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RBM 2000

Buffing System for 3D Furniture Components



Equipment Features

- Eight-head rotating brushing system (pneumatic press-on steered)
- Spiral brush removes loose glue residues
- Feed roller conveyor with component staggering
- Propelled band-cleaning brush

Options

- Transport system with lay-up belt and angle transfer
- Run-out accumulation roller conveyor with buffer function - deionization of the furniture front panels after cleaning

Advantages

- Adapts automatically to size and thickness of components, which makes random feeding possible
- up to 4000 parts / 8 h shift

The **RBM 2000** is a buffing machine for foil coated 3D furniture front panels.

The eight-head rotating brush system removes the glue overspray from the back of the furniture front and there is the possibility of buffing of rectangular and contour parts. The low-maintenance brushes are very durable, ensuring low production costs. Buffing Unit spray from the back of the furniture front panels, achieving an optimum texture of foil edges at the same time.

This result is achieved, because the disk brushes are put on the back of the front panels with pneumatically controlled pressure and clean them. Any remaining loose glue is removed by a spiral brush.

The **RBM 2000** has been designed for a capacity of **up to 4000 parts per shift**. Therefore the machine is the perfect buffing system for medium and large-scale productions. The **RBM 2000** has been equipped with an automatic recognition of size and thickness of the furniture front panels, enabling an adaptation in the case of variable loading without losing time in through-feed operation.

Due to the flexible control system there is the possibility of buffing of rectangular and nearly all contour parts. The low-maintenance brushes are very durable, ensuring low production costs.

Production Capacities

Machine: RBM 2000

Component Shape: **Rectangular /Contour**
Minimum Part Size (L x W x H): **180 x 90 x 14 mm**
Maximum Part Size (L x W x H): **3000 x 650 x 38 mm**
Brushing operation: **up to 4000 parts / 8 h - shift**
Standard parts of **650 x 400 mm**

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IT MAKES 3D-THERMOFORMING EASY.