R9
ROUTER

scm

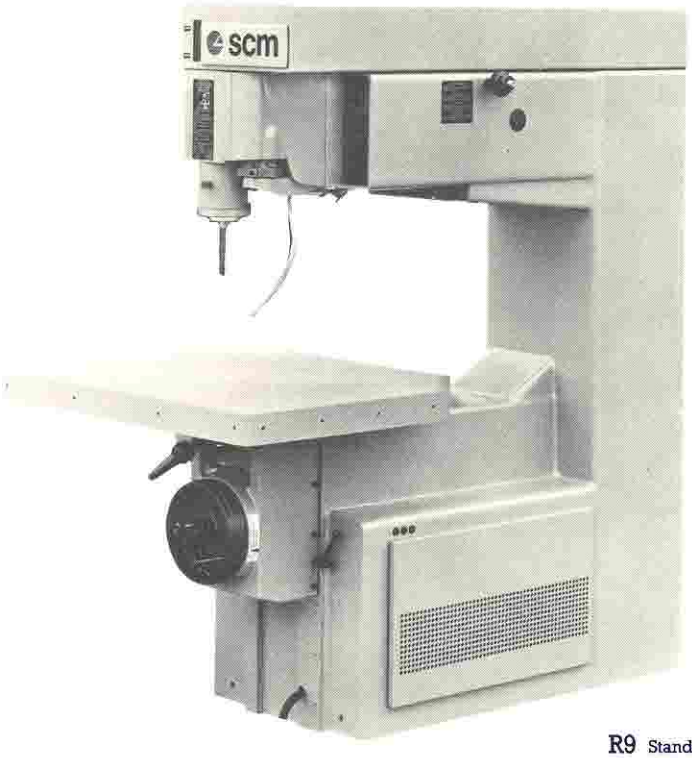
R9 ROUTER

R9 - THE WORLD'S BEST SELLING ROUTER

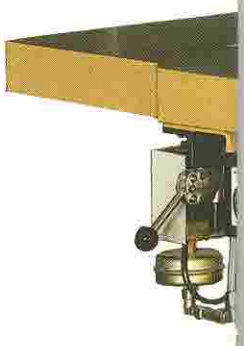
The R9 is an extremely versatile automatic router capable of switching over from hand pin routing to all types of high volume production routing.

Equipped with a large range of accessories, the R9 router can carry out intricate routing with special tools to produce specific profiles and particular requirements.

Technical innovations made to this machine have made the R9 an undeniable reference for the construction of any type of vertical router and have ensured its success on all markets, making it the world's best seller.



R9 Standard version

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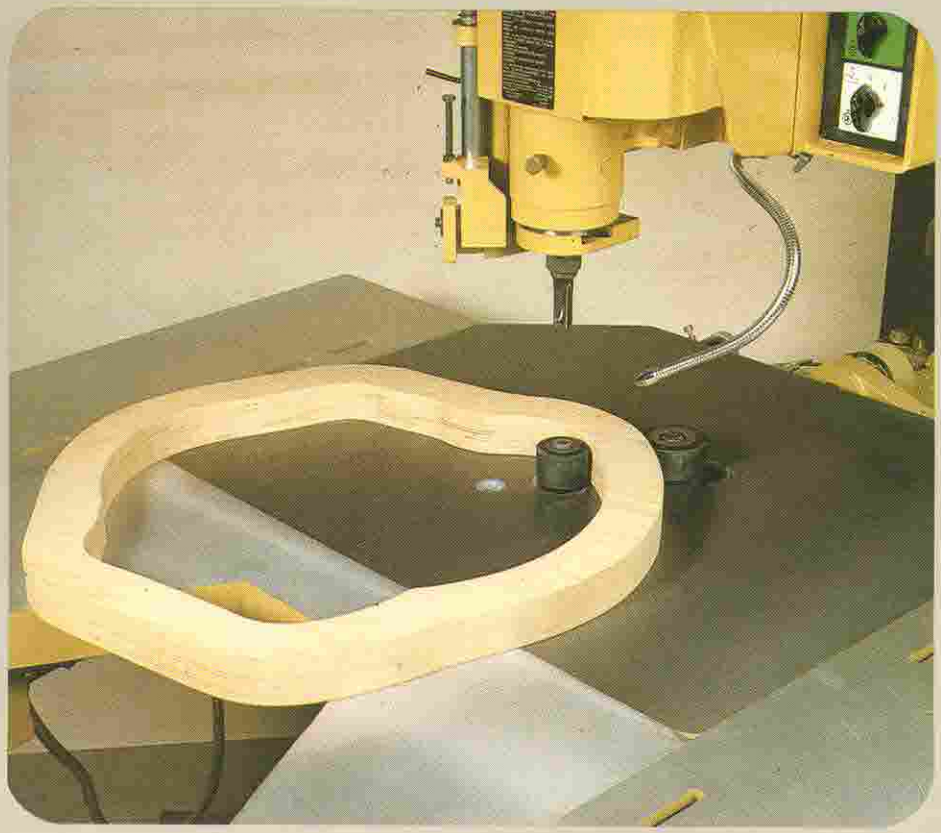
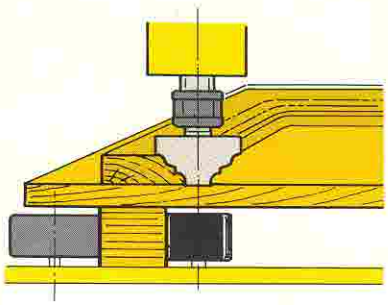
R9 A WIDE VARIETY OF OPERA





AUTOMATIC POWER FEEDING TRANSFERS R9 INTO A HIGHLY AUTOMATED LARGE VOLUME PRODUCTION MACHINE.

The SCM designed power feed assembly consists of 2 rubber feed rolls (one mobile and one fixed on the same axis as cutter). These automatically feed the workpiece which is, in turn, clamped to a template or jig. Templates or jigs are easily produced from samples.

Particularly suitable for high volume production, increasing output without need of skilled labour and guaranteeing uniform production and excellent finish of workpiece surface. Constant feed speed ensures smooth throughfeed working on all profiles, total operator safety and reduced fatigue.
Feed rolls can be rapidly removed for hand pin routing with the aid of guide pins or adjustable table guide fence.

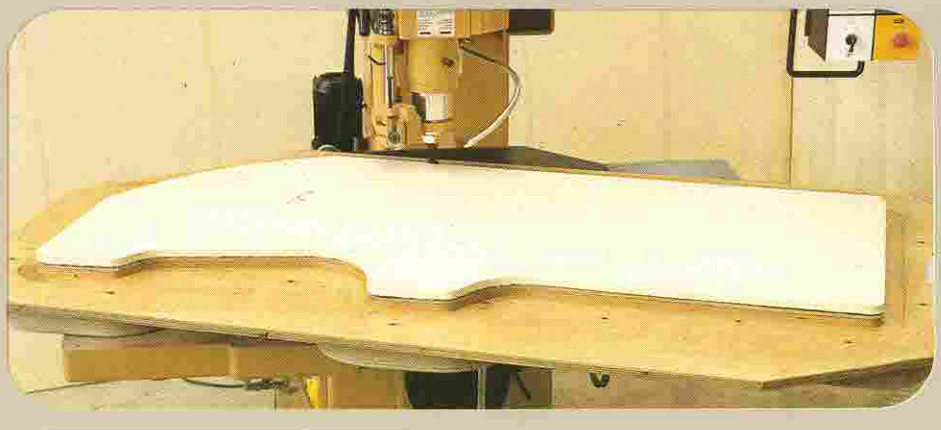
MECHANICAL HOLD-DOWN ENSURES PERFECT EXECUTION EVEN WHEN MACHINING SMALL OR THIN WORKPIECES.

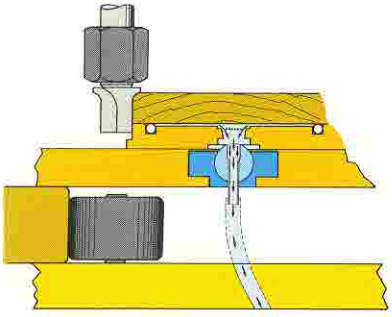
Mechanical hold-down ensures clamping of small workpieces or components which cannot be held in place by other systems.

Mechanical hold-down secures workpiece to tool work surface ensuring precision and vibration-free working.

Pressure regulator for floating head is available on request.

ATIONAL DEVICES





VACUUM HOLD-DOWN SYSTEM ENSURES RAPID AND SECURE SUCTION CLAMPING ACTION EVEN ON DELICATE WORKPIECE SURFACES.

Vacuum hold-down system is especially suited for routing of workpieces which have a delicate surface on both sides (e.g. finish coated or surface processed workpieces, etc.) which cannot be held in place by other conventional means.

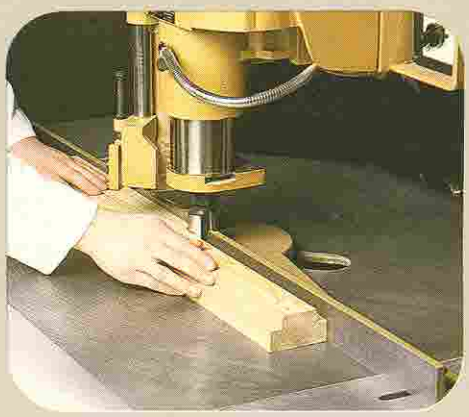
This system enables rapid clamping and release of workpieces by means of a small lever within easy reach of operator and is equipped as standard with safety pressure gauge which prevents feeding of workpieces in case of insufficient clamping pressure due to perforations or splits in wood.

ALL TYPES OF HAND PIN ROUTING USING ADJUSTABLE FENCE OR GUIDE PINS.

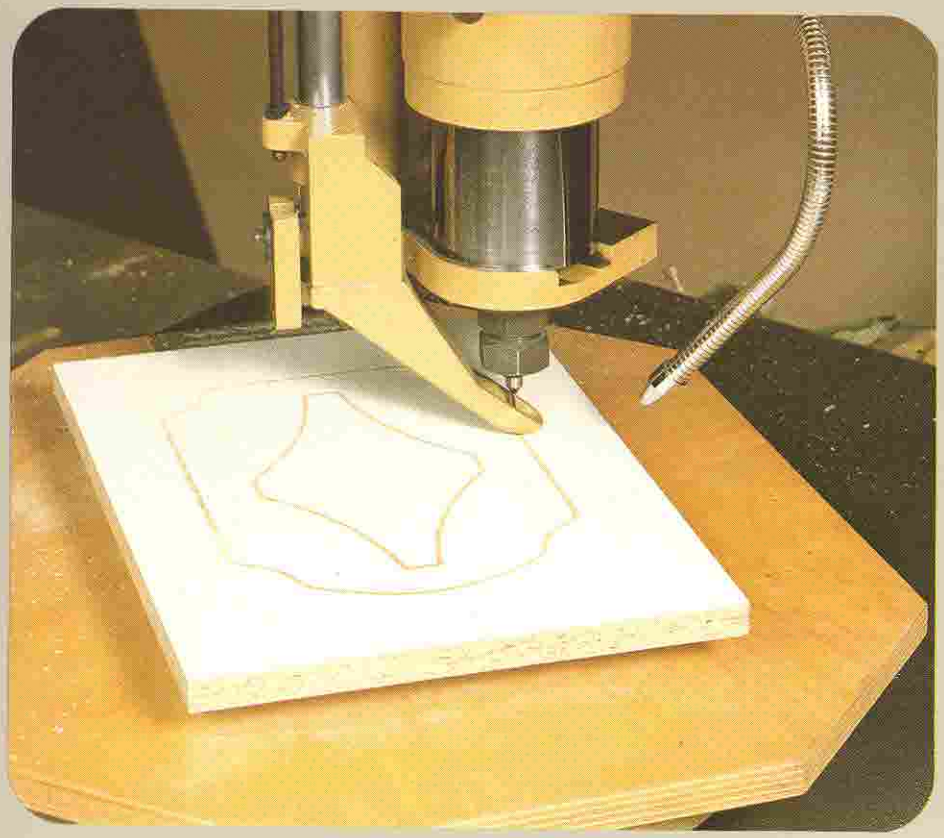
The guide pin is situated in the centre of the table on the same axis as the cutter. A lever placed under the table raises the pin settings to 4 different height positions.

Edge routing can be carried out using both pin, sample workpieces and template as reference.

Table guide fence, for accurate straight routing, easily clamps and locks onto the table. It can be positioned in relation to cutter, whilst side sections can be adjusted separately for jointing operations.



R9 A HIGH STANDARD OF QUA OUTPUT AND PERFORMANCE



HYDRAULIC FLOATING HEAD AUTOMATICALLY CONTROLS DEPTH OF CUT.

The hydraulically operated floating head controls raise and lowers tool as it follows the contour of reference surface for the cutting depth required.

Mouldings or engravings can be automatically processed with maximum precision at constant cutting depth, even on slightly curved surfaces or perfectly matching internal and external profiling of frames.

Depth of cut can be automatically adjusted by placing special guide pieces on worktable which are followed by the sensing arm of the floating head during machining.

HEAVY-DUTY PRODUCTION WORK OR USING LARGE DIAMETER TOOLS WITH MK3 MORSE TAPER ADAPTER.

A special chuck with MK3 morse taper adapter (instead of MK2) is available to execute deep profiles with large diameter tools or heavy cuts on hard wood, ensuring maximum safety and good quality finish in heavy-duty production work.

MK3 has 8,000/16,000 rpm (10,000/15,000 rpm at 60 Hz).