

# R30<sup>SM</sup> "SPEEDMAX"

The R30 SM 'Speedmax' is a completely enclosed rotary shaper developed specially for the production of small components made from wood. It can be used for both multi-station and centre-station work.

It is particularly suitable for chair parts, brush stocks, chopping boards, table mats, toys, etc., in fact most small shaped parts produced by the furniture and woodworking industries.

The R30 is the smallest machine in the range of 'Speedmax' rotary shapers.

The standard model incorporates a number of features which enable it to give maximum output with minimum set-up time, and optimum safety for operatives.

The features include:

## Safety

The machine is completely enclosed and acoustically clad, ensuring that noise and dust levels are kept to a minimum.

Further, all movements are push-button controlled, and electrically interlocked where necessary. The interlocking



incorporates a pressure cut-out switch which stops the machine if air pressure is insufficient.

## Variable table drive

The table has a DC variable drive which utilises a system of adjustable magnetic trips to control the table speed.

## Ease of setting up

Table speeds can be simply adjusted from the operator's control panel.

There is a readily accessible lever for adjusting the height of the cutter beam.

There are both side and rear doors to give easy access for setting up jigs and cutters.

## Greater output

The DC drive, combined with the simple speed change system, gives greater output.

## Special adaptation

The above features are standard to the machine, but a high speed router head for small radius work can be supplied in place of the normal shaping head.

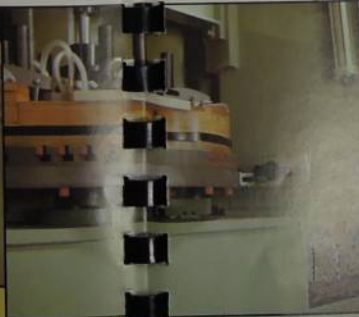
A view through the side door showing the cutter head and the ratchet lever for raising and lowering the cutter beam.

The hydraulic control for the cutter head infeed for centre station work. This provides smoother entry into the workpiece when starting the table.

The side of the table showing the red magnetic trips which change the table speed.

The table set up for multi-station and centre station work.

A selection from the range of cutter equipment available for the R30 Speedmax.





Typical components which can be shaped on the R30 'Speedmax'

### Technical Data

Max. cutting circle	890 mm (35")
Min. cutting circle	155 mm (6")
Max. square	630 mm (24 3/4")
Table diameter	711 mm (28")
R.P.M. of table infinitely variable from 8 seconds -90 seconds per rev.	
Table Motor	.75 KW (1 h.p.)
R.P.M. of cutter head	9,000 r.p.m.
Cutter head motor power	7.5 KW (10 h.p.)
Cutter Arbor diameter	30mm or 1 1/4"
<i>(Note: Arbors are of the 40 International 'Knock-Out' type.)</i>	
Follower Roller Diameter	<i>(Other sizes on request)</i> 110 mm STANDARD
<i>(Other sizes available on request.)</i>	
Machine size	Width 1500 mm
	Depth 1400 mm
	Height 1800 mm
	Weight 1200 KGS NETT
Air consumption	85 litres per minute (3 ft <sup>3</sup> /min.)
Working air pressure	5.4 atmospheres (80 lb/per sq. inch)
Extraction requirement	2380 m <sup>3</sup> /h (1400 cu. ft. per minute)

*(In the interest of further technical development we reserve the right to alter our design and equipment without notice).*

# RYE

## Rye Machinery Limited

Rye Machinery Ltd., Lincoln Road, High Wycombe, Bucks., England HP12 3TR  
Telephone: 0494 41211

Telex: 83218 RYEMAC-G