

RBM 300

BRUSHING MACHINE

A professional brushing machine designed for use in small series production and laboratories. High quality wet-processing brushing machines for PCB production at low price are possible! The proof is the Bungard RBM 300. The smaller sister of our RBM 402 is reduced wherever possible but not at quality, endurance and high precision details.

Features:

- The RBM 300 has an oscillating brush with quick change device
- Oscillation frequency and transport speed are stepless variable
- Parallel height adjustment. In contrary to the single sided height adjustment, you will achieve a long term even brushing result only with double sided parallel height adjustment.
- Machine is equipped with a finishing brush used before laminating. Various brushes available.

- Working width 300 mm
- Despite its small size, the RBM 300 has a full scale squeeze-off and hot air drying compartment
- As bench top model the RBM 300 has no integrated water treatment. A closed loop rinsing tank is available as an option
- Single side action
- Aluminium, PVC, Stainless Steel construction
- Transparent top lid with security switch
- Mechanical drying by squeezing rollers

RBM 300

Usable width:	300 mm
Board thickness:	0,3 - 3 mm
Brushing speed:	1360 rpm
Conveyor speed:	0.2 - 2 m/min
Oszillation stroke:	10 mm
Oszillation frequency:	approx. 10 - 110 1/min
Stroke speed:	approx. 0,2 - 2 m/min
Rinsing system water consumption:	approx. 6,8 l/min.
Power supply:	230 V~, 50 Hz
Size (L x W x H):	760 x 590 x 415 mm
Weight:	80 kg



RBM 300 KF

- Closed loop water management with filtration.
- Stand alone with rack and integrated water tank.



Picture of RBM 300 KF

RBM 402 KF

BRUSHING MACHINES

The RBM 402 KF series is the highest developed brushing machine in our range and can be used for practically all cleaning operation during PCB manufacturing. It is ideally suited for professional prototyping or smallbatch production in modern PCB laboratories. The RBM 402 consists of a double sided wet processing brush compartment, a rinsing and a following squeeze-off zone and hot air drying compartment. The solid construction guarantees proper function and a long life time with a minimum of maintenance.

Features:

- simple brush exchange via quick change device
- precise parallel brush adjustment with hand wheel
- Oscillation and transport are stepless adjustable
- Digital read out for board thickness and power consumption of the brush motor
- Upper and lower brushing rollers are adjustable in pressure and have a digital read-out for the settings.
- The wet-processing system comes together with a powerful squeeze + hot-air dryer.
- The „KF“ is indicating an integral closed loop rinsing system. That is urgently recommended in order to comply with German and European waste water regulations.

RBM 402 KF

Working width:	400 mm
Conveyor speed:	0.2 - 2 m/min
Oscillation stroke:	10 mm
Oscillation frequency:	10 - 110 lifts/min
Brushing roller length:	410 mm
Brushing roller outside diameter:	89 - 91 mm
Brushing speed:	1360 rpm
Board thickness (rigid boards only):	0.3 - 5 mm
Board sizes:	(min.) 80 x 175 mm
Rinsing system water inlet:	19 mm
Rinsing system water outlet:	40 mm
Rinsing system water consumption:	26 l/min.
Power supply:	230 V, 50 Hz, max. 16A
Dimensions (L x W x H):	111 x 75 x 116 cm
Weight:	220 kg (RBM 402KF)
	170 kg (RBM 402 BLC)
Brushing stroke on upper roller:	max. 20 mm
Brushing stroke on lower roller:	max. 15 mm
Feed per turn of hand wheel:	0.266 mm
Brushing roller inner diameter:	35 mm
Rinsing system pressure: max.	1.5 bar

Also available version:

RBM 402 BLC:
bench-top low cost version

RBM 402 KF:
closed-loop version with tank and candle filters



Picture of RBM 402 KF