

Ease of operation

The backbone of a joinery workshop is its sawbench. It should be powerful, accurate, reliable and simple and safe to operate. The Sedgwick TA450 is designed with this in mind, and offers outstanding value for money. Its strength is in its construction, precision engineering, and our insistence on using only the best quality components.

Construction

A large cast iron table mounted on a heavy duty steel cabinet provides maximum timber support and a stable and accurate base for anchoring the spindle, rise and fall, and tilt mechanisms. The spindle is powered by a high efficiency IE2 industrial rated motor via a three belt drive, and features large diameter saw flanges for blade stability. It runs in 'sealed for life' bearings mounted in a cast iron housing, and requires only minimal maintenance.

Rise and fall and tilt mechanisms are square thread screws operated by handwheels at the front and side of the machine. Both are easily accessible.

Versatility

The rip fence is aluminium section, allowing for two working positions (ripping and angled ripping) and for movement fore and aft in relation to the sawblade. It is fixed to a heavy duty cast iron mounting bracket for rigidity, and has integral micro adjustment. The assembly runs on a nylon roller, gliding easily across the beds, and is supported by a 40mm diameter solid steel bar for rigidity, which gives 915mm capacity from the sawblade (an optional RH extension table is available to increase this to 1220mm).

Safety Features

- Polycarbonate overhead sawguard with 105mm dia Extraction Outlet
- Electro-magnetic Braked Motor
- Thermal overload no volt release protection
- Lock off emergency stop Button
- Lock off emergency foot switch
- Lockable isolator

Optional Extras

Designed for cutting mitres and compound angles, end trimming, squaring, dividing and trimming, the Cross Cut Table is supported on the RHS by precision ground, case hardened bearing rollers running on a 40mm diameter solid steel bar, and on the LHS by a cast jib. The fence is aluminium section and features a telescopic arm, a flip over stop, and a quadrant scale (90° – 45°).

Technical Specification

SAW BLADE DIAMETER	450mm
SAW BLADE BORE	30mm

SAW BLADE PROJECTION @90° @45°	155mm 105mm
Spindle Speed	3000rpm
3ph Motor Rating	5.5Kw
SIZE OF TABLE LENGTH, WIDTH	1125mm, 1000mm
HEIGHT OF TABLE	855mm
DISTANCE SAW TO FENCE	915mm
FENCE WITH MICRO ADJUSTMENT	825x75mm
DUST EXTRACTION OUTLET	1x 125mm & 1x 105mm
TOTAL AIR VOLUME REQUIRED	1445CMH
620mm CROSS CUT TABLE	OPTIONAL
TABLE SIZE LENGTH, WIDTH	600mm, 350mm
DISTANCE SAW TO MITRE FENCE	620mm
1220 PANEL SIZING TABLE	OPTIONAL
TABLE SIZE LENGTH, WIDTH	950mm, 1000mm
DISTANCE SAW TO MITRE FENCE	1220mm
RIGHT HAND EXTENSION TABLE	OPTIONAL
TABLE SIZE LENGTH, WIDTH	800mm, 700mm
DISTANCE SAW TO MITRE FENCE	1220mm
REAR TAKE OFF TABLE	OPTIONAL
TABLE SIZE LENGTH, WIDTH	800mm, 700mm