

TA450 Tilt Arbor Sawbench



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 range of saws is designed with this in mind, and offers outstanding value for money. Their strength is in their 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 100mm 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°).

Machine Specification

| | | |
|-----------------------------------|-------------------|-----------------|
| SAW BLADE DIAMETER | | 450mm |
| SAW BLADE BORE | | 30mm |
| SAW BLADE PROJECTION | @ 90 ⁰ | 155mm |
| | @ 45 ⁰ | 105mm |
| SPINDLE SPEED | | 3000rpm |
| 3ph MOTOR RATING | | 5.5Kw (S1) |
| SIZE OF TABLE | LENGTH | 1125mm |
| | WIDTH | 1000mm |
| HEIGHT OF TABLE | | 855mm |
| DISTANCE SAW TO FENCE | | 915mm |
| FENCE WITH MICRO ADJUSTMENT | | 825x75mm |
| DUST EXTRACTION OUTLET MACHINE | | 150mm |
| SAWGUARD | | 100mm |
| TOTAL AIR VOLUME REQUIRED | | 1445CMH |
| 620mm CROSS CUT TABLE | | OPTIONAL |
| TABLE SIZE | LENGTH | 600mm |
| | WIDTH | 350mm |
| DISTANCE SAW TO MITRE FENCE | | 620mm |
| 1220mm PANEL SIZING TABLE | | OPTIONAL |
| TABLE SIZE | LENGTH | 950mm |
| | WIDTH | 1000mm |
| DISTANCE SAW TO MITRE FENCE | | 1220mm |
| RIGHT HAND EXTENSION TABLE | | OPTIONAL |
| TABLE SIZE | LENGTH | 800mm |
| | WIDTH | 700mm |
| DISTANCE SAW TO MITRE FENCE | | 1220mm |
| REAR TAKE OFF TABLE | | OPTIONAL |
| TABLE SIZE | LENGTH | 800mm |
| | WIDTH | 700mm |