



SET

DIAL-A-SIZE SINGLE END TENONER



SET SETTING THE PACE IN SINGLE END TENONING

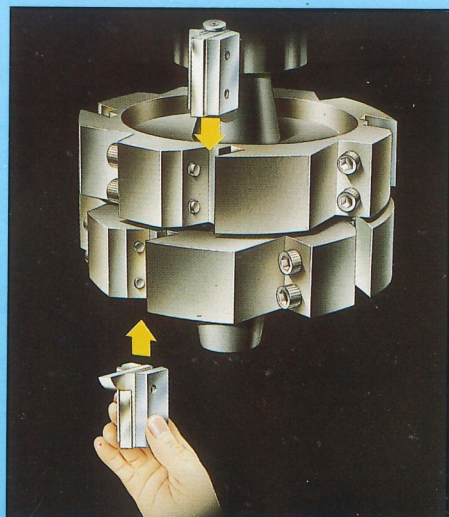
Recognising the need to change quickly from one tenon size and scribe to another, Wadkin have developed the SET. Using innovative design and proven technology the SET offers dial-a-size setting for supreme accuracy. The unique cutterblocks with quick change cartridges enable any scribe to be machined quickly and accurately. The SET represents a major breakthrough for the joinery industry.

QUICK AND ACCURATE SETTING

The complete machine has been designed to save time. Tenon thickness, length, bottom shoulder height and shoulder stagger measurements are quickly adjustable and can be locked into position. Dimensions are shown on digital displays giving easy and accurate recall. The standard 1500 mm (5 ft) long fence is graduated for easy and accurate positioning of the quick release shoulder stop. And, finally, there's a front end stop to give accurate tenon length.

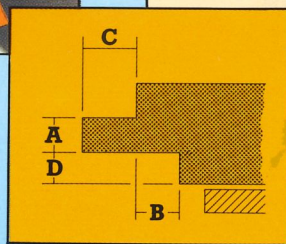
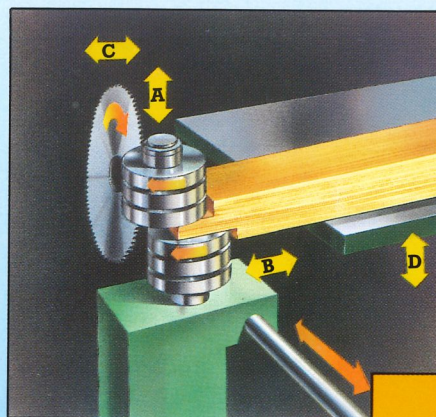
QUICKLY ADJUSTABLE CUTTER BLOCKS

The patented cutter blocks continue the accent on saving time. These blocks accommodate exchange cartridges that can be changed in seconds. And since the backing pieces on the fence need to match, these can be changed just as quickly.



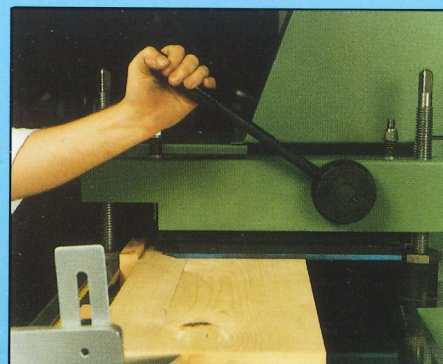
Exchange cartridges can be changed in seconds.

- A Top block adjusted to provide tenon thickness.
- B Bottom block adjusted to provide shoulder stagger.
- C Cut off saw adjusted to provide tenon length.
- D Table adjusted to provide bottom shoulder height.



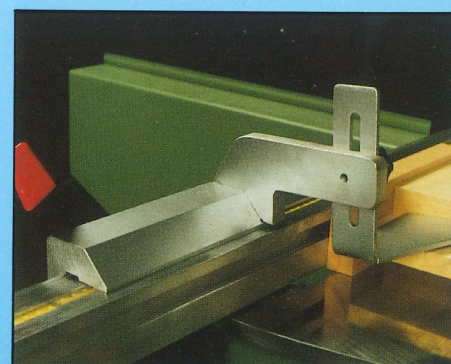
SAFE AND EASY TO USE

Although the emphasis of the SET is speed and accuracy, safety and ease of use are not compromised. All controls are grouped and easily accessible.



Quick release manual clamp and graduated fence with quick release shoulder stop.

Moving parts and electrical components are totally enclosed. There's an efficient dust-extraction port for a clean working environment and auto-braking for a safe one.



Graduated fence pivots from 90° - 45° to provide square and angled tenons.

SUPPORT

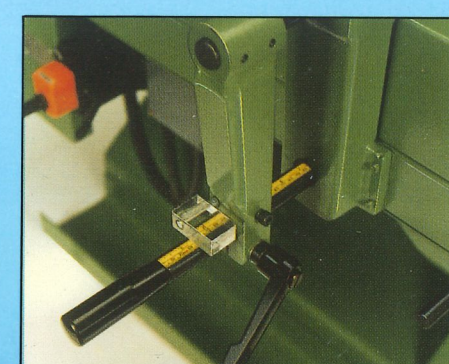
When you buy the SET single end tenoner from Wadkin you will be getting the most advanced machinery available. And the comfort of knowing that you are dealing with one of the longest established and largest woodworking machinery



Dial-a-size setting for tenon thickness, bottom shoulder height and shoulder stagger.

manufacturers in the world. Your investment will be secure - supported by a team of dedicated experts and service engineers.

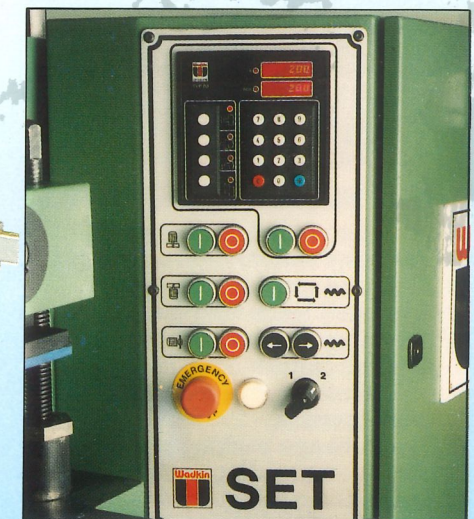
The SET single end tenoner - it's just one in a wide range of woodworking machines from Wadkin.



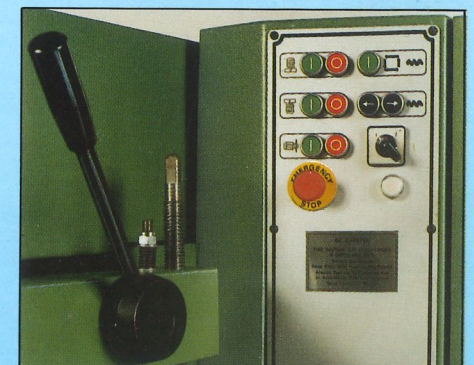
Graduated retractable front end stop.

SUPERIOR OPTIONS

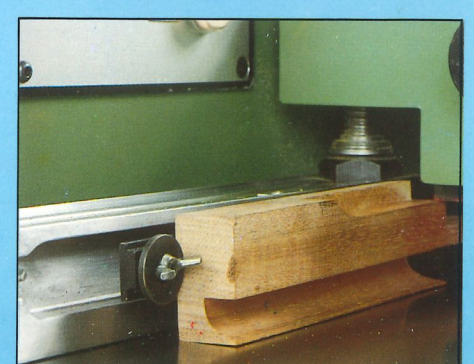
- Electronic controller.
- Cut off saw.
- Auto Star Delta starting.
- 2300 mm (7ft 6in) to 3000 mm (10ft) fence extension.
- Jog control for feed.



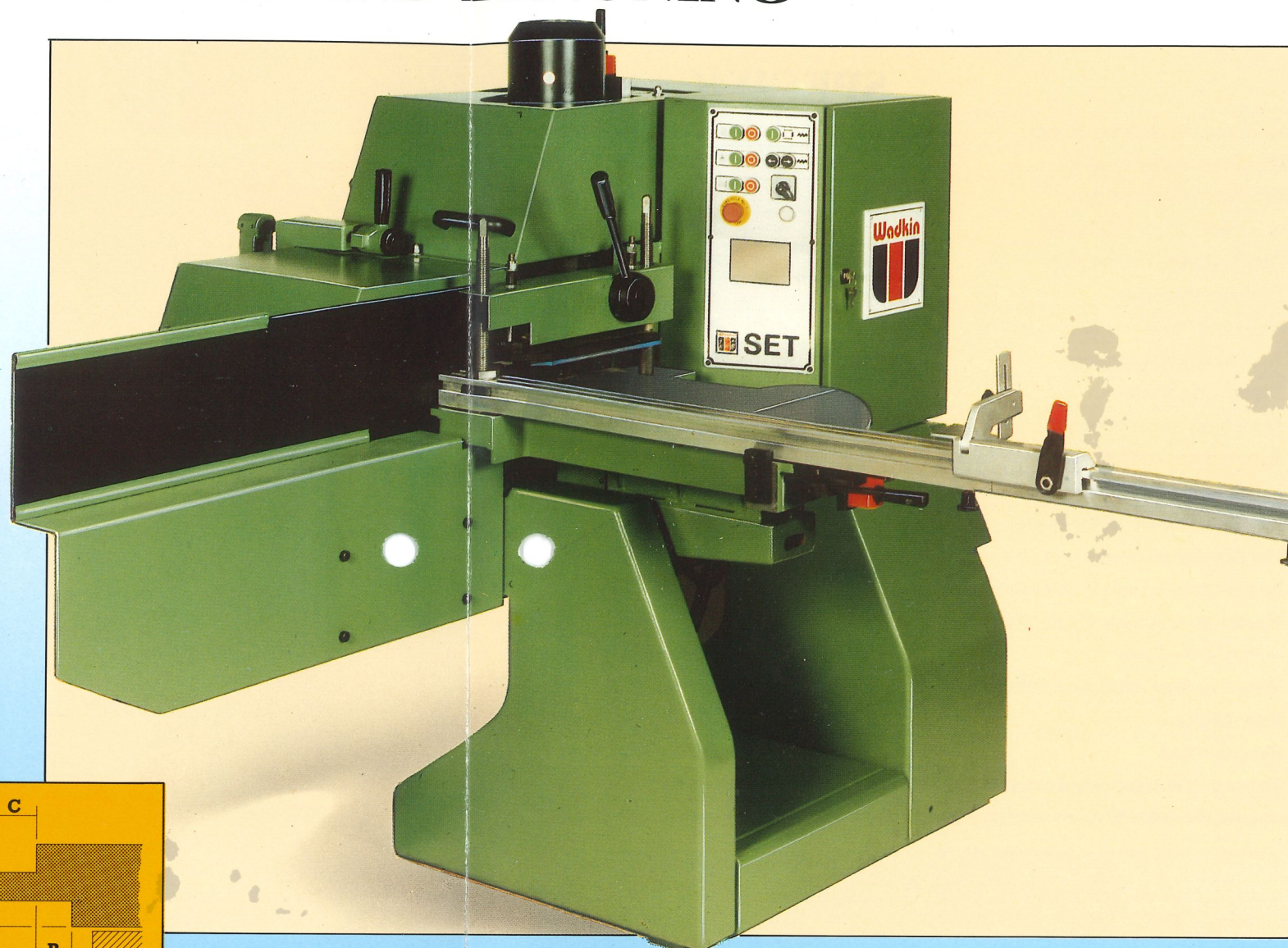
Optional electronic controller provides four axis simultaneous positioning of cutter blocks and table for different sized tenons.



Controls, grouped and easily accessible.



Quick change backing pieces.



SET DIAL-A-SIZE SINGLE END TENONER

SPECIFICATION

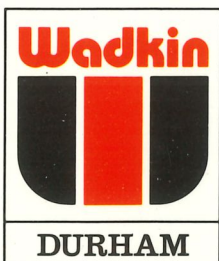
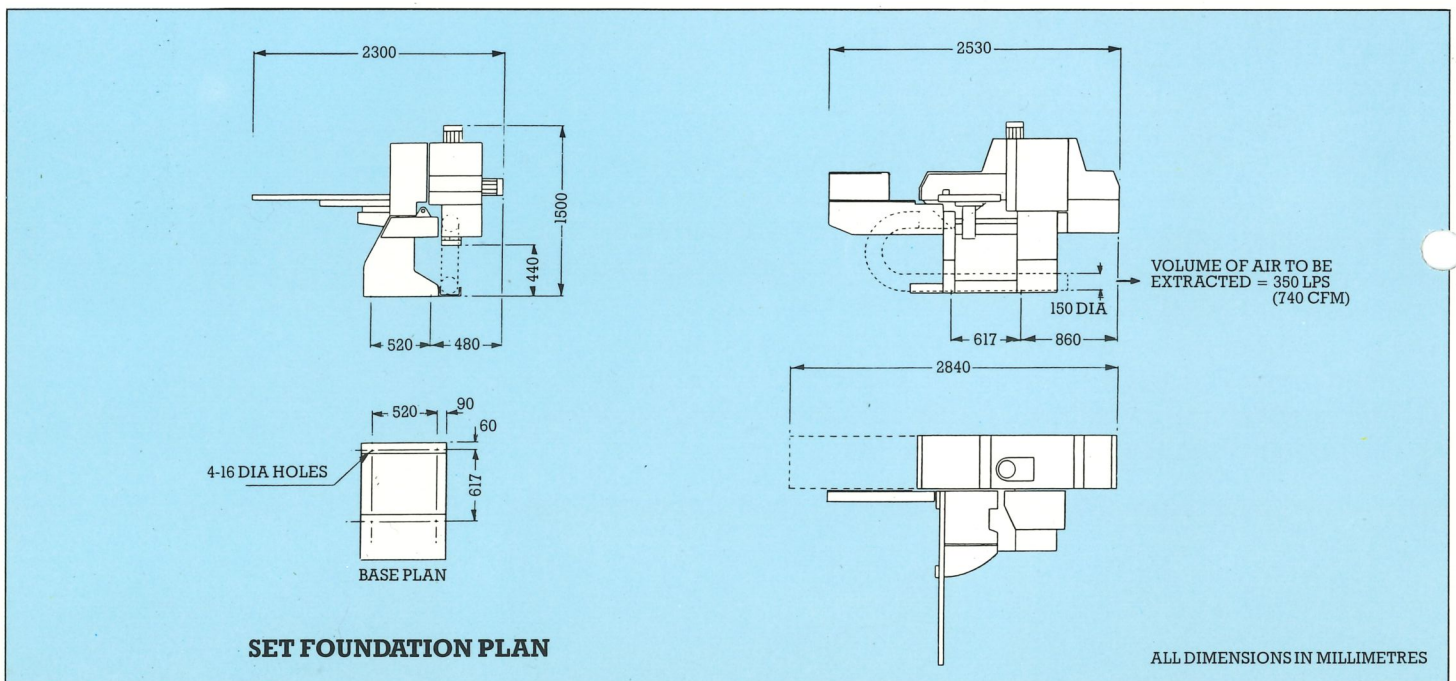


BASIC MACHINE INCLUDES

- Dial-a-size Tenon thickness.
- Dial-a-size bottom shoulder height.
- Dial-a-size shoulder stagger.
- Graduated fence with shoulder stop.
- Two independently adjustable patented cutterblocks, complete with cartridges and cutters.
- Power traverse.
- Quick change backing pieces.
- Integrated guarding and extraction.
- Auto Braking to cutterblocks.
- Operating Manual and service spanners.
- Mitre fence.
- Accurate setting device for cutters.

Maximum timber thickness	150 mm (6 in)
Maximum timber width	350 mm (14 in)
Maximum tenon length	150 mm (6 in)
Maximum tenon thickness	32 mm (1¼ in)
Depth of bottom shoulder	60 mm (2½ in)
Shoulder stagger	± 32 mm (1¼ in)
Maximum diameter tenon cutters	340 mm (13½ in)
Tenon spindle diameter	35 mm
Tenon spindle length	72 mm (2¾ in)
Speed tenon cutterhead	3000 rpm 50 Hz
Speed tenon cutterhead	3600 rpm 60 Hz
Power tenon cutterheads	4.0 kw (5.5 HP)
Infinitely variable feed speeds	1.0 m/min-8 m/min
Length of graduated fence bar	1500 mm (5 ft)
Power of cut-off saw motor (optional extra)	2.2 kw (3 HP)
Maximum diameter of cut-off saw	350 mm (14 in)
Bore of cut-off saw	30 mm (1¼ in)
Diameter dust extraction outlet	150 mm (6 in)
Nett weight	690 Kg (1521 lbs)
Gross weight	840 Kg (1852 lbs)
Extraction volume requirement 350 LPS at 100 mm water gauge (740 cfm)	

As our policy is to constantly improve design the details given in the leaflet are not to be regarded as binding.



Wadkin Durham,
Fence Houses,
Houghton-le-Spring,
Tyne & Wear, DH4 5RQ,
England.
Telephone: 091 3852385
Telex: 53441 BURDRM G
Fax: 091 3853311

A Division of Wadkin plc
Member of the Thomas Robinson Group plc

We know Woodworking!