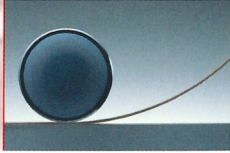


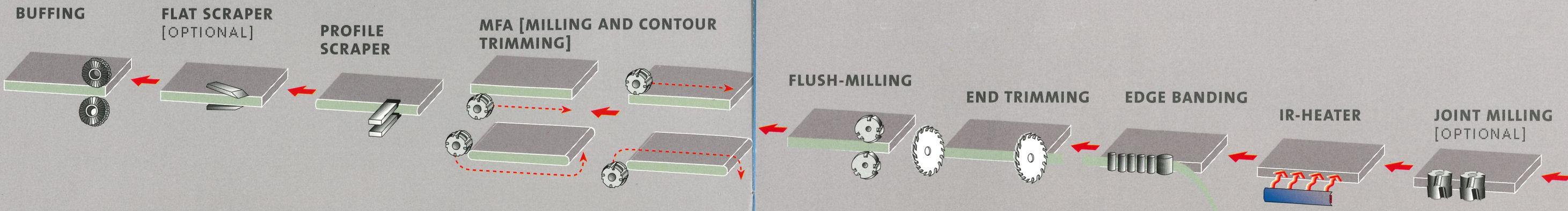
 **EXPERT**



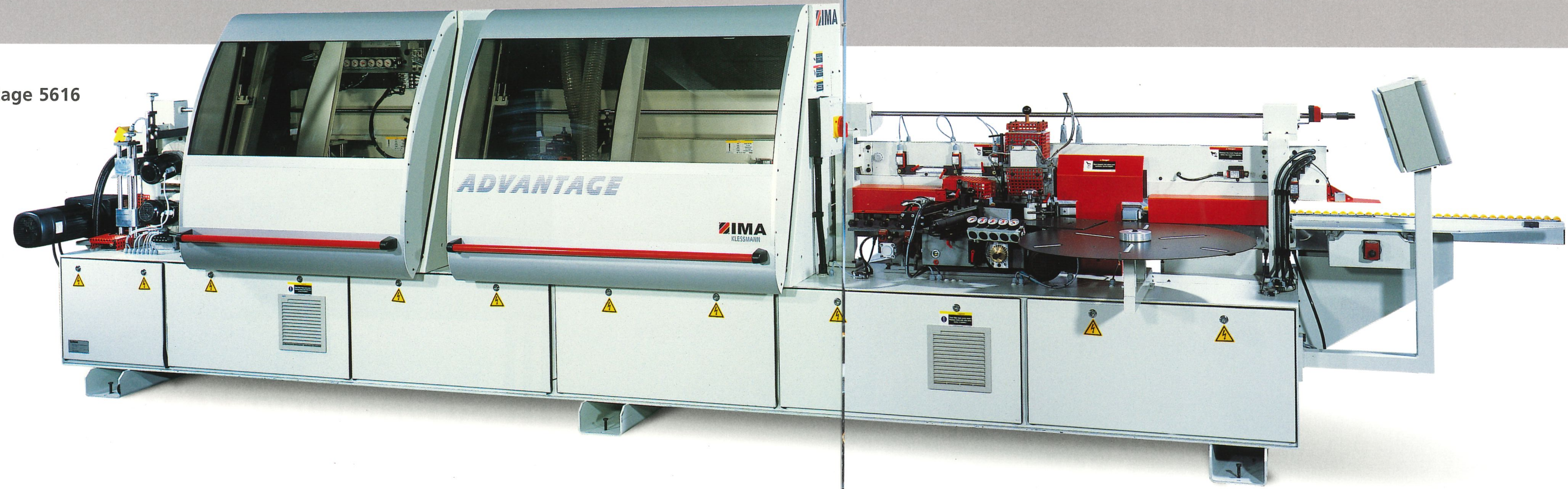
 Advantage **5616 | 6616**

for efficient and complete processing

 **IMA**



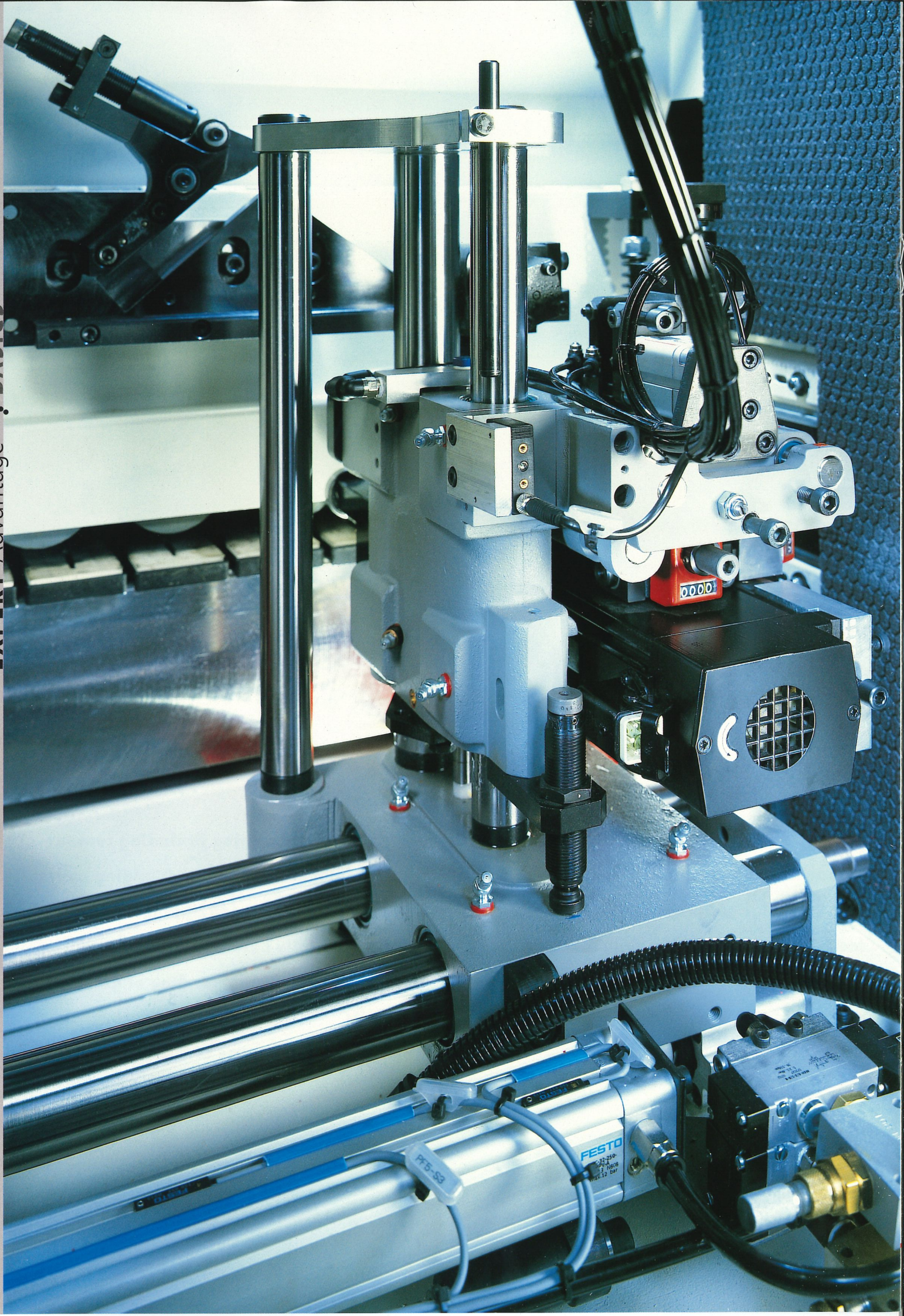
Advantage 5616



# Advantage **5616** | **6616** for more efficient production

Advantage 5616 | 6616 – for perfect and reliable throughfeed edge banding.  
The Advantage 5616 | 6616 is characterized by a feed speed of 16m/min, a solid machine body and long-life precision working units - over 50 years of IMA know-how for professional production:

- ❖ Complete processing (including contour trimming) of thin, and thick edging material as well as solid wood lippings
- ❖ User-friendly basic equipment
- ❖ Such as smoothing, sanding or grooving units
- ❖ Safe and proper use of PUR hot-melt glue

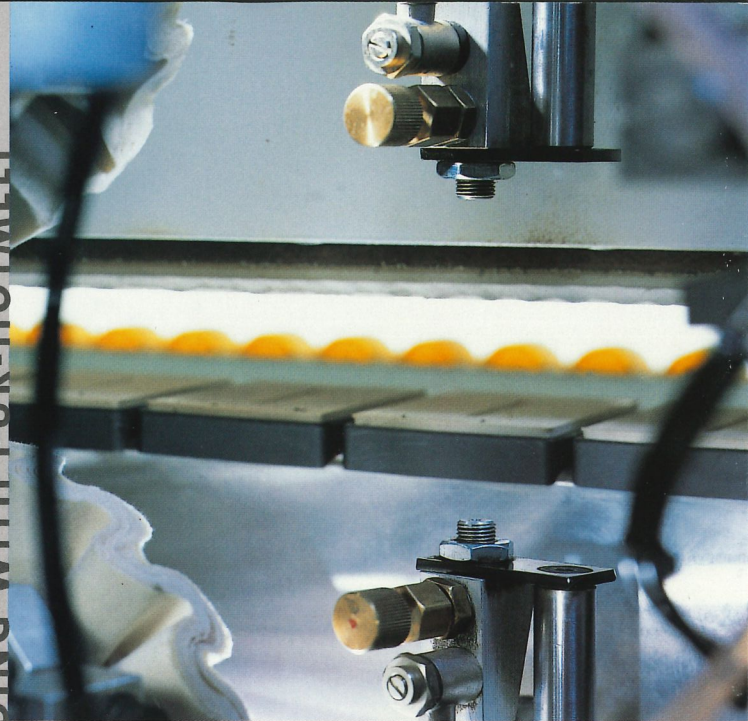


## PUR-hot-melt glue

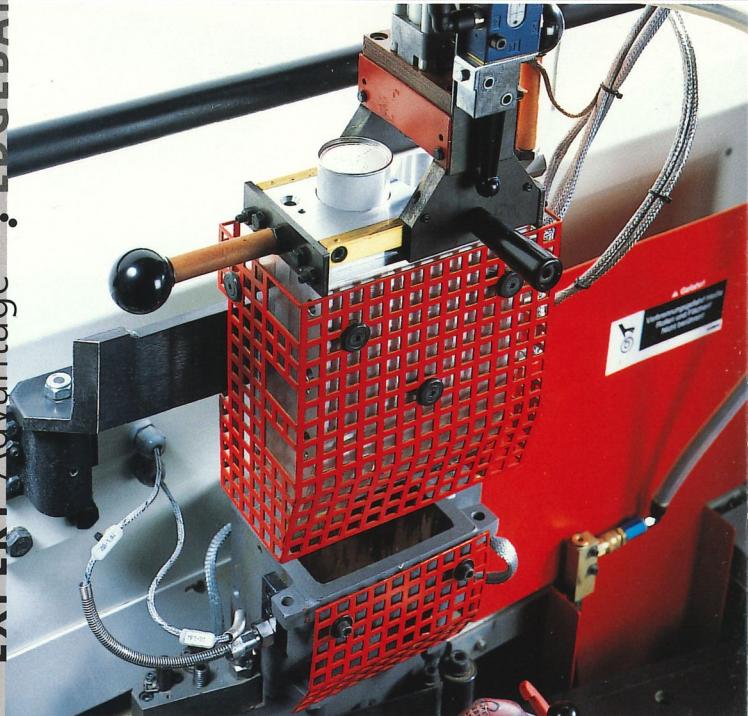
Easy use of water and temperature-resistant PUR hot-melt glue

- ❖ User-friendly set-up with *quick-lock*-glue applicator. The glue applicators are replaced within seconds. The pneumatically controlled bayonet joint is the user-friendly and safe interface between the glue applicator and the gearbox.
- ❖ Cost-effective melting of the PUR adhesive using the semi-automatic PUR pre-melting unit for 310g cartridges
- ❖ Applicator for anti-stick solvent and cleaning agent for a perfect finish

EXPERT Advantage ❖ EDGE-BANDING WITH PUR-HOTMELT

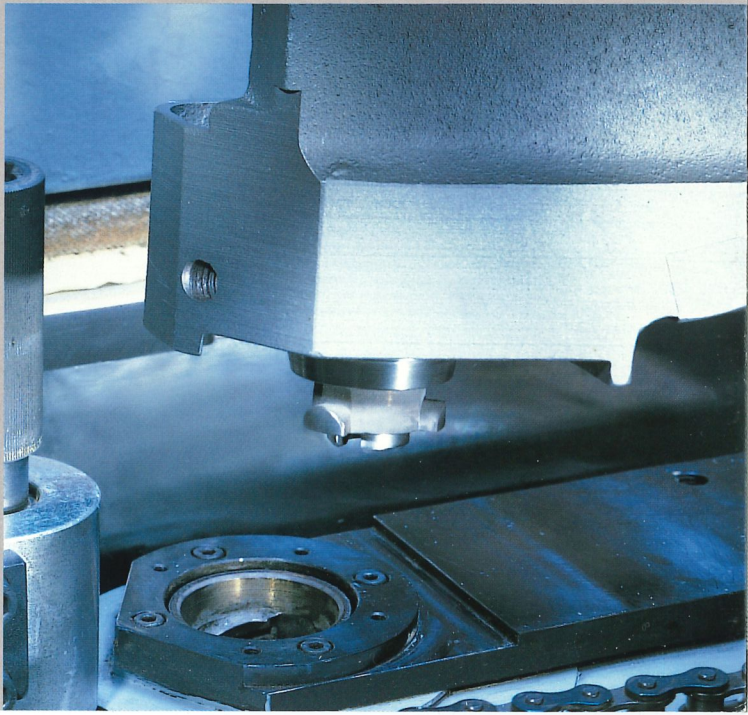


Anti-stick solvent and cleaning agent



PUR pre-melting unit

Quick-lock glue applicator



# Advantage 5616 | 6616

## Standard equipment

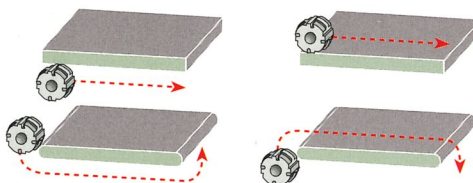
### BUFFING | PROFILE SCRAPER



buffing unit 08.612

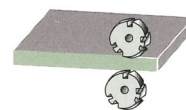
profile scraper 08.519

### MFA [MILLING AND CONTOUR TRIMMING]

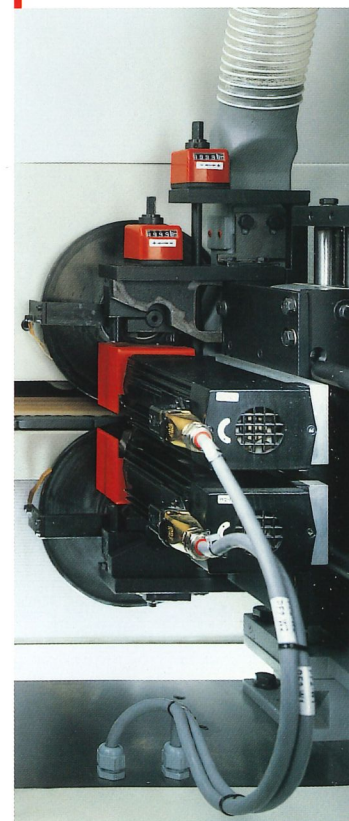
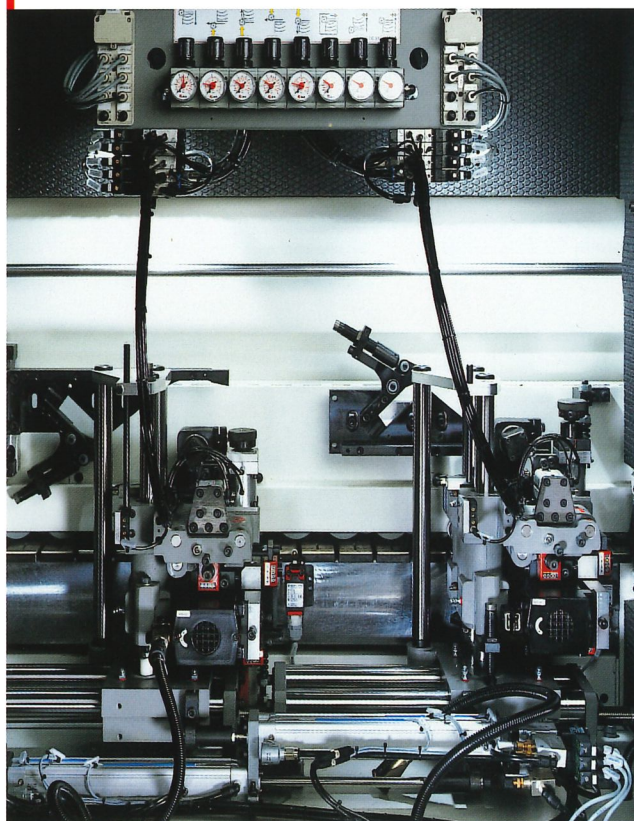
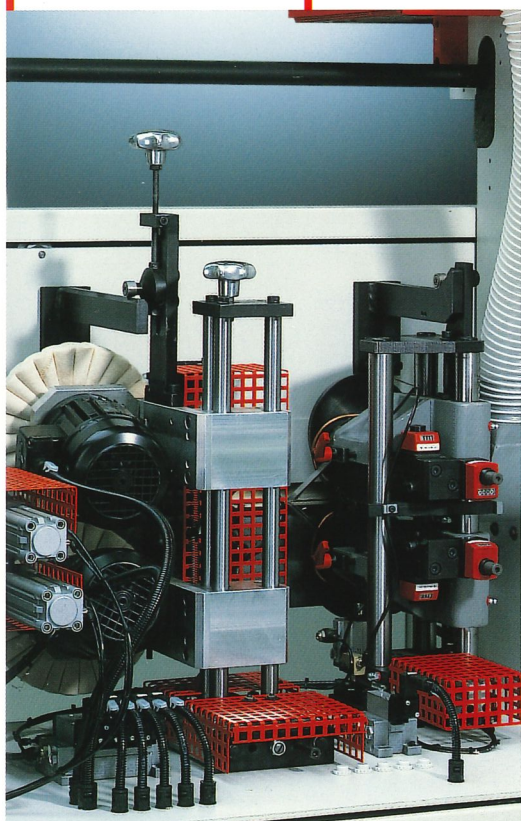


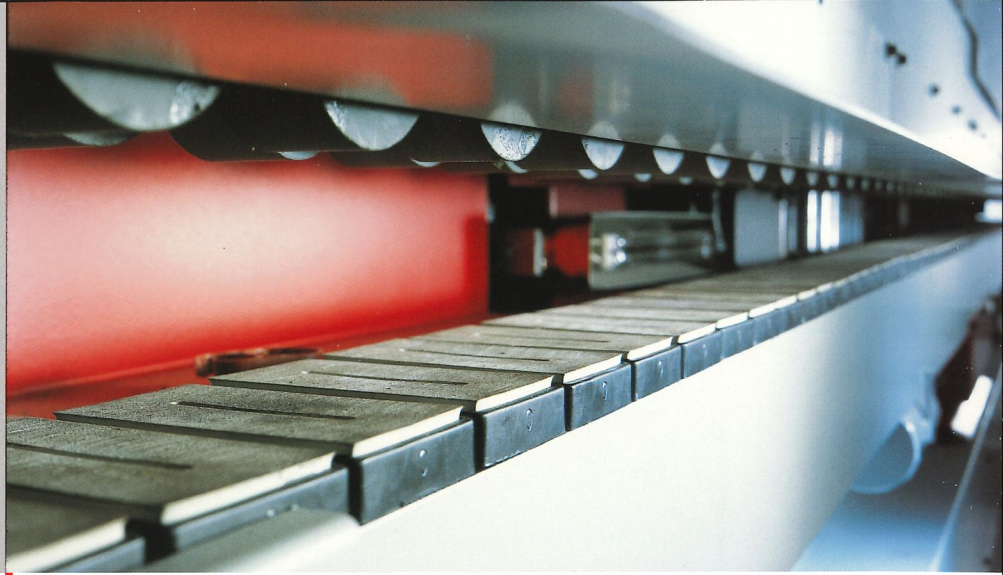
MFA 08.346

### FLUSH MILLING



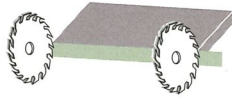
pre-milling unit 08.0555



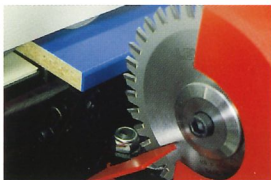
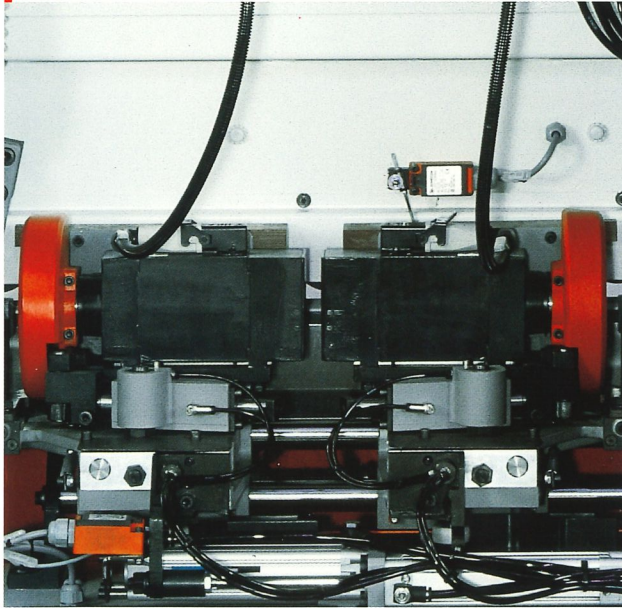


Chain track and top pressure beam with rollers

## END TRIMMING

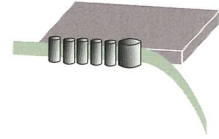


end trimming unit 08.415

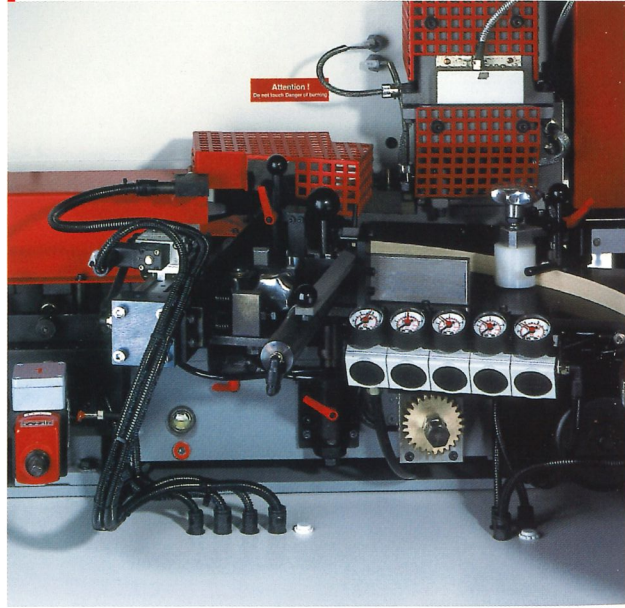


Edging overhangs can be trimmed at 90° or with a chamfer

## EDGE BANDING



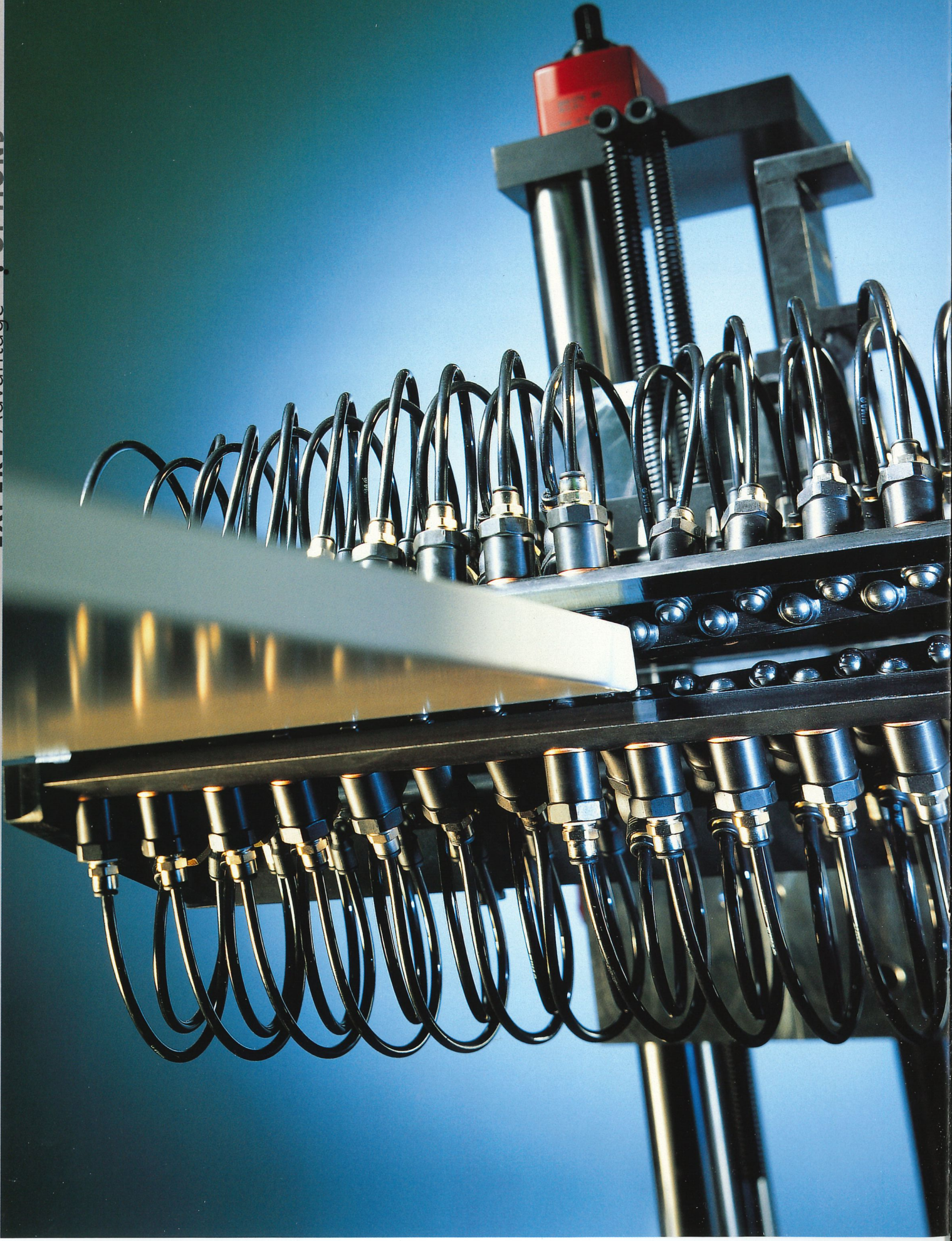
gluing unit 283.1513



Sturdy hard chromium ressure rollers ensure an almost invisible glue joint

Closed oil-filled gear box, with very little wear and tear

EXPERT Advantage ❖ OPTIONS

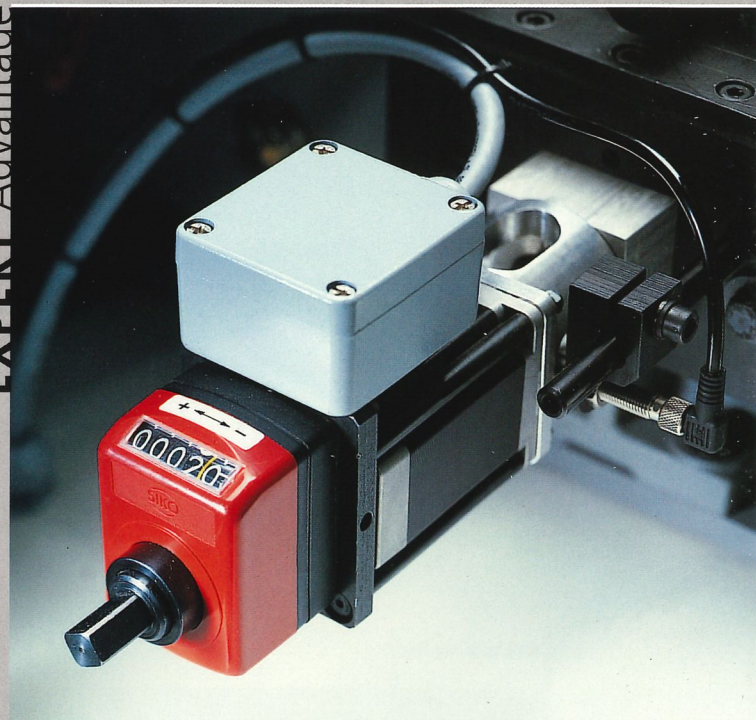


The modern IMATRONIC 121 PC controller enables easy operation and programming as well as reliable control and monitoring of the machine function

- ❖ Easy menu operation
- ❖ Unit positioning using NC axis motors upon program start
- ❖ Setting possibilities during production allowing fine adjustments
- ❖ Indication of machine and operating conditions on the screen, e.g. current program, quantity, produced meters, faults.

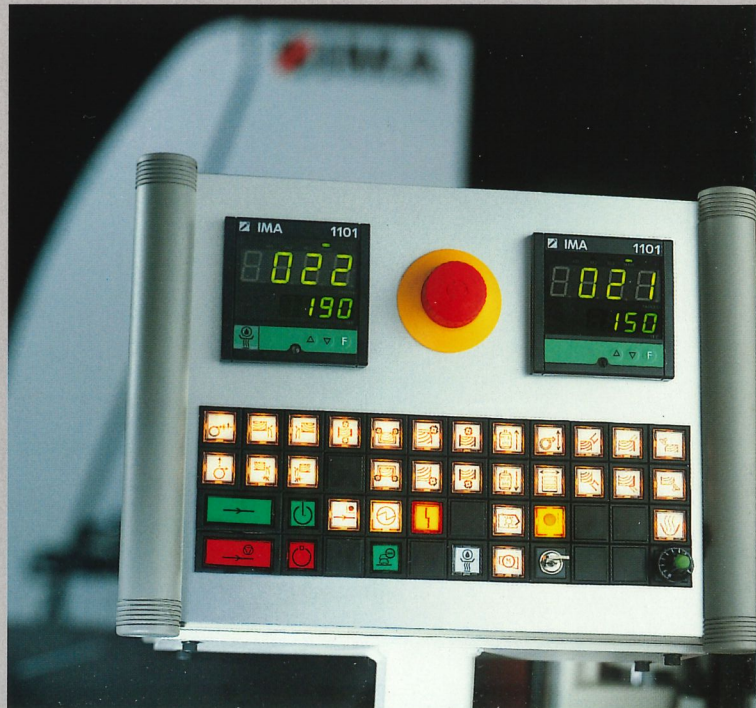


IMATRONIC 121 [Advantage 6616: standard; Advantage 5616: optional]



Program-controlled adjustments using NC axis motors

Control panel [Advantage 5616: standard]





# Advantage 5616 | 6616

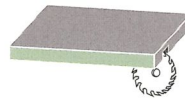
## Extended facilities

The Advantage 5616 | 6616 can be equipped with optional processing units to suit individual, customer specific processing tasks.

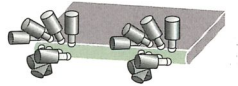
### SANDING



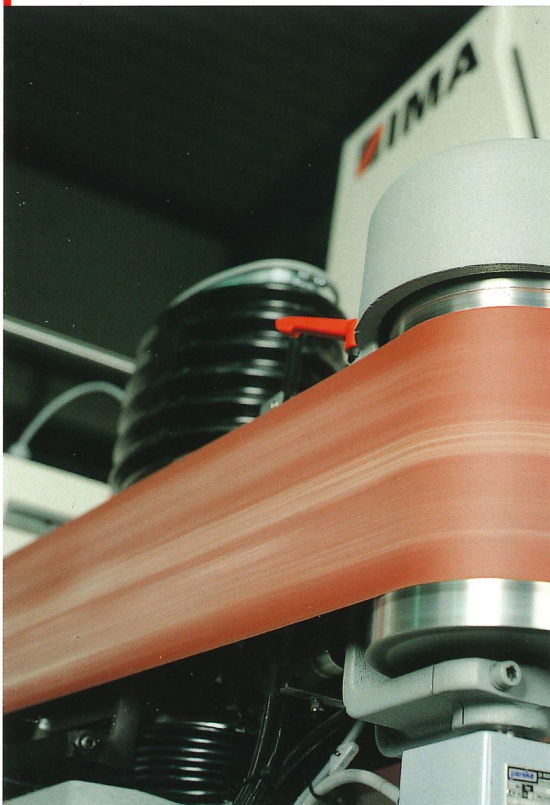
### GROOVING + REBATING



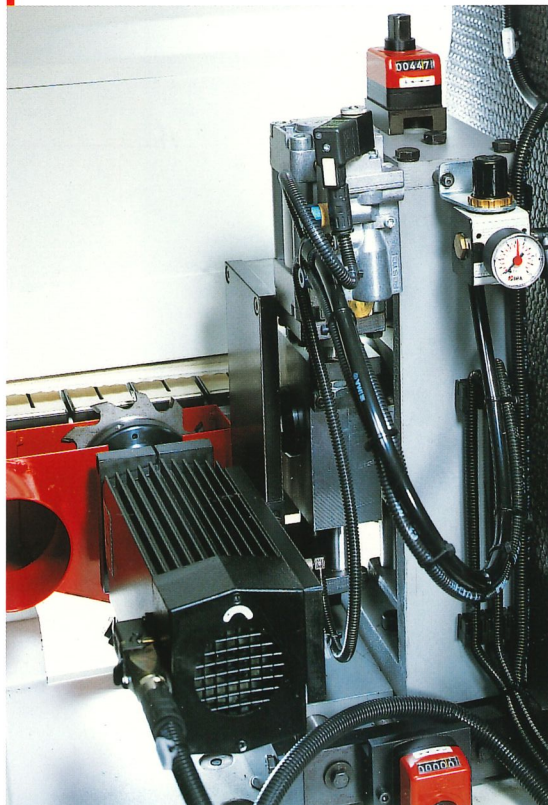
### SMOOTHING



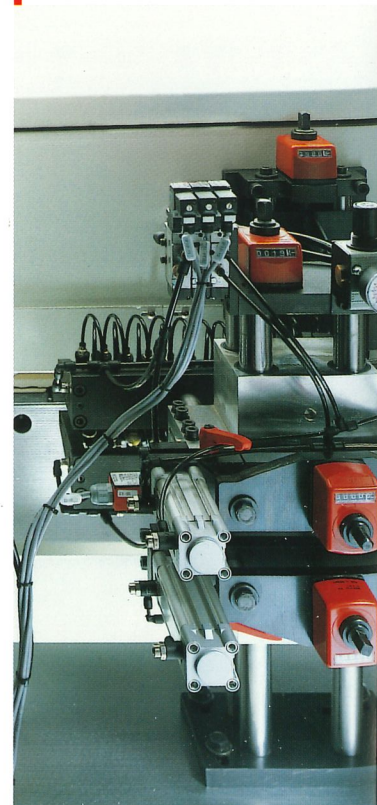
sanding unit 08.062

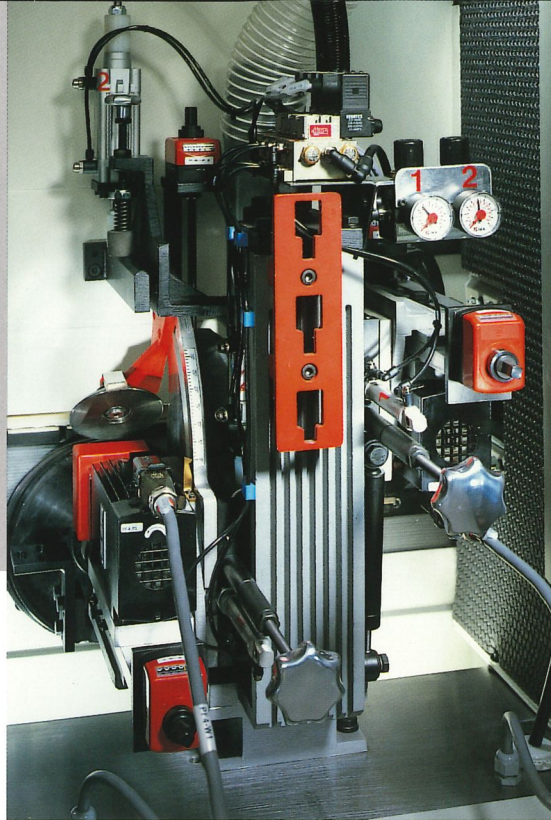


grooving unit 08.183



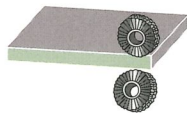
smoothing unit 08.53



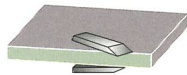


milling unit 08.055 [instead of milling unit 08.0555]

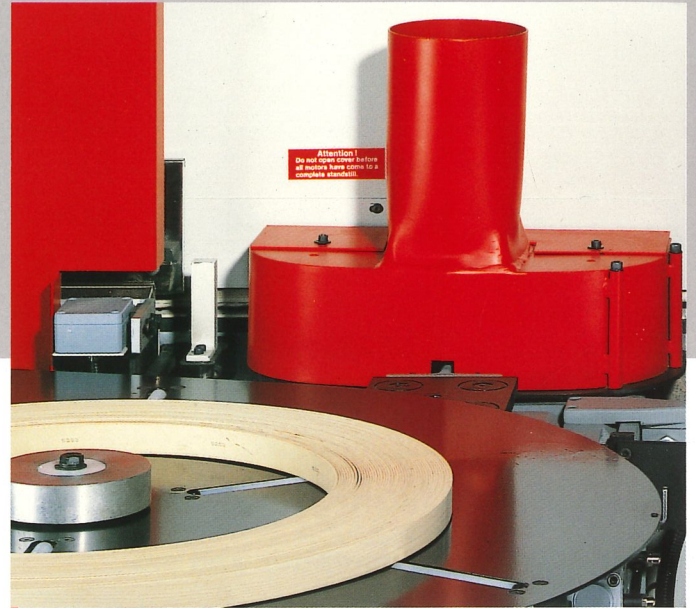
## MILLING



## FLAT SCRAPER

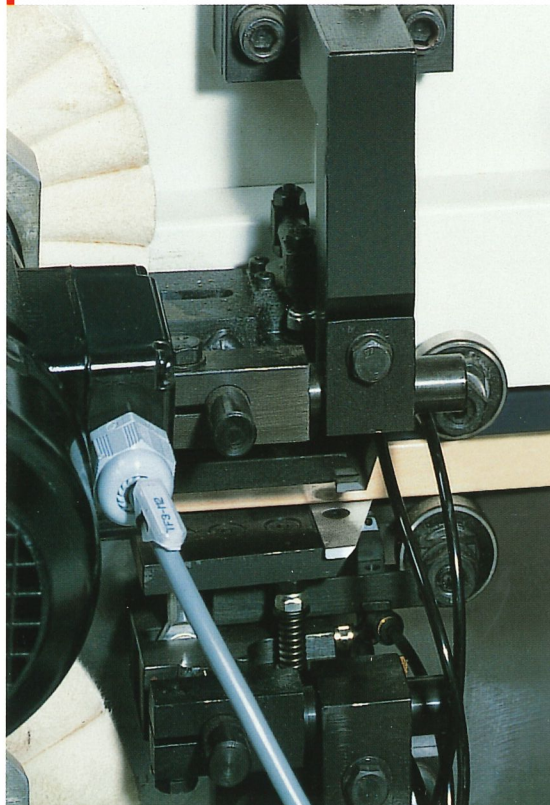
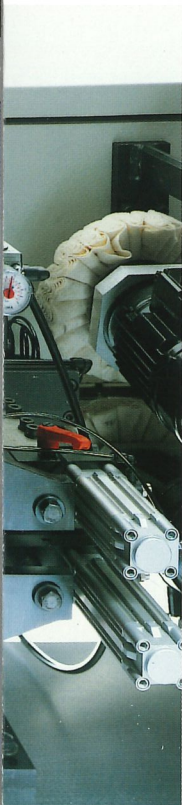
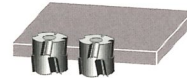


flat scraper 08.50



jointing unit 08.376

## JOINT MILLING

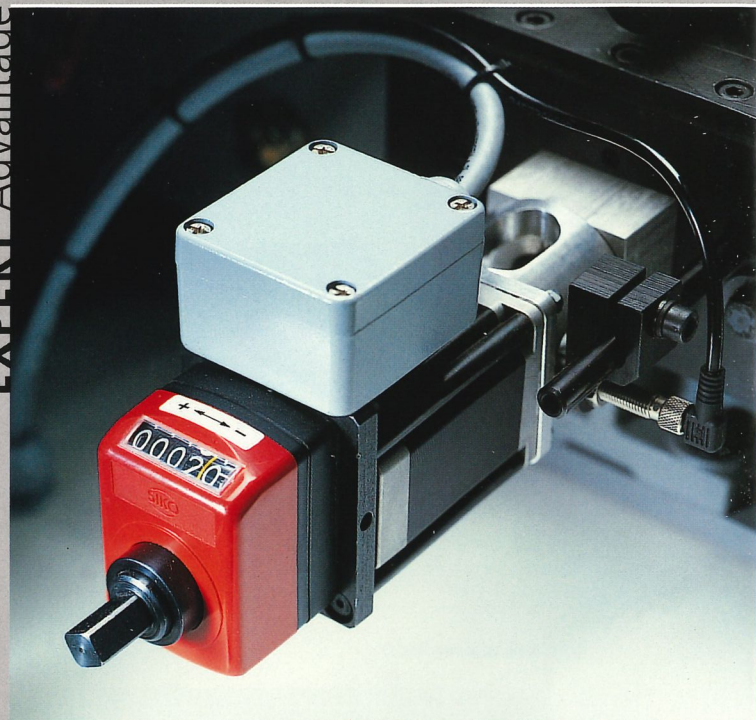


The modern IMATRONIC 121 PC controller enables easy operation and programming as well as reliable control and monitoring of the machine function

- ❖ Easy menu operation
- ❖ Unit positioning using NC axis motors upon program start
- ❖ Setting possibilities during production allowing fine adjustments
- ❖ Indication of machine and operating conditions on the screen, e.g. current program, quantity, produced meters, faults.



IMATRONIC 121 [Advantage 6616: standard; Advantage 5616: optional]



Program-controlled adjustments using NC axis motors

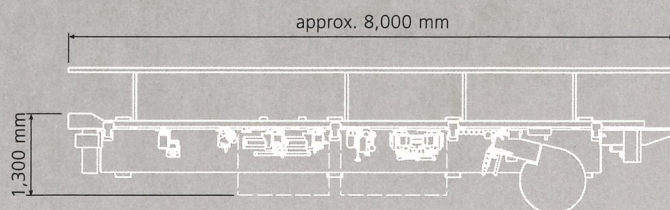
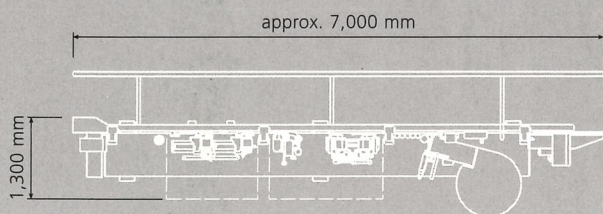
Control panel [Advantage 5616: standard]



# The main characteristics

## Advantage 5616

## Advantage 6616



MACHINE	5616	6616
Track speed	16 m/min.	16 m/min.
Total height [sound absorbing hood closed]	1,900 mm	1,900 mm
Total width [sound absorbing hood closed]	1,300 mm	1,300 mm
Working height	900 mm	900 mm
Distance from wall	min. 1,000 mm	min. 1,000 mm
Total length	7,000 mm	8,000 mm
Power consumption [basic equipment]	12 kW/30 A	12 kW/30 A
Compressed air connection	min. 6 bars	min. 6 bars
Dust extraction connection	2 x 80 mm 2 x 100 mm 1 x 120 mm	2 x 80 mm 2 x 100 mm 1 x 120 mm
Total weight [basic equipment]	3,100 kg	3,700 kg
Sound level [depending on tools materials]	idle operation < 80 dBA	idle operation < 85 dBA

### WORK PIECE

Panel thickness	min. 10 mm max. 60 mm	min. 10 mm max. 60 mm
Panel length	min. 150 mm	min. 150 mm
Panel width	min. 65 mm	min. 65 mm

### EDGING TAPE

Tape thickness min.	min. approx. 0.4 mm max. 12 mm	min. approx. 0.4 mm max. 12 mm
Tape height min.	min. 14 mm max. 65 mm	min. 14 mm max. 65 mm
Tape length min.	min. 160 mm (reel) min. 350 mm (lippings)	min. 160 mm (reel) min. 350 mm (lippings)
Tape cross-section	max. 120 mm <sup>2</sup> (reel) max. 12 x 55 mm (solid wood lippings)	max. 120 mm <sup>2</sup> (reel) max. 12 x 55 mm (solid wood lippings)

Subject to technical alterations and developments. The offer, respectively order confirmation are in any case the only relevant machine discription. The photographs may show the machine without complete safety equipment. However safety equipment will be supplied. Photographs may show options, which are not part of the standard execution.

Stand 01/2002



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