
PAOLONI MOULDER
Model Master 2005**Technical Specifications:**

- Automatic rise and fall of upper horizontal spindle and feed rollers
- Cardan joint transmission feed system
- Left vertical spindle adjusted simultaneously with front pressure unit and outfeed fence for a quick and easy setup
- Quick and precision adjustment of spindle/hood on the left vertical and upper horizontal spindles, balancing the fitted cutter diameters
- Selector for jog forward and reverse feed
- Decimal digital read out for every adjustment
- Vertical presser with idle wheel
- Suitably ripped heavy duty single block steel machine bed
- Upper crossbeam equipped with simultaneously adjustable feed rollers and pressers and independent motion of the upper horizontal spindle for quick and easy setup.
- Routing spindles complete with rings
- Tubular steel infeed table
- Infeed fence with pre-straightening facility on the right side by means of shaving cutter fitted on the planing spindle
- Vertical and horizontal micrometric adjustment of the working units in easy to reach position on machine front
- Numeric read outs with decimal precision for all main working units adjustments
- Adjustable fence after right vertical spindle
- Adjustable tablets in front of the vertical spindles with micrometric precision
- Possibility to stack tools on the vertical spindles
- Fitted cutter diameters
- Motorized lower feed roller on the outfeed table
- Motorized upper rubber roller diameter 120 x 50 mm on the outfeed side
- Toothed feed rollers in hardened steel diameter 130 mm
- Safety cabin upon working units and feed system equipped with internal light and safety micro switch
- Electric control unit with magneto thermal overload protection on all motors
- Key locking master switch
- Emergency stop button
- Low voltage auxiliary circuits
- Service wrenches and accessories for standard machine use
- One shaving cutter, diameter 145 mm to be fitted on first lower planing spindle, diameter 125mm
- Lower planing spindle after the upper horizontal one (Hood with pressers to work as upper horizontal spindle)
- Spindle positioning and adjustment without having to open to guard (motor rotation and relevant locking and spindle rotation locking excluded)

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PAOLONI Moulder – Master 2005 (Continued)**Technical Data:**

- Maximum working width (finisher section) with tools,
diameter 125 mm on the vertical spindle: 240 mm
- Minimum working width (finished section): 13 mm
- Maximum working width (finished section) with tools,
diameter, 125 mm on the upper horizontal spindle: 170 mm
- Minimum working height (finished section): 6 mm
- Feed speed: 7-14 m/min
- Spindle rotation speed: 6000 rpm
- Spindle diameter: 40 mm
- Axial adjustment of vertical spindles in relation to the table:
 - Maximum diameter 200 m: 0 to –30 mm
 - Maximum diameter 160 m: 0 to –70 mm
- Axial adjustment of lower horizontal spindle: 15 mm
- Axial adjustment of upper horizontal spindle: 20 mm
- Min/Max profiling tool, diameter on vertical spindles: 120/200 mm
- Min/Max profiling tool, diameter on first lower planing spindle: 120/140 mm
- Min/Max profiling tool, diameter on upper horizontal spindle: 120/200 mm
- Lower planer spindle motor power: 7.5 HP
- Left vertical spindle motor power: 10 HP
- Right vertical spindle motor power: 10 HP
- Upper horizontal spindle motor power: 10 HP
- Lower horizontal spindle motor power: 10 HP
- Feed motor power: 1.1/1.5 HP
- Infeed table length: 2270 mm
- Quick adjustment of table and infeed fence: 10 mm
- Two dust extraction outlets diameter: 200 mm
- One shaving cutter diameter: 145 mm
- Minimum workpiece length for one by one feed: 390 mm
- Height of fences on the right side: 60 mm