

VIP

MULTI SPINDLE PROFILING MACHINE



VIP

...six workstations - six profiles

eliminates setting up time
— speeds up profiling

The VIP - a unique six table profiling machine is a simple concept that brings low cost high production moulding within reach of every workshop. With five angled tables and one horizontal there's practically no limit to the depth and length of stock that can be machined. And since each spindle is driven directly by independent motors the perfect finish is possible on almost any kind of timber.

Setting up times eliminated

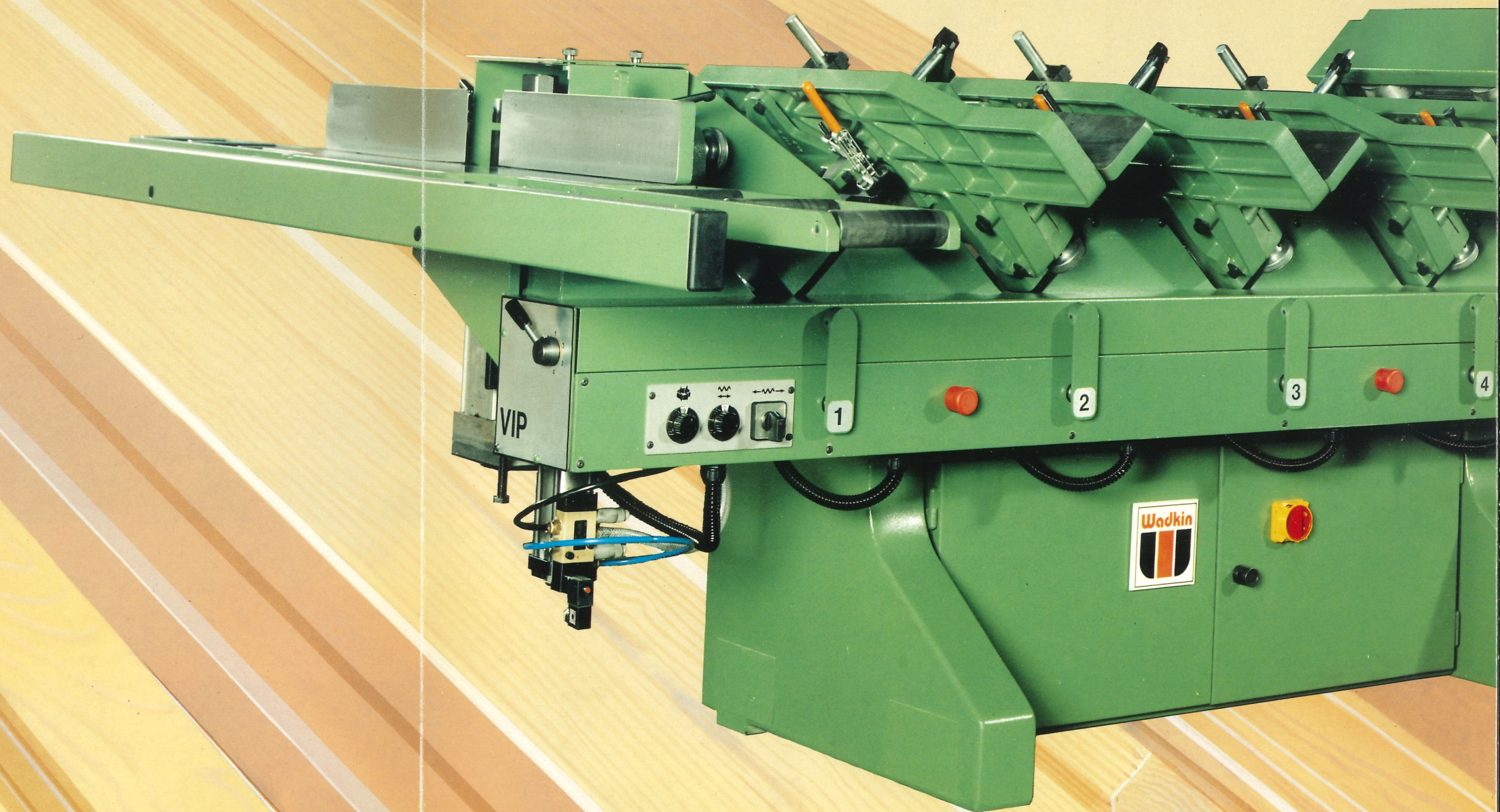
The six separate workstations each with their own table and fence completely eliminates setting up times when machining different profiles. If however, more than six profiles are needed, tool changing is quick too - the five angled fences simply swing away on a pivot to provide unrestricted access to the spindle.

Flexibility in the workshop

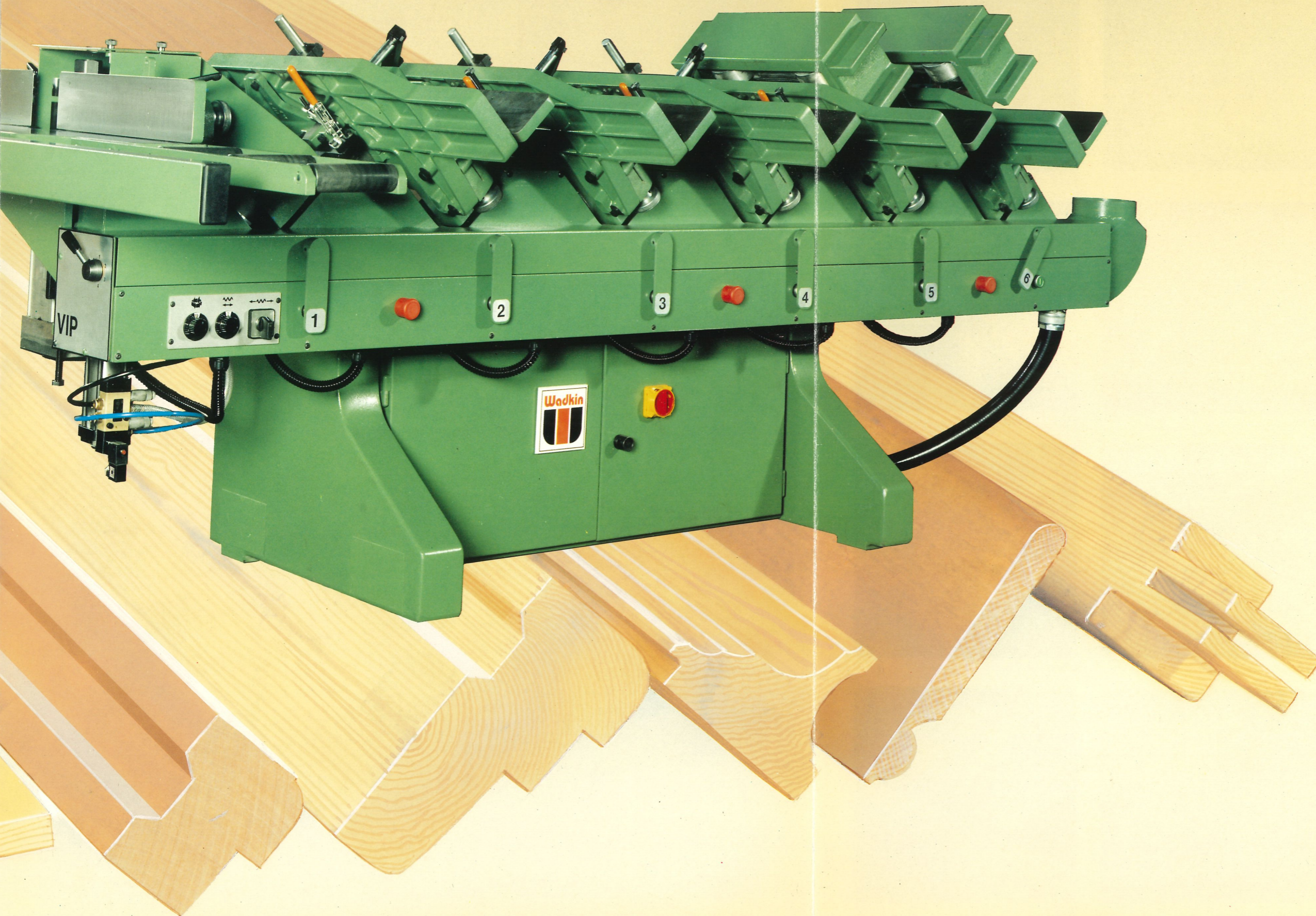
The table configuration - five angled and one horizontal, mean that there is almost no limit to the size of component that can be profiled and long lengths of timber can be handled easily, by one operator, using outer support rollers.

A patented power feed unit can be fitted to one or all of the workstations and optional infinitely variable feed speeds ensures optimum feed speed for each different mould or profile.

The front vertical spindle can be used for a variety of work and the optional table extensions and support rail make this front station ideal for window sash profiling and other frame and door machining. This unit can also be equipped with vertical jump movement to give a choice of profile cutters.



Workstations - six profiles - zero setting



Easy and safe to use

In addition to being compact - it takes up far less space than you'd think, the VIP is both easy and safe to use. The ergonomically grouped controls fall easily to hand. The six starter buttons are mechanically inter-related to ensure that only one workstation (or two if this option is taken) can be operated at once. There's an automatic spindle braking motor that stops the cutters within seconds and a highly efficient integrated extraction system.

The Solo System

The VIP is part of the Wadkin Solo System - a group of five machines, which can be used individually or together to provide a complete production line for processing solid timber to finished components. The five machines in the Solo System are: the BRA Cross Cut, PBR/HD Resaw, PAR for planing all round, JET for end jointing and tenoning and now the VIP for profiling.

More than a machine

When you buy the VIP multi spindle profiling machine from Wadkin you'll be getting much more than a machine. There's the comfort in knowing that you're dealing with one of the longest established woodworking machinery manufacturers in the UK. Your investment will be secure - supported by a team of dedicated experts and service engineers, and a nationwide network of carefully selected agents.

The VIP multi spindle profiling machine - it's just one in a wide range of woodworking machines from Wadkin.



VIP

STANDARD & OPTIONAL FEATURES

STANDARD

- Swing away fences allow easy access to spindles and tooling. Fig 1.
- With the fences swung away, long lengths of moulding can be handled comfortably by one operator. Fig 2.
- Ergonomically grouped controls for head selection, cutter speed variation and emergency stop. Fig 3.
- Each workstation has a 4.5kW (6hp) motor with tooling mounted directly onto spindle to give a perfect finish on all moulds.
- Micro fence adjustment gives accurate setting and therefore improved quality.
- Shaw guards hold the timber in position against the table and fence improving safety. Fig 4.

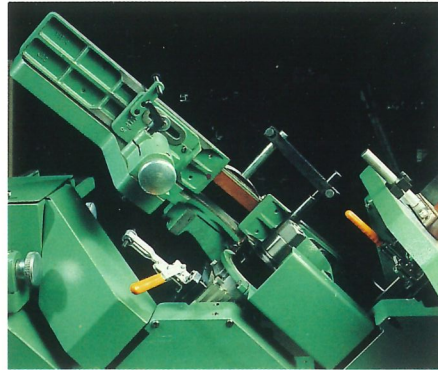


Fig 1



Fig 2

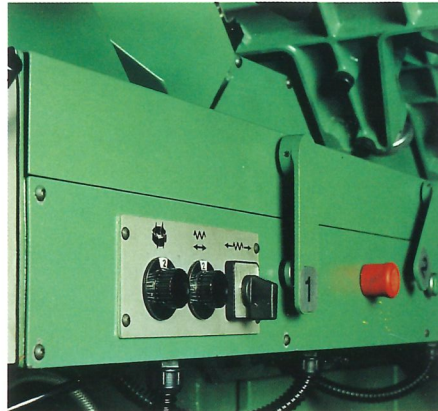


Fig 3

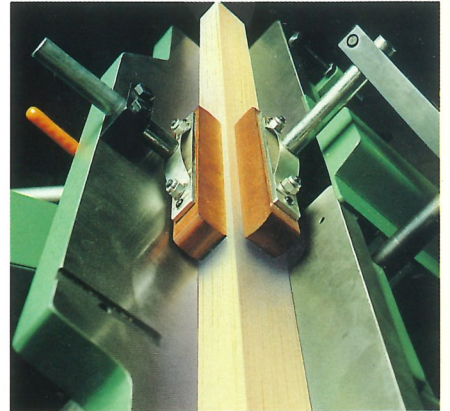


Fig 4

OPTIONAL

- Two tables – the horizontal at the front and any one of the angled workstations can be operated simultaneously, improving output. Fig 5.
- The addition of a sash support rail and end table extension improves flexibility when machining large/long components. Fig 6.
- The front horizontal workstation can accommodate two position jump tooling eliminating the need to change cutters when sash profiling. Fig 7.
- For faster production with retention of the perfect finish, patented, power feed units can be fitted to each table. Fig 8.
- Glass bead remover to make the most effective use of stock, and save time on handling.

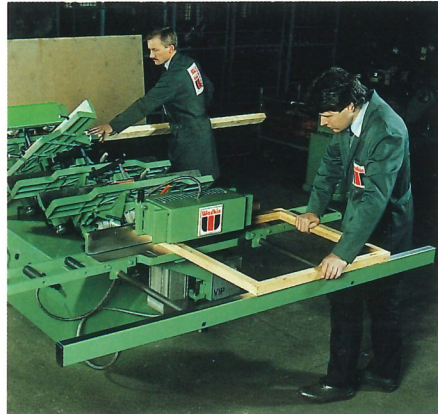


Fig 5

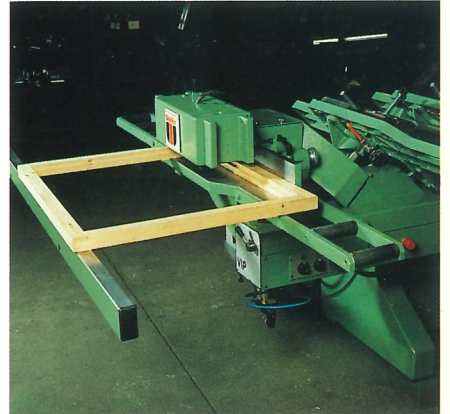


Fig 6

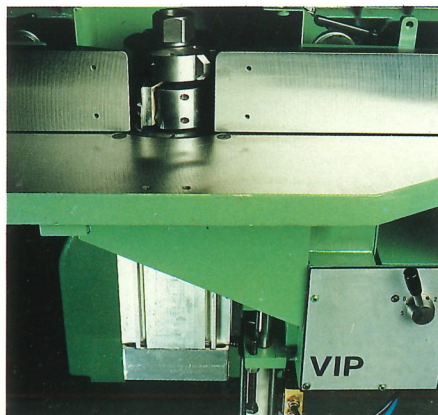


Fig 7

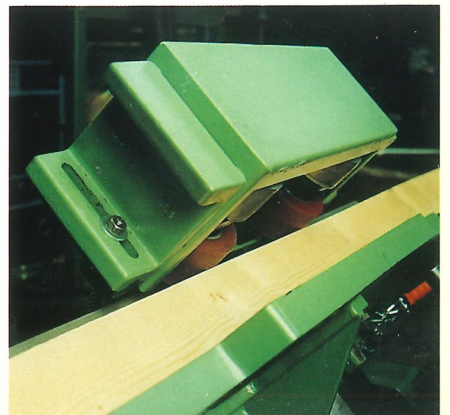


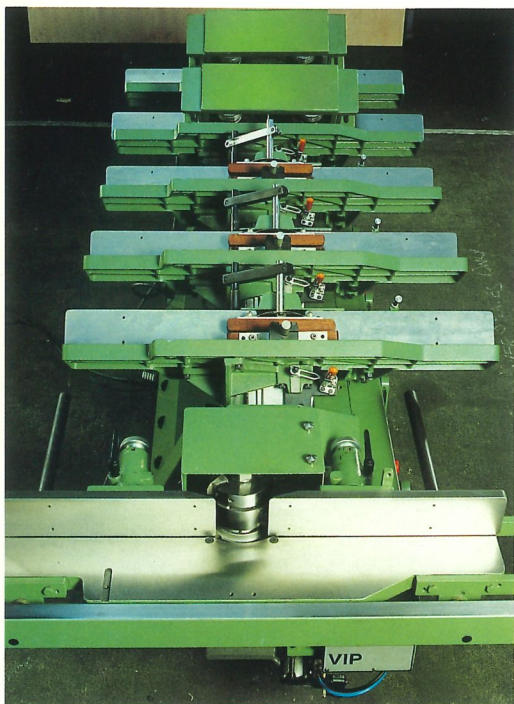
Fig 8

TOOLING AVAILABLE
UPON REQUEST

VIP

MULTI SPINDLE PROFILING MACHINE

**SOLO
SYSTEM**



The 5 angled and one horizontal workstations make feeding easy and allows virtually any stock size to be machined.

SPECIFICATION

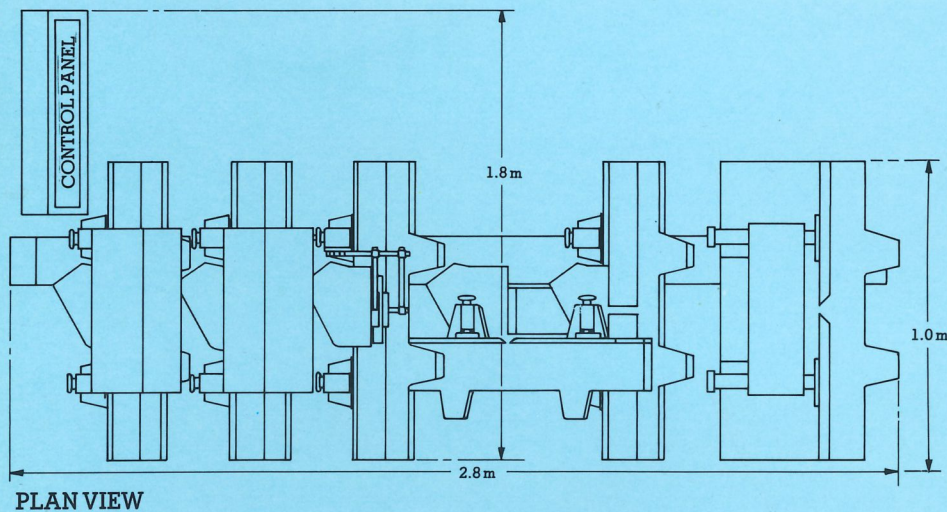
Number of stations (5 set at 45°, 1 set at 90°)	6
Spindles diameter (standard)	30mm
Usable spindle length	100mm (4")
Vertical adjustment of table	40mm
Maximum cutting circle	190mm (7½")
Speed of spindles (infinitely variable between)	1500-6000 rpm
Power of spindle motors	4.5kW (6hp)
Table length	1000mm (40")
Nominal table height	850mm (34")
Extraction Volume Requirement 350 lps at 100mm Water Gauge (740 cfm at 4" Water Gauge)	

BASIC MACHINE INCLUDES

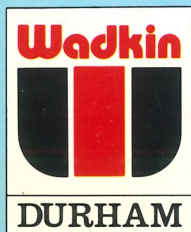
- Auto spindle braking
- Interlocked spindle start/extraction ports
- Centralised extraction outlet
- Swing away tables for ease of operation and tooling access
- Safety shaw guard pressures fitted to each head

Front cover photograph shows safety guards (see fig 4) removed for effect only.

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



SIDE ELEVATION



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