

M. Sedgwick & Co. Limited

Stanningley Field Close

Swinnow Lane

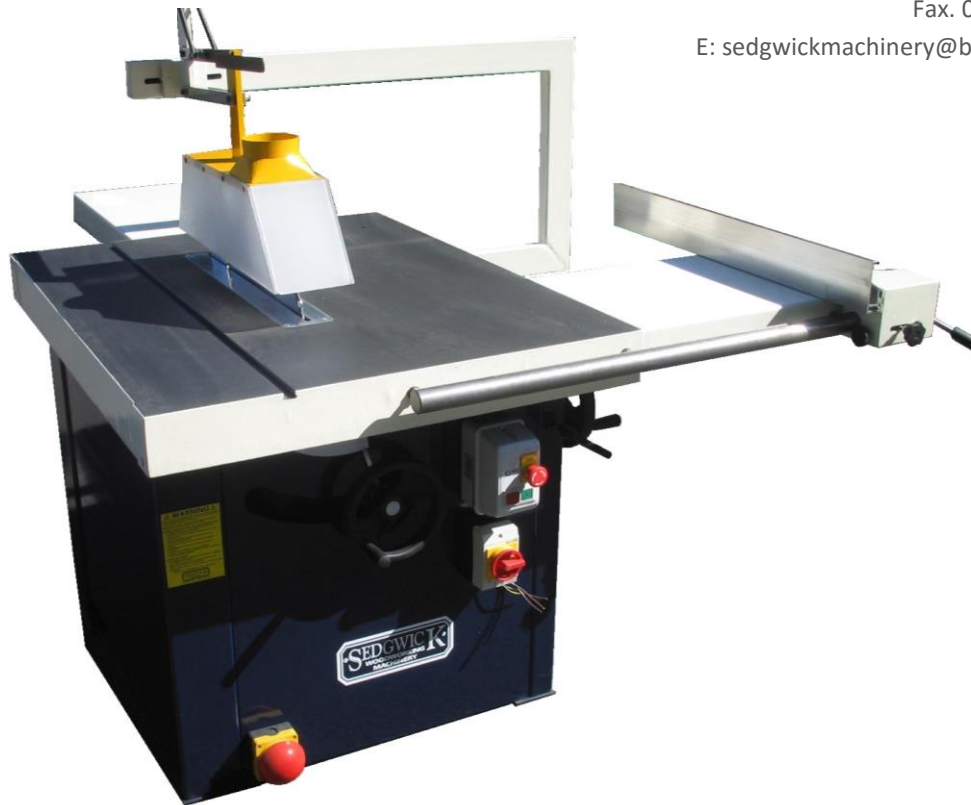
Leeds LS13 4QG

Tel. 0113 257 0637

Fax. 0113 239 3412

E: sedgwickmachinery@btinternet.com

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 Cross Cut Table

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	155mm @ 90° 105mm @ 45°
SPINDLE SPEED	3000rpm
SIZE OF TABLE (LENGTH x WIDTH)	1125x1000mm
TABLE HEIGHT	855mm
DISTANCE SAW TO FENCE	915mm
FENCE WITH MICRO ADJUSTMENT	825x100mm
DUST EXTRACTION OUTLET MACHINE	150mm
SAWGUARD	100mm
TOTAL AIR VOLUME REQUIRED	1870CMH
VOLTAGE/FREQUENCY	3 PHASE+EARTH; 400/230v – 50/60 Hz
MOTOR RATING	5.5Kw IE2 (S1)
MOTOR FULL LOAD CURRENT IN AMPS	11.5A
STARTING CURRENT IN AMPS	69A
REQUIRED FUSE SIZE IN AMPS	25A/ph
REQUIRED CABLE SIZE	4mm ²
PACKED DIMENSIONS LxWxH	1300x1400x1250mm
NETT WEIGHT	468 kg

OPTIONAL 610mm CROSS CUT TABLE

SIZE OF TABLE (LENGTH x WIDTH)	600x350mm
DISTANCE SAW TO MITRE FENCE	610mm

OPTIONAL RIGHT HAND EXTENSION TABLE

SIZE OF TABLE (LENGTH x WIDTH)	800x700mm
DISTANCE SAW TO RIP FENCE	1220mm

OPTIONAL REAR TAKE OFF TABLE

SIZE OF TABLE (LENGTH x WIDTH)	800x700mm
--------------------------------	-----------

