

# STARTRITE

## Maxi-joiner

Model C18/190

'INCA'



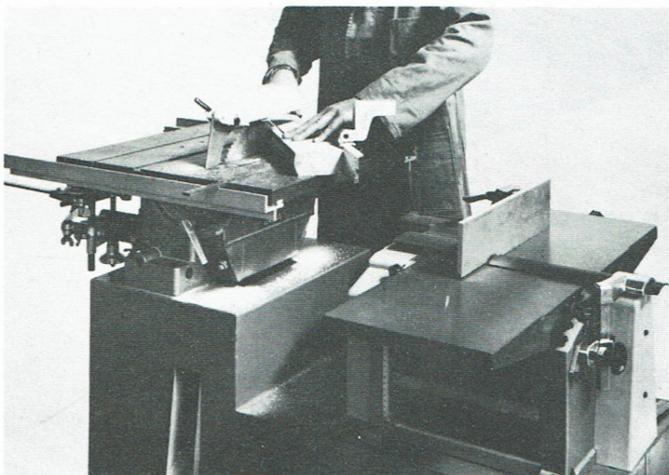
**Combining  
the following  
precision Swiss-built units:  
10" Sawbench - 10 $\frac{1}{4}$ " Surface Planer -  
10 $\frac{1}{4}$ " x 6 $\frac{1}{4}$ " Power feed thicknesser -  
Boring and mortise table**

# STARTRITE MAXI for

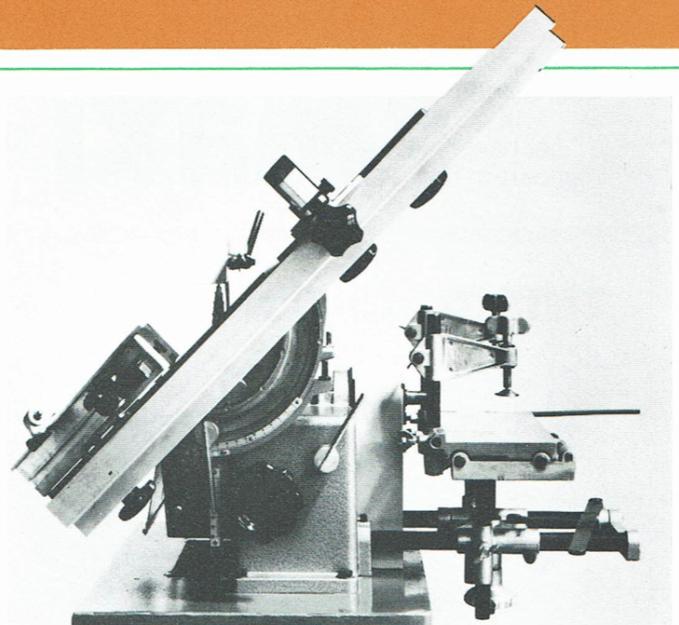
## Circular Saw Table

The 10" Sawbench is capable of crosscutting up to 80 mm ( $3\frac{1}{8}$ "") deep and will rip all types of panels. The table has a rise and fall mechanism guided on slideways with a positive locking system. The table tilts through  $45^{\circ}$  and may be locked in any intermediate position. The extension section, locked into slide-rails, may be used on either side of the main table which, fully extended, measures 520 x 650 mm ( $20\frac{1}{2}$ " x  $25\frac{1}{2}$ ""). A rip fence, is supplied as standard equipment. The saw guard is mounted on the riving knife enabling panels to be cut.

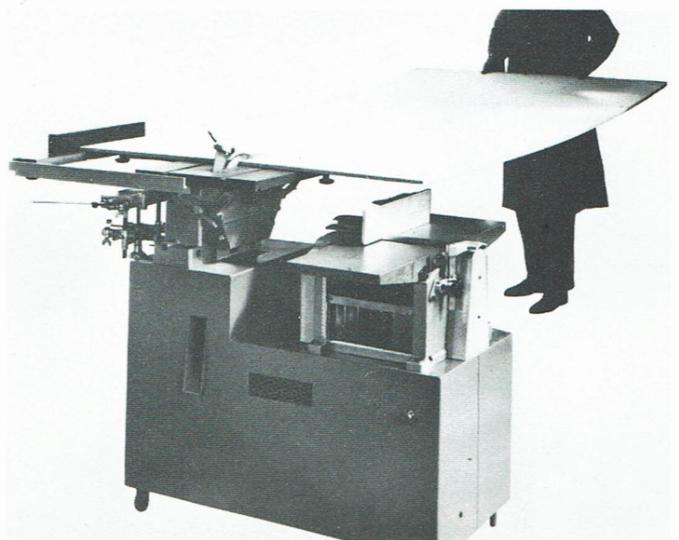
The precision mitre guide is graduated  $45^{\circ}$ ,  $60^{\circ}$ ,  $75^{\circ}$ ,  $90^{\circ}$  and is fitted with an adjustable repetition end stop. The guide bar runs in a slot to the left and right of the saw and the spindle of the sawbench accepts wobble washers for grooving, trenching and rebating with a saw blade. For greater dimensional accuracy a series of grooving saws is available. These saws are useful for comb-jointing where accurate fit and clean finish are essential. A safety type moulding block with two cutters can also be used on the saw spindle. The moulding cutters are slotted for safe fixing and have a splinter proof malleable iron core.



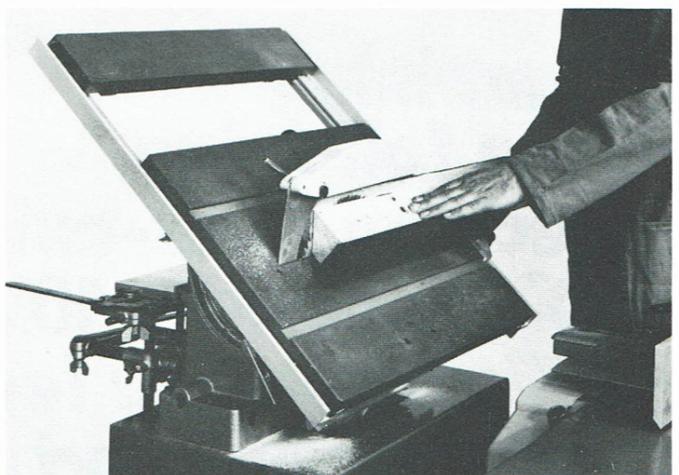
Mitreing — a repetition end stop is also included.



The  $45^{\circ}$  tilting table locks in any position.

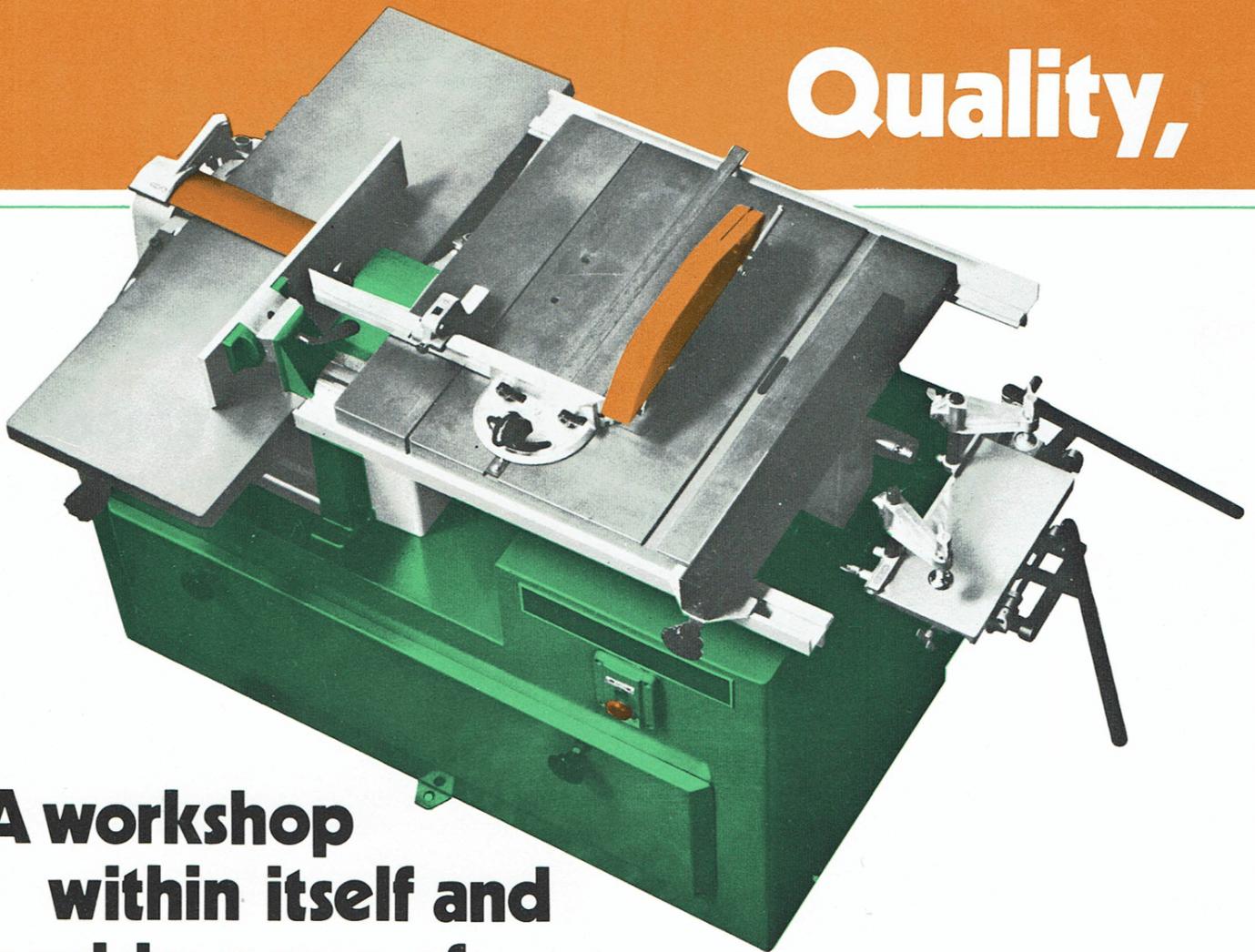


With special rail rips to centre of 1520 mm (60") panel.



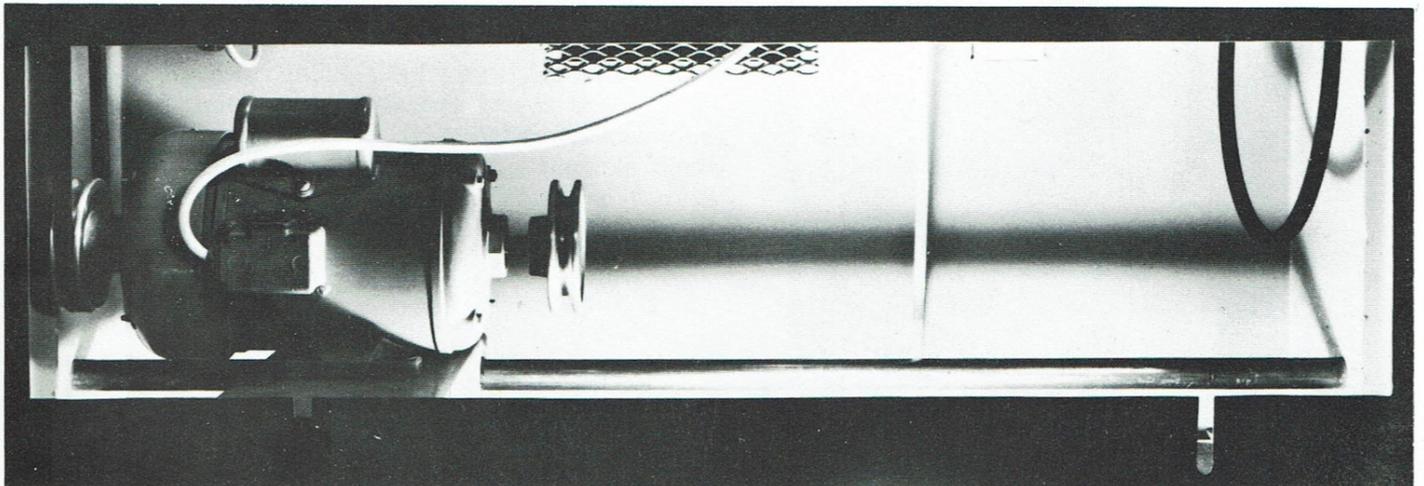
Ripping, crosscutting and bevelling with precision.

# Quality,

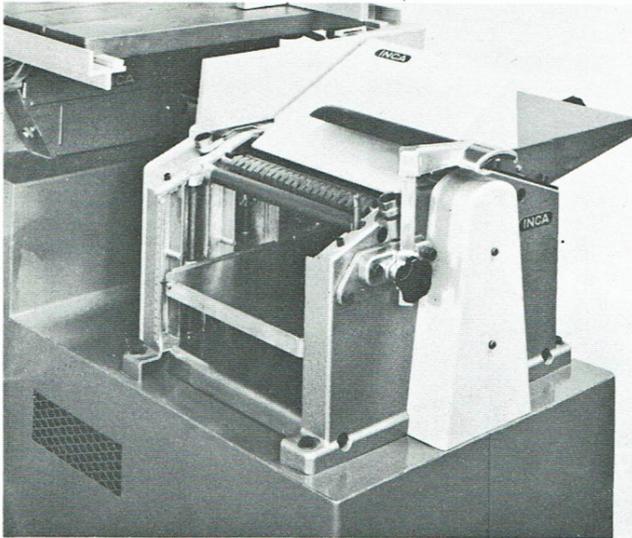


**A workshop  
within itself and  
a wide range of  
accessories for sawing, planing,  
thicknessing, boring, mortising,  
tenoning, moulding, sanding etc.**

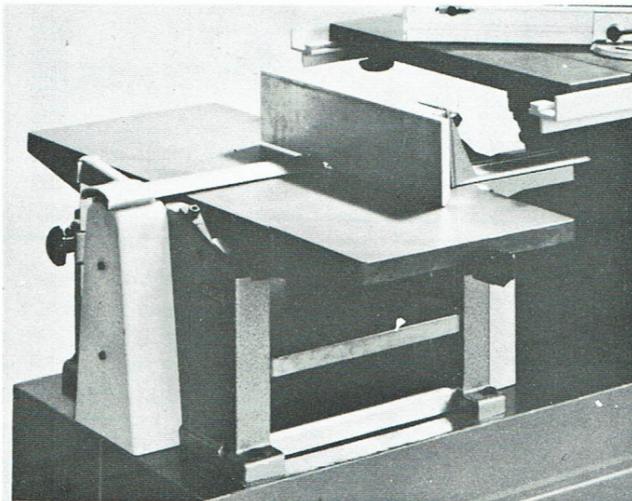
The special motor arrangement on its slide rail showing the two drive location points. Two V belts are provided and the motor can be rapidly moved along the rail and locked at the saw or planing station.



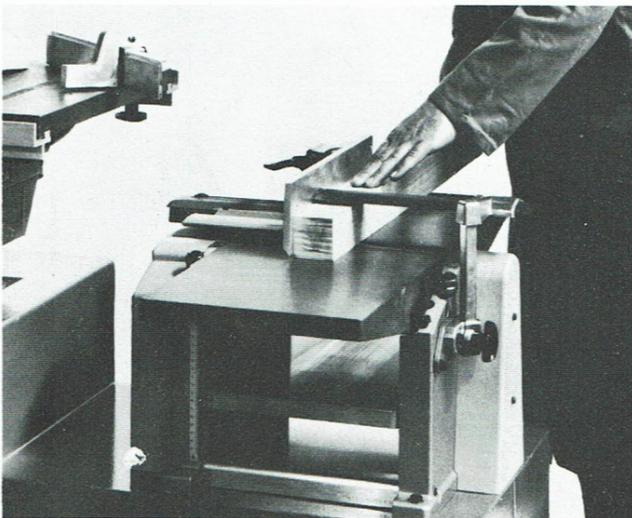
# Accuracy & Compactness



The machine set for thicknessing. . . .



can be changed to the planer in seconds



Clear precise planing with exact chip size adjustment

## Planer & Thicknesser

This versatile unit is a combined 10¼" Planer and 6¼" thicknesser, adapted for either operation in a few moments.

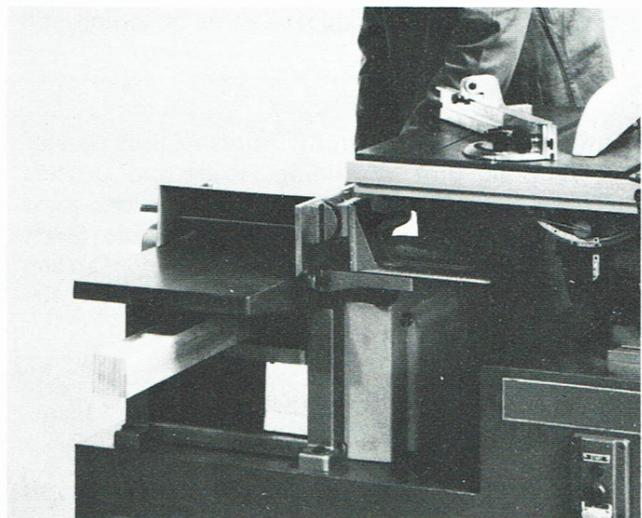
The surface tables are 800 mm (31½") long and the front table adjusts by handwheel against a scale for cuts up to 3 mm (⅛") deep.

The thickening table is 400 mm (15¾") long with height adjustment by handwheel up to 160 mm (6¼") capacity. The rear surface table is removed for access when thickening and a chip deflector acts as a cutter guard.

The dynamically balanced two knife cutter - block is made from heat tempered steel with self-lubricating ballbearings.

A two step pulley on the cutter block shaft forms primary drive for both feed rollers. Final speed reduction is through a nylon planetary gear system giving two rates of automatic feed, 11 and 16ft/min.

Anti-kickback fingers, tilting fence, guard and chip deflector are all standard equipment.



Thicknessing — with automatic feed (2 speeds)

# Versatility and Economy

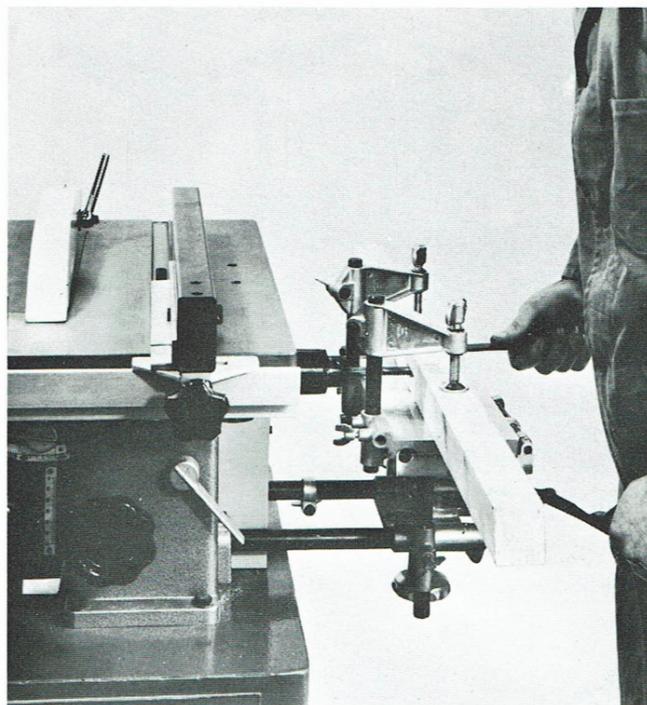
## Mortising Table

This unit has robust supports for both vertical and horizontal adjustment and stops are provided for regulating the depth and length of the mortises.

The table can be raised to the desired height by the handwheel and is locked by two wing nuts.

Two clamps are provided for securing the work-piece to the mortise table. The mortise table has a working surface of 120 x 250 mm (4¾" x 9⅞") and mortises can be produced in one stroke of the table up to a maximum length of 90 mm (3½").

Maximum boring depth is 115 mm (4½").



## Accessories

Quite apart from the comprehensive list of standard equipment supplied with this universal woodworker there are many optional extras available which increase the scope of this versatile machine still further.

Sanding disc, Sanding Drum, Abrasive Belt Sander and Coupling unit, Moulding Heads and Cutters Auxiliary guide for Moulding, Guide for lock-joint work, Device for Cutting tenons, Flexible Shaft with drill chuck, Mortise bits, Grooving Cutters and various Sawblades for cutting wood and plastic.

There is also a trolley device making the machine easily portable.



# Capacities and Specification

## Saw

Table size	MM	Inches
	520	20½
	x	x
	520	20½
Max. saw diameter	250	9 7/8
Height of saw above table	80	3 1/8
Spindle diameter	20	—
Max. rip	410	16¼
Max. rip (special rails)	760	30
Table tilt	45°	

## Thicknesser

Table length	400	15¾
Max. thickness	160	6¼
Max. cut	3	1/8
Feed speeds	3.5 & 5	11 & 16
	mt/min.	ft/min.

## Mortiser

Table size	MM	Inches
	120	4¾
	x	x
	250	9 7/8
Longitudinal stroke	90	3½
Traverse stroke	115	4½
Vertical adjustment	60	2 3/8
Chuck cap.	13	½

## Planer

Table length	MM	Inches
	800	31½
Table width	260	10¼
Cutter block diameter	62	2 7/16
Cutter block speed	6,000 r.p.m.	
No. of cutters	2	
Max. depth of cut	3	1/8

INCH SIZES ARE APPROXIMATE

## Motor

One Motor-Single or three phase  
- 1.25 h.p. - 2,850 r.p.m.  
Starter with thermal overload  
and no - volt release protection

## Measurements

Overall dimensions	MM	Inches
Length	1400	55
Width	815	32
Height	875	34½
Net weight	127 kilos	281 lbs.

## Standard Equipment

Sawbench table extension  
Safety guards  
Crosscut saw blade  
Riving knife  
Rip fence  
Wobble washers and table insert  
Saw mitre guide  
Mortise table with 2 clamps  
13mm (½") capacity chuck  
Tilting planer fence  
Bridge type planer guard  
Chip deflector  
Set of tools and instruction book

## Optional Extras

Moulding head with key and table insert.  
Moulding cutters-9 standard shapes  
Auxiliary wooden guide.  
Adjuster for moulding cutters.  
Mortise bits 6mm (¼")  
8mm (5/16") 10mm (3/8")  
13mm (½")  
Grooving cutters 3, 4, 5, 6, 8 or 10mm wide.

Saw blades for wood, plastics (see handbook).  
Corner lock jig.  
Sanding disc and abrasive sheets  
Sanding drum and abrasive sheets.  
Device for cutting tenons.  
Protective device for grooving  
Flexible drive shaft with chuck  
Abrasive belt sander  
Coupling for above when fixed to table.  
Handle for mitre gauge.  
Planer knives.  
Wheels making machine portable.

Ask your Dealer  
for our  
comprehensive  
price list with  
details of all  
accessories available