

Timesavers Grindingmaster MSB B 600 Belt Linisher



Stock Code: PB230

Manufacturer: Timesavers

Model: MSB B 600

Serial: KR877-08

New or Used: Used (Second Hand)

R.P.M.: 1600

Hp/Kw: Hd 1 13kW /21Hp : Hd 2 11kW / 14Hp

Other Info: 600mm wide Belt & Scotch Brite Brush

Weight: 1040

External Dimensions (WxDxH): 1170 x 1730 x 2090



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Description of the Machine Parts & Operation Easy operations by means of push buttons with light indicator on/off. Load meter indicates percentage of motor load, allowing full use of sanding belts and available horsepower. Transport Mechanical variable speed. Height Adjustment. Grinding Head -W-Contact roller: 150mm diameter made of special "Flexible" vulcanised 65° Shore rubber with special profiled grooved face that makes it suitable for deburring and finishing. Hand wheel fine adjustment in height of the head with a precision of 0.01mm to change pressure or for abrasive belt thickness. The displacement can be read out on the dial indicator. Outboard support: quick release bolt that locks and unlocks for quick change of abrasive belts and provides rigid support of the grinding head. Grinding belt tension: air operated and activated by a switch. Air tensioning automatically compensates for belt stretch. The machine cannot be started unless the belt is tensioned. Grinding belt tracking: a photoelectric system automatically keeps the fast revolving abrasive belt on the head. Due to this lifetime of belt improves. Belt trimmer: knob to correct tracking of abrasive belt. 2-Speed main motor. Brushing Head -B-Scotch Brite brush ± Ø 180mm diameter. The brush can rotate with and against the feed direction, chosen by the selector switch. Hand wheel for height adjustment of the brush to compensate for brush wear and brushing pressure. The displacement can be read out on the dial indicator. Quick and easy slide-out of brush: the main shaft with the brush can be removed quickly for brush change. Oscillation: 40 strokes per minute, which ensures an even wear on the brush and a good deburring result. Feed Bed

Conveyor table constructed of heavy plate steel. Precision-machined top mounted on four synchronised screw jacks. Conveyor belt, flat, oil resistant. Variable feed unit. Manual table height adjustment with constant pass 1 to 100mm and will accommodate most parts. Digital thickness read-out in mm. Hand wheel for fine adjustment.

Pressure Rollers for Accurate Guiding of Parts

Spring loaded pressure rollers: sets of two rollers, oil and heat resistant, plain-faced rolls to ensure positive feeding of most parts. These rollers are covered with thick high flexible rubber for spring load action.

Additional Equipment Mainframe: fabricated of heavy steel plate properly ribbed to avoid vibration and deflection. Dynamic balancing: all high-speed rollers and contact roller are dynamically balanced to prevent hammering-out of vital parts and preserve machine life. Access doors on both sides of the machine for ease of maintenance and quick change of abrasive belts. Dust extraction where the dust is formed to ensure cleaner, better and more consistent work. Brake stops grinding head when the limit switch is tripped or emergency stop is activated. Jog switch to reverse feed. Electric main switch. CE and Safety

Finger protection: if the hinged guard is triggered, the conveyor will stop immediately. Emergency stops at infeed and outfeed sides of the machine, with a manual reset button.

View Timesavers Grindingmaster MSB B 600 Belt Linisher on our web site at
<https://www.rileysurfaceworld.co.uk/machines/31021.htm>

PHOTOGRAPHS TAKEN PRIOR TO REFURBISHMENT.