

Sedgwick PT Planer Thicknesser



Construction

The Sedgwick PT255 planer thicknesser is designed and built for precision, long life, and minimum maintenance. Its rigid mainframe assembly (cast iron base, side frames, and fixed outfeed table) gives exceptional stability, and accurately houses the feed and cutterblock bearings, and the infeed and thickening tables.

The Cutterblock

A large diameter three knife TERSA cutterblock provides improved finish and runs in 'sealed for life' bearings for minimum maintenance.

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

Surface Planing

The cast infeed table rises and falls in square gibs for long term accuracy and is 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 shaw guards are also supplied.

Thicknessing

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

The thicknessing 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 steel feed rollers (one spiral-fluted the other rubber-coated) run in self-lubricating bushes and are driven 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.

SURFACE CAPACITY	255mm
THICKNESSING WIDTH	255mm
THICKNESSING DEPTH	180mm
SURFACE TABLE LENGTH	1200mm
INFEEED TABLE LENGTH	600mm
SURFACE TABLE HEIGHT	830mm
THICKNESSING TABLE LENGTH	600mm
CUTTERBLOCK DIAMETER	80mm
CUTTERBLOCK KNIVES	2
CUTTERBLOCK SPEED	4000rpm
FEED ROLLER DIAMETER	40mm
FEED SPEEDS	5.5 m/min
FENCE SIZE	550x90mm
TILTING ANGLE OF FENCE	0°-45°
CHIP EXTRACTION OUTLET	125mm
VOLTAGE / FREQUENCY	3 PHASE + EARTH 400/230V – 50/60Hz 1 PHASE + EARTH 230V – 50/60Hz
MOTOR RATING	1.5Kw
MOTOR FULL LOAD CURRENT IN AMPS	3PH 3.6A 1PH 9.0A
STARTING CURRENT IN AMPS	3PH 21.6A 1PH 56.0A
REQUIRED FUSE SIZE IN AMPS	3PH 16A/ph 1PH 25A
REQUIRED CABLE SIZE	3PH 2.5mm2 1PH 2.5MM2