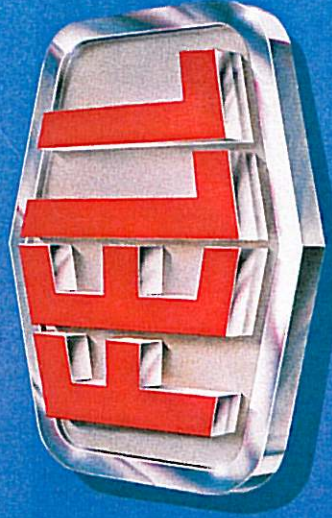
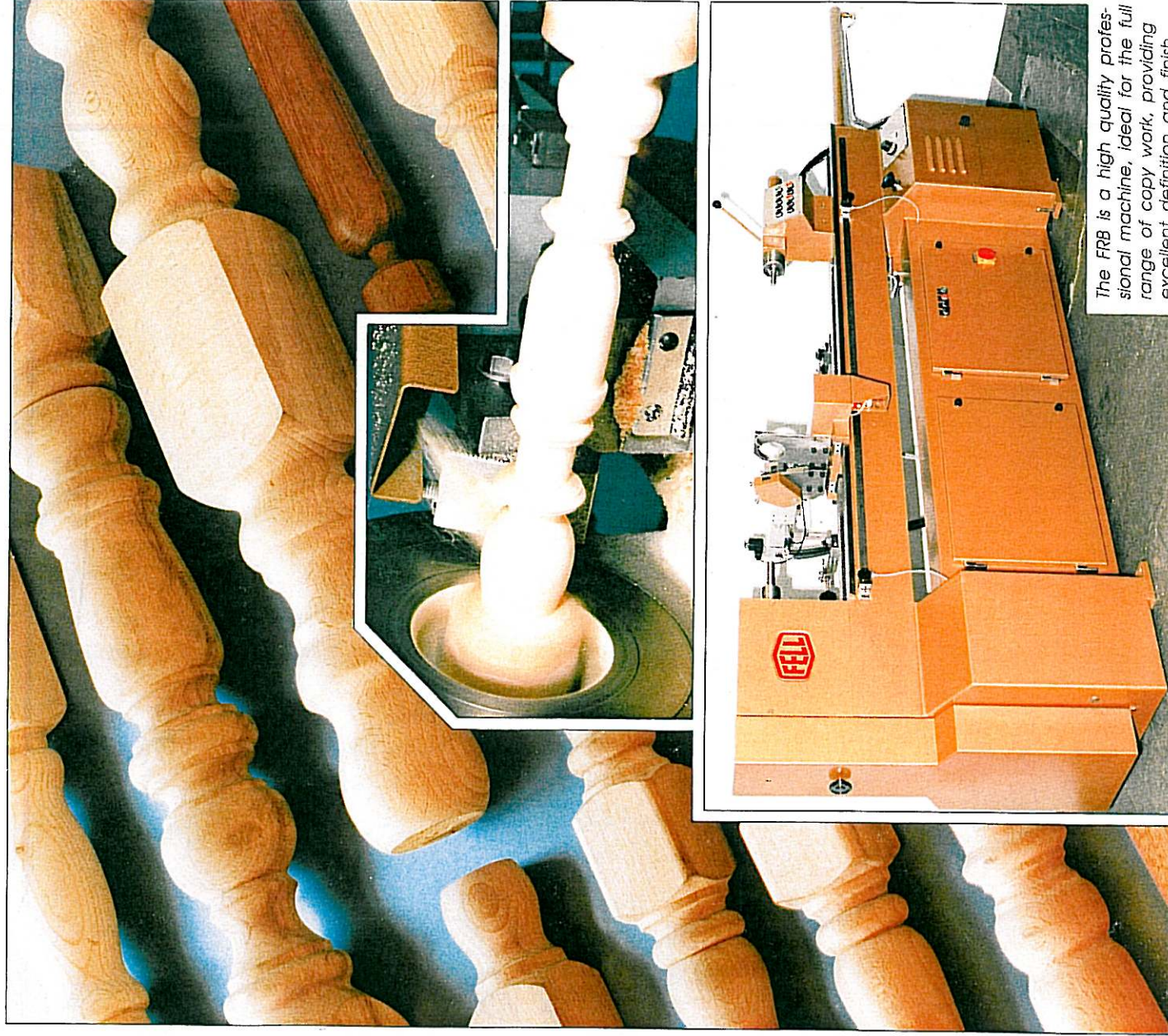
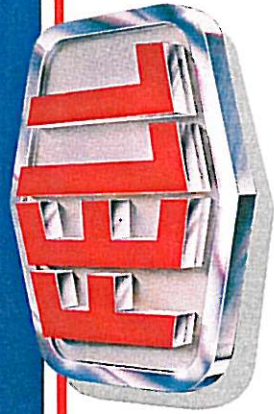




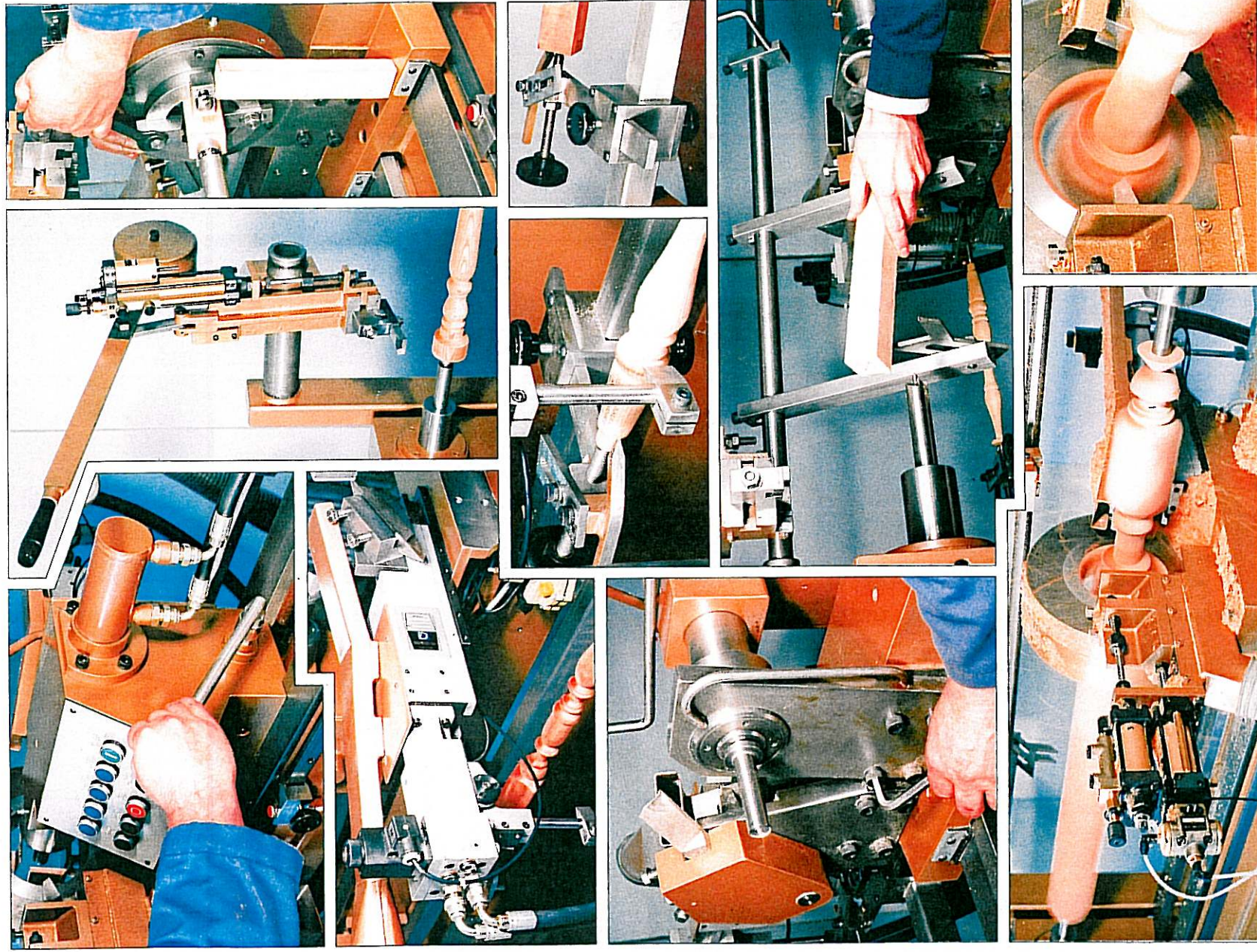
FRB Hydraulic Copy Lathe



The FRB is a high quality professional machine, ideal for the full range of copy work, providing excellent definition and finish.



FRB Hydraulic Copy Lathe



Exceptionally fine definition

Exceptionally fine definition is achieved in all woods, especially softwoods, with the FRB, while the robust design of every part of this fine machine ensures that the best quality product is turned at optimum speed, maximising the returns on your investment.

Hydraulic tailstock

Complete control of the tailstock pressure means that perfect control is achieved for whatever product is being turned, whether long slender snooker cues, or large farmhouse table legs. The optional automatic dual tailstock pressure control also offers very fine control for particularly long and slender turnings.

Heavy duty tenon tool slides

Even the largest of tenons cut perfectly using the high quality tenon tool slides. The adjustable hydro-checks ensure a smooth positive cut across the top of the turning with no snatching and no juddering.

The robust support rail for the top tenon slides remains perfectly rigid even with the

forces created by the larger tenon cutters, while a simple rail support provides added stability at the mid span of the longer bed machines.

Unique retractable roughing cutter

Large squared pieces such as table legs can be cut at one pass using the unique retractable roughing cutter unit. The cutter is situated just before and opposite the copy tool, and reduces the section of the workpiece, leaving the copy tool with a smaller finishing cut. At areas where the square section is to be kept, a proximity sensor, which is activated by aluminium adhesive tape and fitted just below the unit, withdraws the cutter, ensuring that the squared section is left uncut.

Two infinitely variable traverse speeds

Optimum cutting speed without compromise to the quality of definition and finish is achieved with the optional dual traverse speed. Fine details can be cut slowly, while other areas can still be cut at a faster economical speed.

All machine control switches and buttons are situated in the same area, ensuring easy regulation and control by the operator, while the main control panel is ergonomically set on the tailstock, offering perfect finger tip control at all times.

Fast machine set-up

Machine down time is kept to a minimum through easy adjustment of the template fixing brackets, while set-up of both the square and round steadies is very quick and easy.



The complete FRB hydraulic copy lathe is the ideal machine for heavy duty work in any wood turning shop. Soft-wood or hardwoods, long slender turnings or large massive turnings - all are produced efficiently, and with excellent definition.



A



B



C

A selection of FRB extras



D



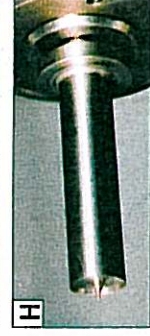
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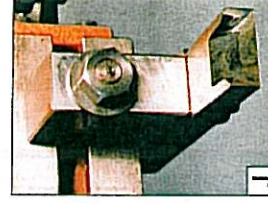
G



H



I



J



K



L

Specialist equipment

A wealth of standard equipment is available from stock for the FRB of which only a small selection is shown above.

Match your specific requirements

The machine can be supplied and enhanced to match your requirements, with many extras being fitted as and when they occur. Choose from three bed sizes, optional variable traverse speed, two top tenon tools or none, face plate turning, dual tail stock pressure, roughing cutter assemblies, and a host of other specialised parts all of which will satisfy the most demanding professional needs.

Response to specialised demands is quick and effective with the unique service which Fell offer with all their machines. Additions and new developments are promptly dealt with and manufactured to meet the needs of a multitude of unique turning problems - an assurance that could only come from the manufacturer.

Face plate turning, barley twist, and fully automatic hopper feed assembly are all features which can be met by the FRB. Truly a family of machines rather than one machine.

FRB technical specifications

Maximum length of turning	1100/1700mm
Maximum diameter of turning	200mm
Round steady sizes	up to 60mm
Small square steady sizes	up to 60x60mm
Large square steady sizes	up to 100x100mm
Spindle speeds	1000/1700/2400 rpm
Traverse speeds	1 or 2 (optional)
Spindle motor power	4.0 kW (5.5 H.P.)
power consumption	5.1 kW

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