

# STARTRITE

## 9" Tilt Arbor Sawbench



**Compact  
design with  
'BIG'  
machine  
features for  
maximum  
operator  
safety**

# The STARTRITE 9



Machine Tool construction gives maximum accuracy.



The rigidity and smooth running of the machine means less operator fatigue.



Safety pattern riving knife is always in the correct position in relation to the saw blade.



Safety type saw blade guard offers maximum protection and minimum working obstruction.



The rigid flat table, positive depth and angle setting gives operator complete confidence.



Easy access to the spindle makes correct fitting and removal of the tools a simple and quick operation.

Fully adjustable safety guard and riving knife

Extra heavy close grained cast iron table, ensures accurate vibration-free operation

Mitre gauge with end stop

Two large handwheels give fast control of blade height and angle of tilt. Both movements locked with single handknob. Positive stop for accurate 90° blade setting. Smooth movement through needle bearings and fine screw mechanism



MODEL



Machine shown set up for bevelling operation. Rigid flat table and blade tilted away from rip fence gives optimum conditions for this operation.

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# 9" Tilt Arbor Sawbench

Easy access to saw through large table insert

Rip fence with locking and fine adjustment control

Push button starter with thermal overload and no-volt release protection

Large accurately graduated scale indicates angle of tilt up to 45°

Robust table apron casting carries arbor mechanism ensuring maximum accuracy

The STARTRITE 9" Tilt Arbor Sawbench has many outstanding features, and strict engineering principles have been observed in all stages of design and manufacture. The importance placed on the safety factor from the first preliminary design right through to the production models, has in itself produced a machine that can be used with confidence and therefore safety from the word go.

The robust precision machined heavily ribbed cast iron table size 22" x 23" has two accurately machined mitre gauge slideways. A 1½" x ½" steel bar is securely bolted to the front face to provide slide support for the rip fence which can be quickly and firmly fixed in any position along its length. A fine screw fence adjustment and accurately divided scale ensuring accurate setting.

The high tensile steel saw arbor is mounted in sealed-for-life bearings with efficient short centre dual vee-belt drive to motor. The entire arbor mechanism is attached to a heavy table apron casting and all alignments are made independent of the base. Two large handwheels provide fast acting blade control for height and angle of cut, with a positive stop at 90°.

A smooth sensitive movement is achieved through introduction of special roller thrust bearings and fine screw adjustment. Rise and fall tilt motions are locked simultaneously by a single handknob. The extra heavy welded steel cabinet base includes sawdust chute, removable cowl, bolting down holes and permits the coupling of the STARTRITE 'Cyclair' Extractor Unit (see accessories overleaf. For full details of this unit please see separate literature).



SAFE

Safety pattern Hold Down Unit fixing to rip fence. Spring guides give vertical and lateral control of work for moulding and grooving etc. (available as an accessory, see overleaf).

Cowl removed to show details of heavily ribbed underside of table and attachment of arbor mechanism to apron casting, ensuring correct alignment.



# Specifications

## SPECIFICATIONS:

Diameter of saw blade  
 Diameter of saw arbor  
 Maximum rise of saw at 90°  
 Maximum rise of saw at 45°  
 Distance from front of table to centre of saw  
 Maximum distance from rip fence to right of saw  
 Maximum distance from rip fence to left of saw  
 Table height  
 Table size  
 Blade speed (ft./min.)  
 Motor h.p. (single & three phase)  
 Net weight (lbs.)

## MODEL 145

9"  
 3/8"  
 3 1/8"  
 2 1/4"  
 14 1/8"  
 13 3/8"  
 8 1/2"  
 34"  
 22" x 23"  
 6750  
 1 1/4  
 200

## STANDARD EQUIPMENT:

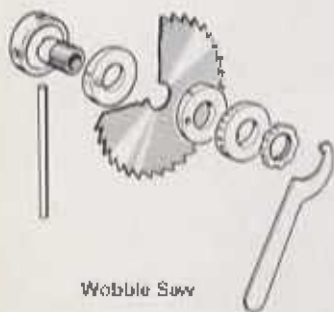
Saw Blade, Rip Fence, Mitre Gauge,  
 Motor Unit, T.O.N.V.R. Starter,  
 Spanner and Handbook.  
 Supplied for single or three phase operation.

## OPTIONAL EQUIPMENT:

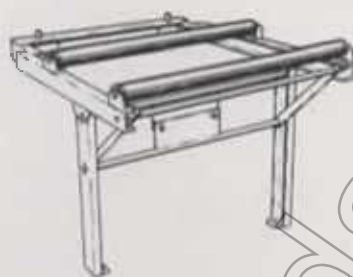
(Must be ordered with machine)

Tamper Proof Blade Guard Hood, with lock and keys  
 Key Operated Switch  
 Fused Isolator  
 Non-Fused Isolator  
 Electrical Interlock  
 Trailing Foot Switch

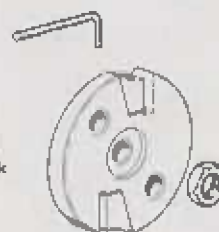
# Accessories



Wobble Saw



Feed Off Roller Assembly



Moulding & Grooving Block



Saw Blades

8" & 9" Dia. Rip, Cross-Cut & Combination Tooth Saw Blades for cutting wood.  
 8" & 9" Dia. Mitre Saws (Planer Saws) Hollow Ground giving planed finish on wood.  
 8" Dia. Hollow Ground Saws in High Speed Steel, Semi-High Speed Steel & Carbon Steel, 5, 8, 10 & 16 T.P.I., for cutting plastics and non-ferrous metals.  
 8" Dia. Carbide Tipped Saws in various pitches.  
 8" Dia. 'Permagrit' Tungsten Carbide Wheels for cutting, sanding and grooving wood and plastics.

SP254 Wobble Saw 1/2" - 3/4" capacity with screwed and graduated collar, complete with 'C' spanner and tommy bar.

Safety Pattern Moulding & Grooving Block (3 1/2" Dia.) with wedge fixing. Moulding cutters supplied in pairs, quote Pattern No. when ordering.

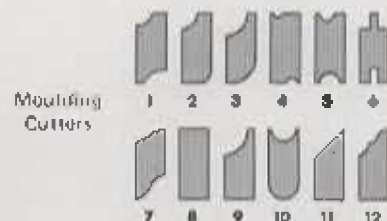
1946 Special Table Insert (must be used with Wobble Saw and Moulding Block).

SM833 Hold Down Unit. Complies with the requirements of the Woodworking Machinery Regulations 1974 (U.K.)

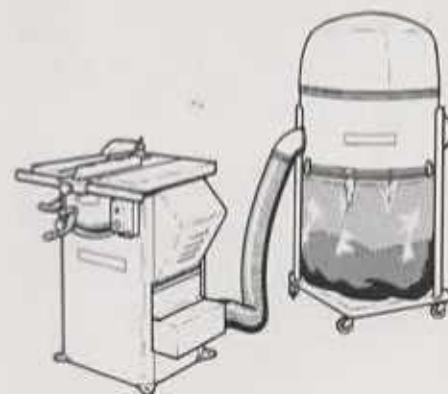
SM926 Feed Off Roller Assembly. Complies with the Regulations stated above, and gives an additional working area of 41" x 45".

'Cyclair' Extractor Unit (single or three phase supply).

SM1054 Lower Extractor Coupling Kit, enables Extractor Unit to be coupled directly to sawbench.



Moulding Cutters



'Cyclair' Extractor Unit coupled to Model 145 Sawbench

# STARTRITE

MANUFACTURERS OF MACHINE TOOLS  
& WOODWORKING MACHINERY

Dealer

Descriptions and specifications do not form part of a contract and are subject to change without notice.

Ref. No. BA13/80.