 CF offers you state of the art, low maintenance processing technology suitable for performing all takes in the area of high quality edge banding - at surprisingly good value for money. You can choose your „Optimat“ from seven completely equipped models.

The new entire machine covering comes up today with the safety requirements of the future.

New contour trimming technology

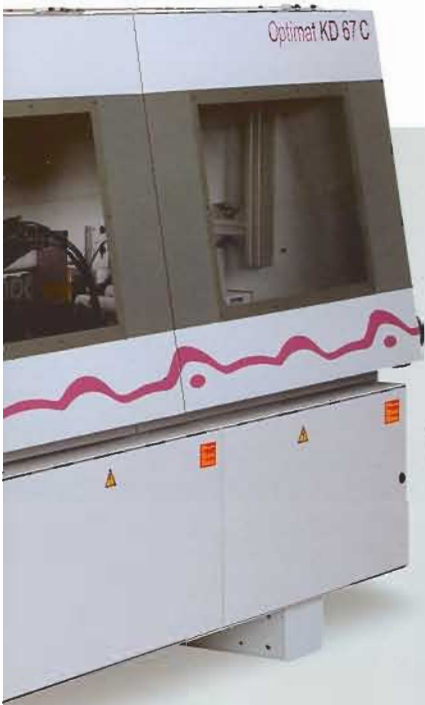
The contour trimming unit was particularly designed for this new series and is, therefore, absolutely state of the art. The most important objective of development was the extremely low resetting time besides a high degree of precision.

Useful automatisatisation

Today's life seems to be unimaginable without electronics. The following features belong to the standard equipment of this new series:

- Electronic line control
- Electronic frequency changer, resistant to wear with integrated motor brake
- Central lubrication of chain track
- Electronic glue temperature control with automatic temperature reduction during extended working breaks
- Preparation for future oriented remote diagnostics





Optimat KD 67 C



Optimat KD 69/2 CF

High capacity processing units for flexible production

All of the processing units share the same high precision - the basis for optimal processing quality. Quickly changeable, low maintenance construction as well as high safety standards are additional features.

Trouble free gluing

KD 66 - 69/2 CF are fitted with the same leak proof glue container as the larger successful KD-series. Commercially available granulate is processed, the glue quantity can be precisely dosed.

The standard machines are already equipped with an automatic roll magazine, also for 3 mm thick PVC edges, fixed lengths can also be processed without problems.

Machines designed for the future

Besides the convincing technology this newly developed series has set new standards in machine design. A maximum value over many years can be expected.

User friendly processing units

High Capacity processing units for flexible production

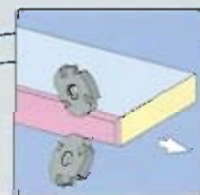
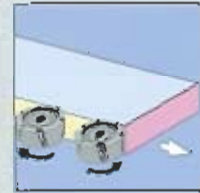
All of the processing units share the same high precision - the basis for optimal processing quality. Quickly changeable, low maintenance construction as well as high safety standards are standard features.

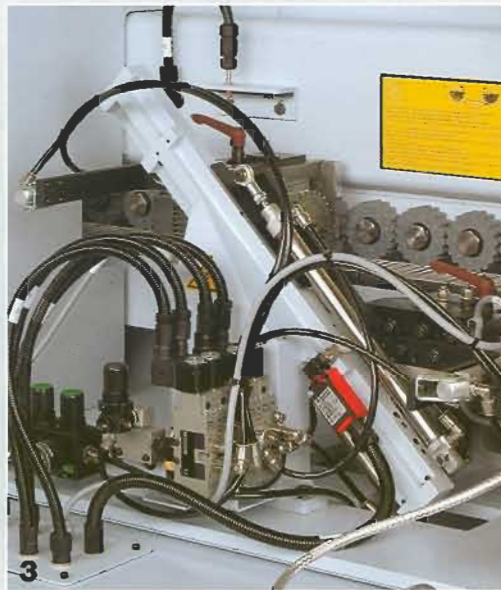
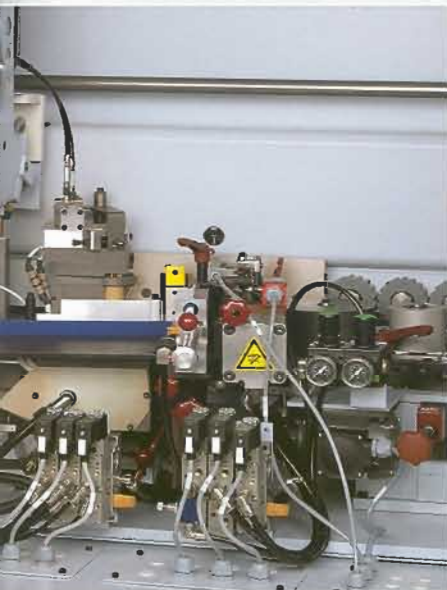


The NC02 control, shown in the picture above, belongs to the standard equipment of the KD 66 - 69/2 CF series, which even offers a high degree of operating comfort, e.g. the red/green panel distance control for the operator. Optionally all machines of this series may also be equipped with the comfortable PC 16 control (see pictures on the bottom of this page).

Additional Highlights:

- Electronic line control
- Automatic temperature reduction during extended working breaks
- Infra-red heater for glue activation when working with problematic materials
- Electronic frequency changer including automatic motor braking
- Central chain track lubrication





1. Jointing Trimming Unit

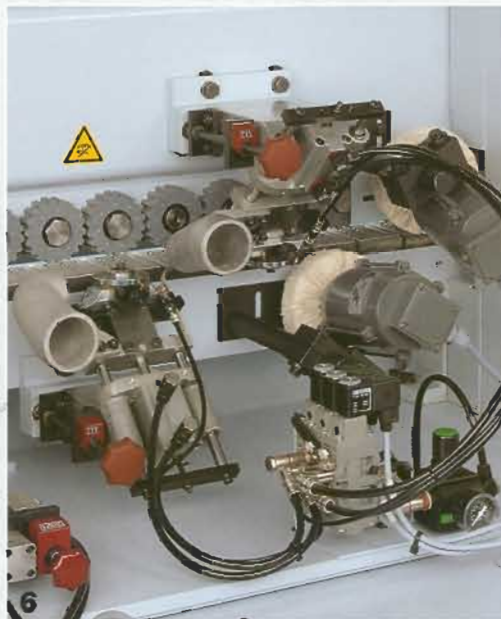
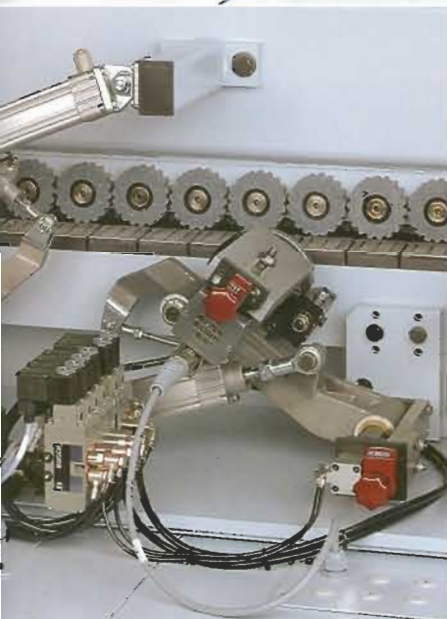
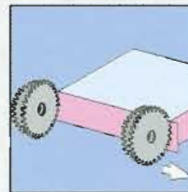
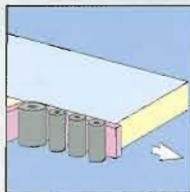
Two trimming motors each 2,2 kW, 12.000 rpm, synchronous/opposite rotation, equipped with standard diamond joint cutter heads. For follow-up trimming of sawn workpiece edges in order to achieve optimal edges quality.

2. Standard Gluing Unit

Leak-proof quick heating tank (QUICKMELT available as option). Infra-red heater. Automatic edge infeed for rolls and strips.

3. End Trimming Unit Chamfer/Straight

Two trimming motors each 0,35 kW, 12.000 rpm. Drawing cut for high accuracy, high precision linear guidance.



4. Flush Trimming Unit

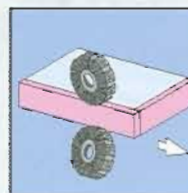
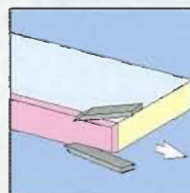
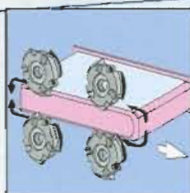
Two trimming motors each 0,55 kW, 12.000 rpm, swivelling from 0 - 25 degrees. Equipped with insert combination cutting tools radius/straight. Digital counter for quick adjustments. Depending on the machine model, either one or two working stations are mounted.

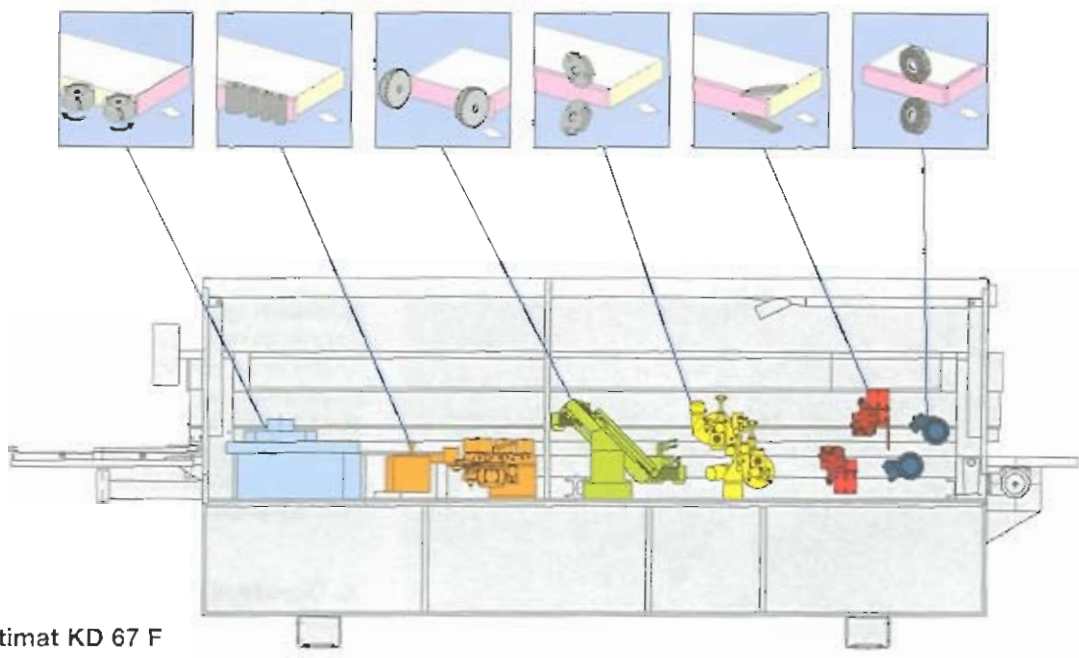
5. Form Trimming Unit

For rounding corners of thick PVC edges as well as narrow edges on postforming and softforming parts. Two motors each 0,35 kW, 12.000 rpm, equipped with reversible tip-radius cutting tools R = 3 mm.

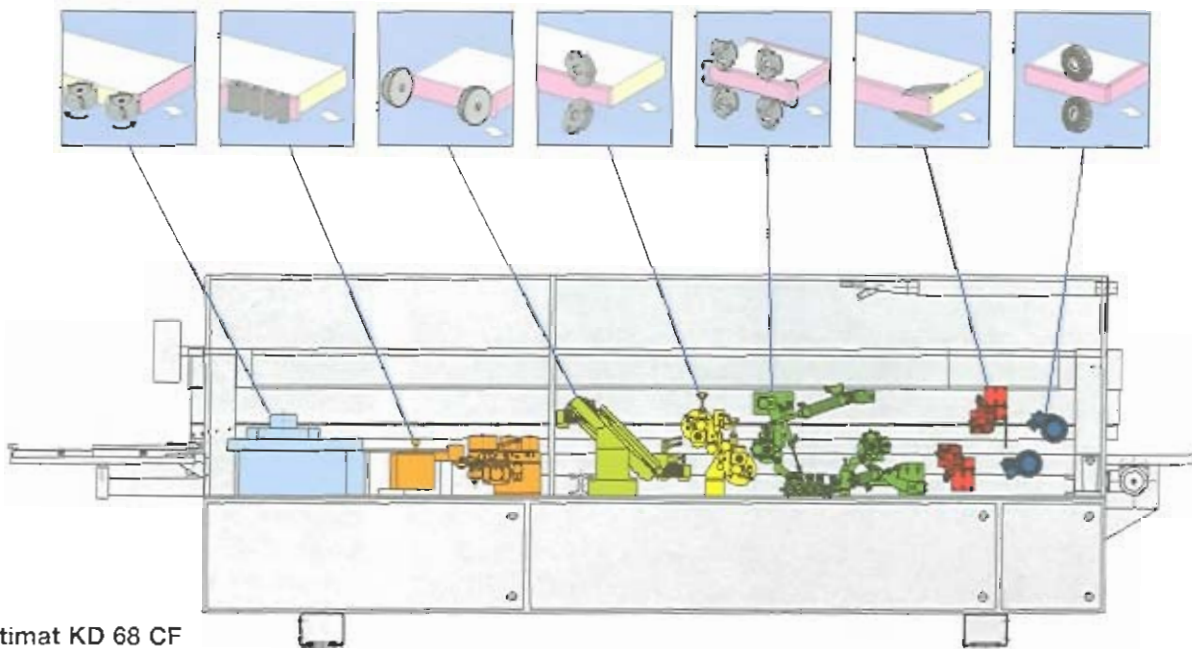
6. Scraper/Buffering

For smoothing pretrimmed thick PVC edges (radius or chamfer) to remove cutter marks as well as for final finishing. Standard equipment of the scraping unit with 2 quickly changeable tools for different radii.

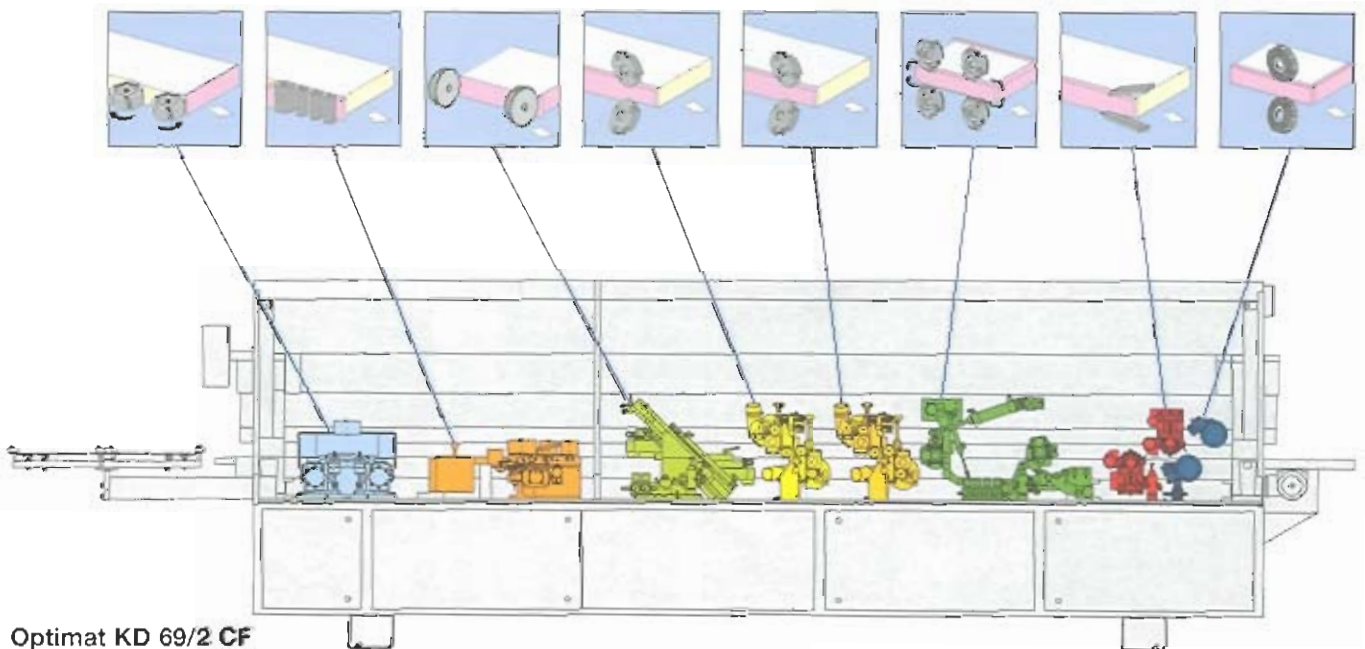




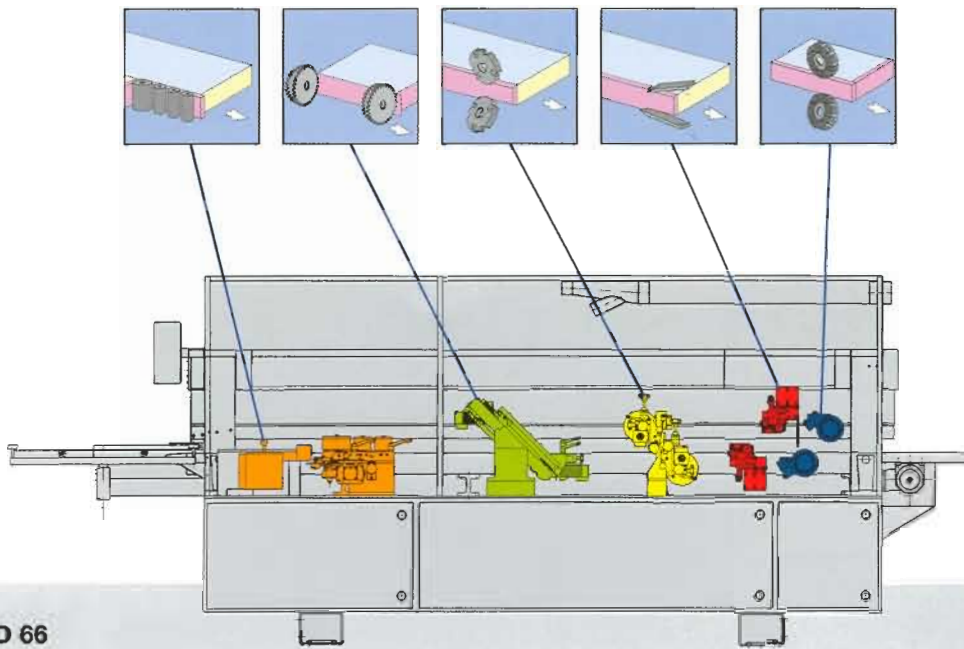
Optimat KD 67 F



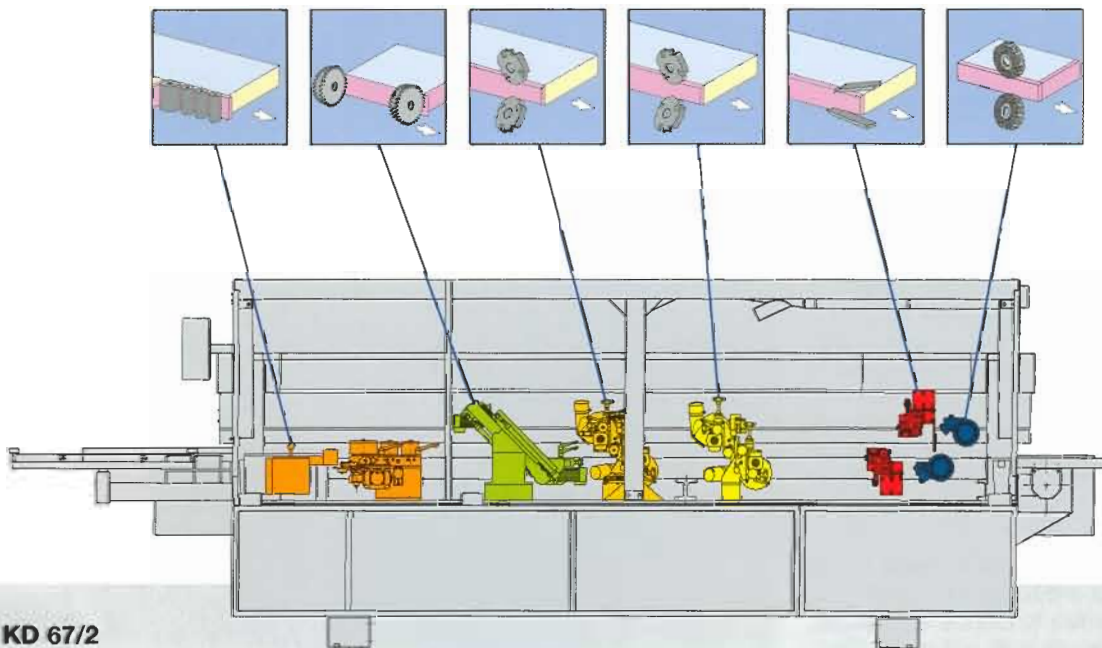
Optimat KD 68 CF



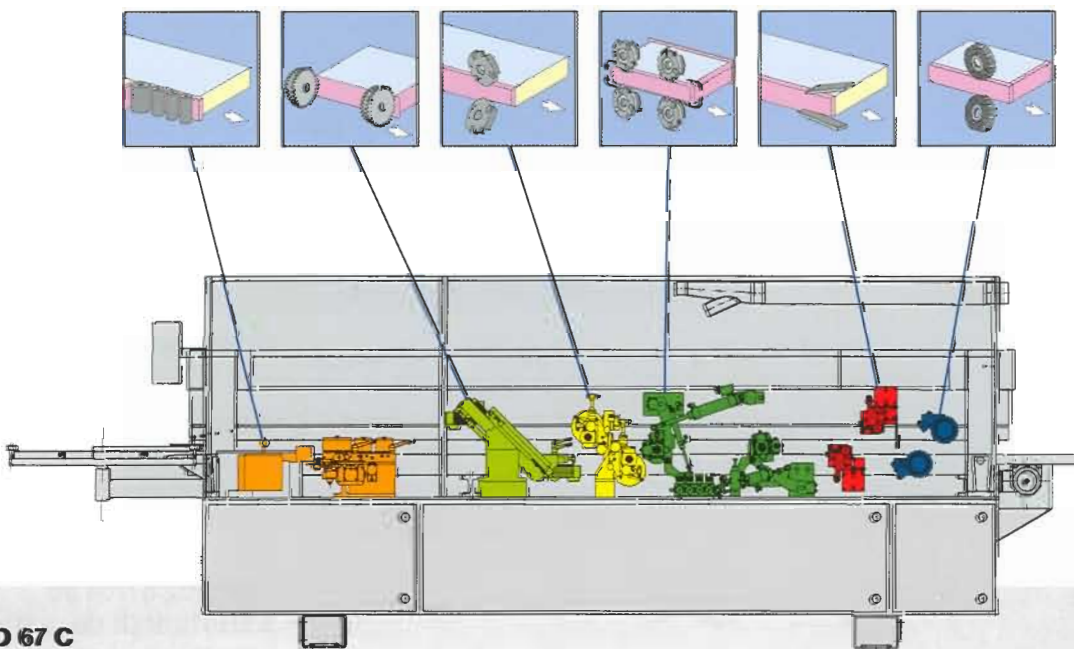
Optimat KD 69/2 CF



Optimat KD 66

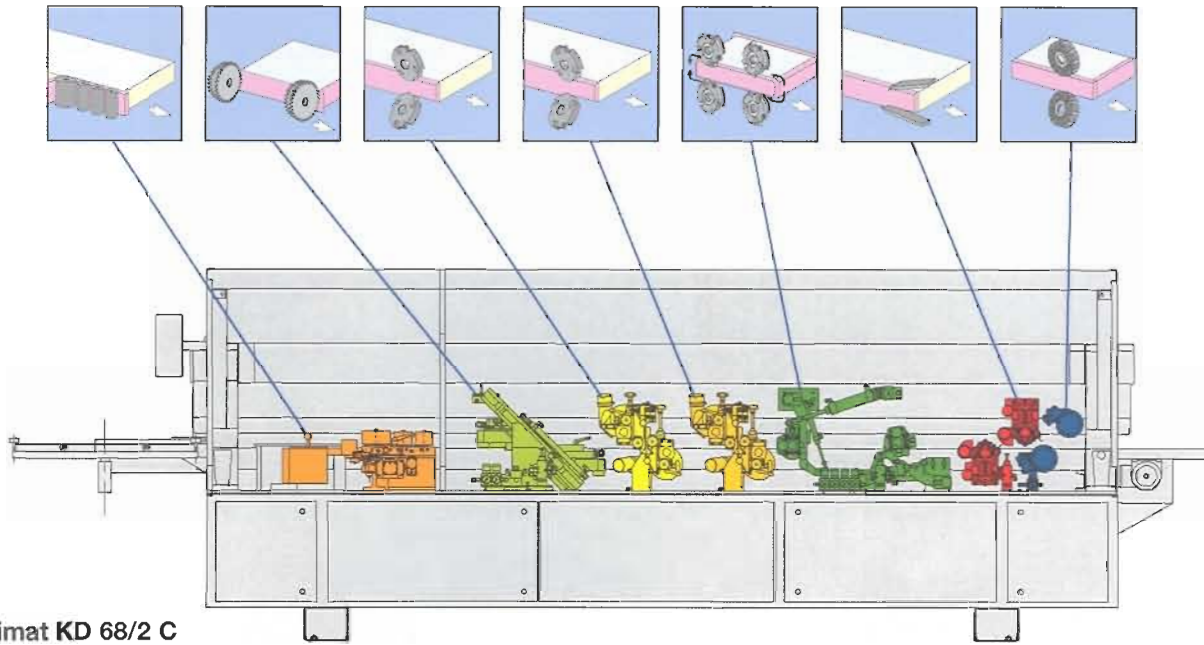


Optimat KD 67/2



Optimat KD 67 C

Technical Data



	KD 67 F	KD 68 CF	KD 69/2 CF
Machine length (mm)	5240	5740	6240
Connected load (kW)	11	12	14
Weight (kg)	1950	2200	2400
Extraction diameter (mm)	1 x 100 1 x 120	1 x 100 1 x 120	1 x 120 1 x 140
Feed speed (m/min)		11	
Machine dimension W x H (mm)		1320 x 1630	
Workpiece thickness (mm)		8 - 40	
Workpiece width min. (mm)		65	
Workpiece length min. (mm)		160	
Edge thickness (mm)		0,4 - 8	
Coil cut off (mm)		max. 3 x 45	
Working height (mm)		890	
Electric connection		400 V - 3 Ph. - 50 Hz.	
Pneumatic connection		6 bar	
Noise emission level		84/85 dBCA	

	KD 66	KD 67/2	KD 67 C	KD 68/2 C
Machine length (mm)	4740	5240	5240	5740
Connected load (kW)	6	7	7	9
Weight (kg)	1700	1950	1950	2200
Extraction diameter (mm)	1 x 100	1 x 140	1 x 100	1 x 140
Feed speed (m/min)		11		
Machine dimension W x H (mm)		1320 x 1630		
Workpiece thickness (mm)		8 - 40		
Workpiece width min. (mm)		65		
Workpiece length min. (mm)		160		
Edge thickness (mm)		0,4 - 8		
Coil cut off (mm)		max. 3 x 45		
Working height (mm)		890		
Electric connection		400 V - 3 Ph. - 50 Hz.		
Pneumatic connection		6 bar		
Noise emission level		84/85 dBCA		

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.

DIN EN ISO 9001

Excellent quality

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

Same parts, simple handling

Many parts, control elements and subassemblies are identical for Homag Group machines and equipment. This makes operating them easier, simplifies the stock-keeping of spare parts and speeds up maintenance and service.

