

## Cross Sanding Machine Type KSM 1

compact cross sanding machine for solid wood, veneer and lacquer sanding.

Equipped with one cross and one longitudinal sanding unit. Electronically controlled pressure beams with automatic compensation of workpiece tolerances up to at least 2 mm. Adjustable sanding intensity, especially in the area of edges, also asymmetrically.

Automatic sensing of the workpiece contours, also in case of irregularly shaped workpieces, as e.g. round and oval panels, free feeding.

**Integrated frame sanding programme** for sanding cross and longitudinal rails in the direction of the grain in one pass.

The front guide roller of the longitudinal sanding unit is designed as **contact roller**, for combined calibration and fine sanding.

Intensive **workpiece suction device** with integrated ventilator and intermittent transport belt blasting.

**Brush-off device** with central height adjustment.

Adjustment of workpiece thickness (3-140 mm,  $\frac{1}{8}$  -  $5\frac{1}{4}$ " ) by height adjustment of table, with digital indicator.

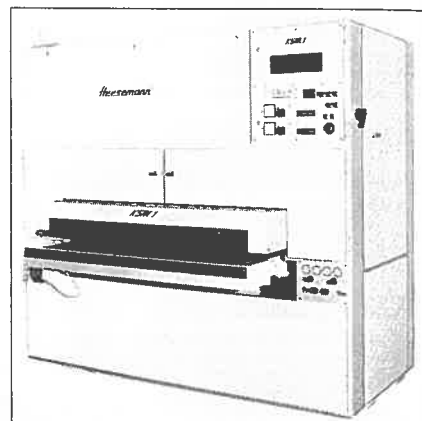
### Sanding belt speed:

12 and 24 m/s (39 and 78 ft/min) - cross 10 and 20 m/s (32½ and 65 ft/min) longitudinal, resp. infinite regulation for lacquer sanding.

**Line control** for automatic deployment of the pressure beams in dependance of the respective feed speed.

**Automatic starting** of all driving motors by central starting key.

Sanding width in mm (inches)	1300 (51)
Driving power kW:	
Cross unit	13/17
Longitudinal unit	13/17
Sanding belt dimensions in mm (inches)	
Cross unit	4900 x 150 (192½ x 6)
Longitudinal unit	2620 x 1350 (103 x 53)



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