



## Description of the basic machine, type KL 32-39/6

With its effective modular system the advanced design of our well-proven single-sided edge banding machines in the KL 30 range offers many possible variations both in the gluing section and in the finishing section. Various methods and systems can be considered for the basic machines, hence they can be individually tailored to the most diverse requirements even though they are mass-produced. The basic machine consists of the heavy machine column, the workpiece conveyor with infinitely variable main drive, the adjustable workpiece support and the electrical wiring and compressed air pipes with controls and actuators. The basic machines are also suitable for production lines, e.g. double-sided finishing of narrow workpieces such as panels. The workpiece conveyor consists of heavy roller chains with plastics supporting plates sliding without play with curved and flat guides as well as the driven top pressure bar and spring-loaded V-belt guide rollers. With this type optimum lateral guidance of the workpieces is ensured. Hence normal finishing can be carried out without counter-pressure. Type D with double V-belts on the top

pressure bar is required for finishing narrow workpieces less than 100 mm wide and solid edges. The top pressure bar is adjusted manually with indication on a scale. The basic machine can be equipped with gluing sections for all types of edges and for various gluing systems in addition to a large number of finishing units. Gluing sections for the hot/cold method with hot melt and for the KA method with PVAC glue as well as for profiled edges can be used. Type KR has a right-hand stop. Type KL 35 (left-hand stop) with additional working units is illustrated. The small illustration shows the same machine, but with noise-protection covers and a central exhaust. Leaflets describing the additional working equipment are available. The technical data on the next page cannot be binding in all details because of continuous development, and are therefore subject to amendment.



**Edge banding machines**  
**single-sided KL 30**  
**double-sided KL 40**

For gluing and processing of thin and thick edge strips according to the hot-cold method (hot-melt) or cold-glue activation method (KA) with PVAC-glue. On request noise protecting cover and centralized suction.

KL 32-39/6

KL 42-49/3

KL in right-hand, KR in left-hand execution





# Technical data – type range KL 30-39/6

## Measurements and weights

Type	Total length mm	Length of machine column mm	Gross weight kgs approx.	Net weight kgs approx.
KL/R 31	4050	3235	1810	1760
KL/R 32	4600	3785	2220	2160
KL/R 33	5220	4405	2630	2560
KL/R 34	5770	4955	2950	2750
KL/R 35	6390	5575	3450	3360
KL/R 36	6950	6135	3860	3760
KL/R 37	7560	6745	4270	4160
KL/R 38	8120	7035	4680	4560
KL/R 39	8730	7915	5100	4960
KL/R 39/1	9230	8415	5500	5360
KL/R 39/2	9730	8915	5900	5760
KL/R 39/3	10230	9415	6300	6160
KL/R 39/4	10730	9915	6700	6560
KL/R 39/5	11230	10415	7150	6960
KL/R 39/6	11730	10915	7600	7360

## Measurements with and without noise protecting cover

KL/R 31–39/6	with noise protecting cover	without noise protecting cover
Total width	2050	1700
Total height	2100	1245

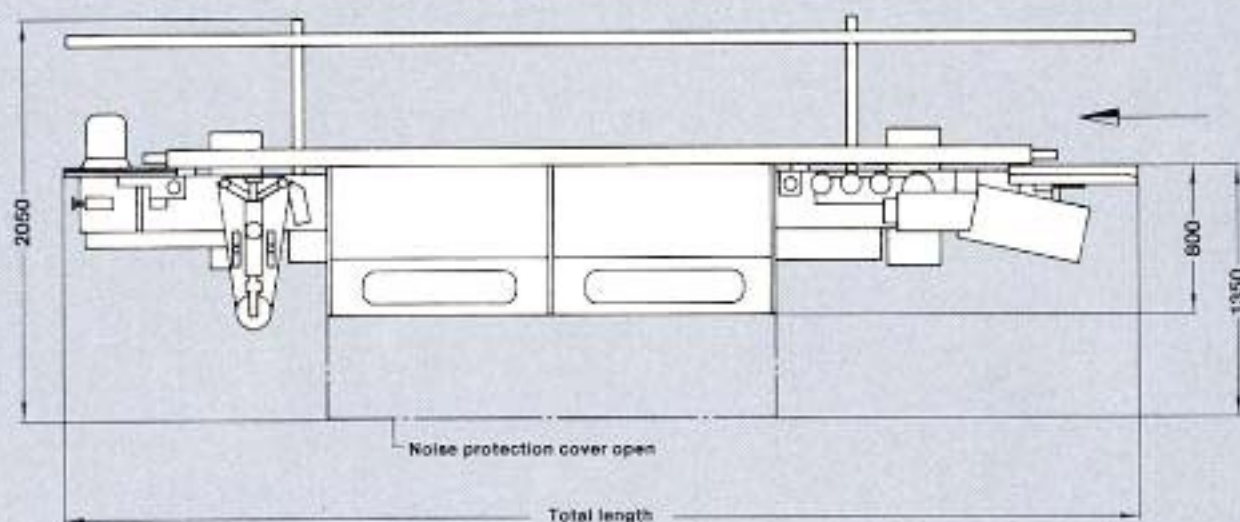
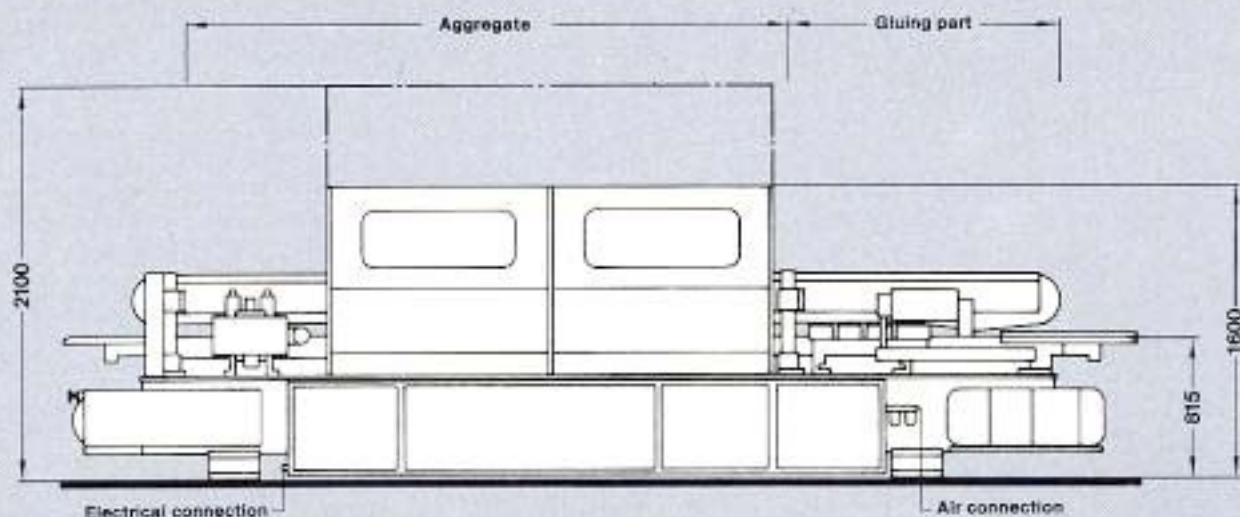
## Working measurements and connecting data

Working height	815 mm
Working width min.	Standard execution 85 mm
	Execution D 60 mm
Panel thickness max.	40/60 mm
Panel overhang	40 mm
Edge thickness max.	Depending on magazine 30 mm
Edge width max.	45/65 mm
Feed speed infinitely variable	7 ÷ 40 m/min.
Air connection per side	½" internal screw / feed pipe 1"
Height machine column up to workpiece support	210 mm

## Electrical equipment

Electrical installation	system Klöckner-Moeller
Normal voltage	380 Volts
Heating and control voltage	220 Volts
Frequency changer	300 Cyc.

## Plan view for type range KL32-39/6



### Our further production program

- Double-sided edge banding machines
- Panel-sizing and edge banding machines
- Panel sizing machines
- Complete production lines
- Rotary transfer units
- Angle transfer units
- Intermediate conveyors
- High-frequency machines
- Profile wrapping machines
- Postforming machines
- Machines for narrow and long pieces