

Planer thicknessers

models
PT/MB/CP



Model MB
308 x 230mm



Model PT
255 x 180mm

CE



CONSTRUCTION

All three models of planer thicknesser are designed and built for precision, long life and minimum maintenance. Their rigid mainframe assemblies (made up of cast iron base, side frames, and fixed outfeed table) give exceptional stability, and accurately house the feed and cutterblock bearings, and the infeed and thicknessing tables.

THE CUTTERBLOCK

A large diameter three knife cutter block (2 knife on the model PT) provides improved finish, and runs in 'sealed for life' bearings for minimum maintenance. Knife setting is aided by height adjustment screws.

Driving the cutterblock is an industrial motor via two heavy section vee belts which, combined with the centrifugal force of the large diameter block, provides ample power.

SURFACE PLANING

The cast infeed table (which on the MB/CP planers have increased length for accurate surfacing) rise and fall in square gibs for long term accuracy, and are fitted with a rule showing depth of cut. A generously proportioned cast iron fence is then mounted off the table on a cast iron bracket. The fence can be tilted between 90-45° making it suitable for bevel work and chamfering, and is easily returned to 90° via a positive stop. Adjustable saw guards for rebating are also supplied.

THICKENING

For long term accuracy, and to avoid time consuming mode changes, the surfacing tables remain in place when thickening, utilising instead a dual function chip collection hood.

The thickening table is again cast iron and is mounted on a large diameter precision ground pillar to ensure precise and parallel positioning, with an off-centre lock for added rigidity. The MB/CPs thickening table is fitted with a height adjustable anti-friction roller and extension rollers, all of which run in self lubricating bushes. Large diameter steel feed rollers (one fluted) are driven by an industrial geared unit, which on three phase machines has two speeds. The feed rollers run in self lubricating bushes and are driven from the geared unit by a heavy duty chain for efficient and constant feeding of demanding production work and difficult stock.

SAFETY FEATURES

The drive assembly is totally enclosed by the rear machine guard, removal of which provides easy access to the motor drive assembly for any necessary maintenance. The cutterblock is guarded at the rear by a fixed guard attached to the fence, and at the front by a bridge type guard.





Model MB



> Surfacing



> Thickening



> Rebating

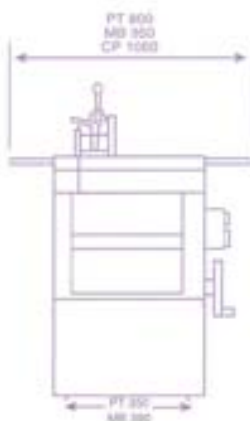
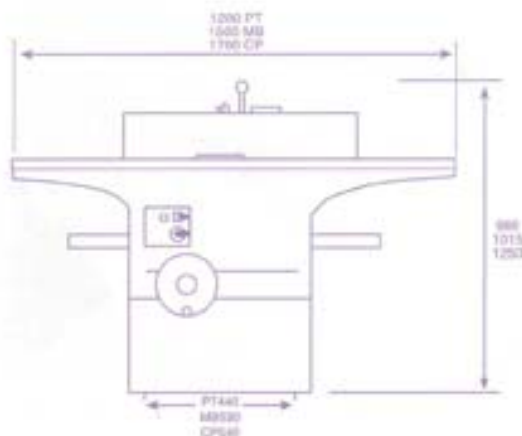


SPECIFICATION

MODEL	PT	MB	CP
SURFACE CAPACITY	255mm	308mm	410mm
THICKNESSING WIDTH	255mm	308mm	410mm
THICKNESSING DEPTH	180mm	230mm	
REBATE DEPTH	13mm	16mm	
SURFACE TABLE LENGTH	1200mm	1500mm	1700mm
INFEED TABLE LENGTH	600mm	850mm	
SURFACE TABLE HEIGHT	830mm	885mm	
THICKNESSING TABLE LENGTH	600mm	600mm	
THICKNESSING TABLE LENGTH OVER EXTENSION ROLLERS	n/a	1000mm	
CUTTERBLOCK DIAMETER	80mm	102mm	
CUTTERBLOCK KNIVES	2	3	
FEED ROLLER DIAMETER	40mm	51mm	
FEED SPEEDS: 3 PHASE 1 PHASE	5.5 m/min.	4.5 and 7 m/min. 6 m/min.	
FENCE SIZE	550 x 90mm	750 x 120mm	900 x 140mm
CUTTER BLOCK MOTOR: 3 PHASE 1 PHASE	1.5kW 1.5kW	3.0kW 2.2kW	4.0kW 3.0kW
SEPARATE FEED MOTOR	n/a	0.375kw	
WEIGHT	170kg	390kg	430kg
DUST EXTRACTION OUTLET DIA.	125mm	125mm	150mm
TOTAL AIR VOLUME REQUIRED	775cmh	1125cmh	1450cmh

SPECIFICATION

DIMENSIONS L x W x H mm	1400 x 800 x 1160	1700 x 950 x 1265	1950 x 1050 x 1275
GROSS WEIGHT	262kg	500kg	560kg



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