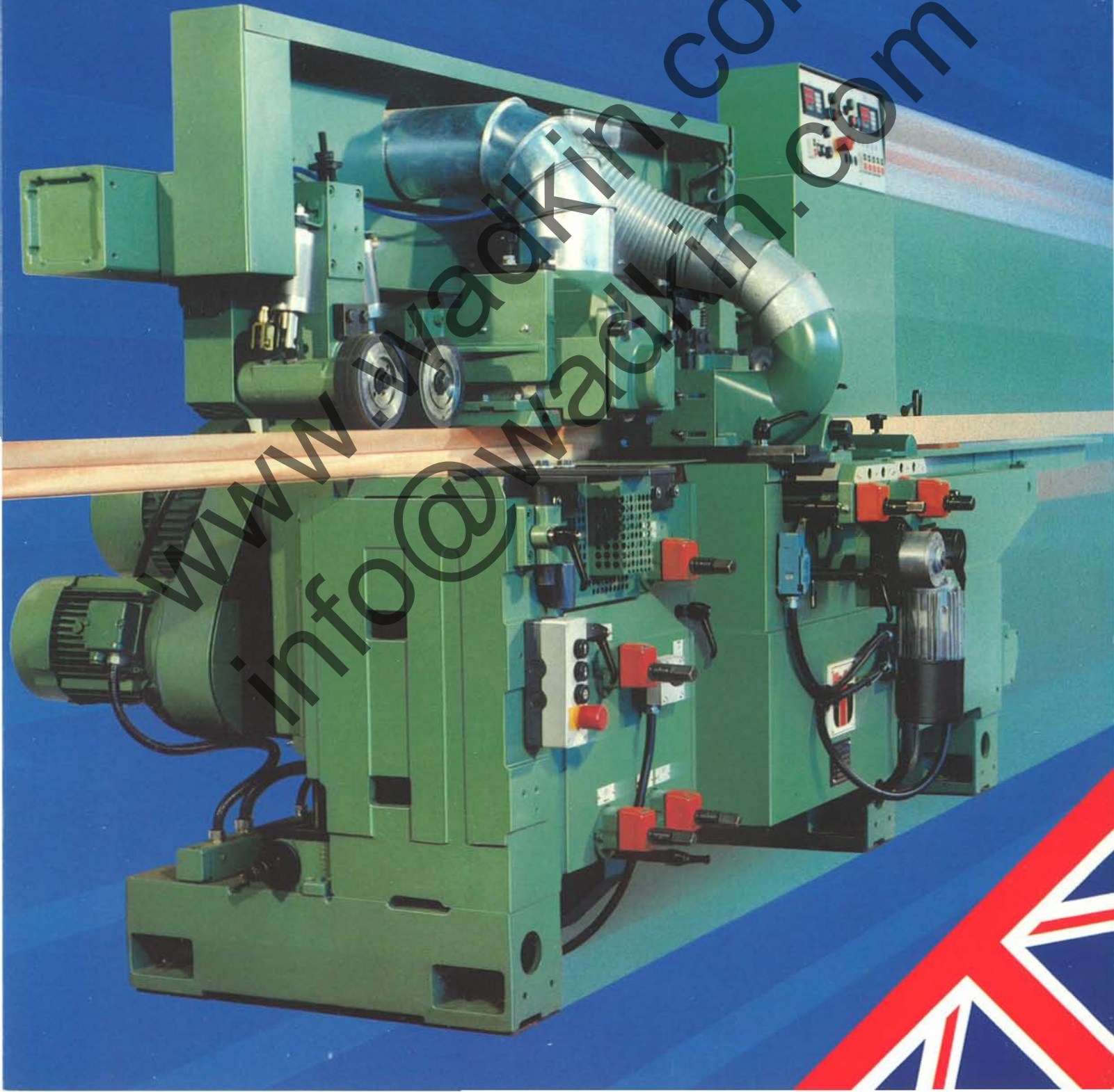




GB SERIES

THROUGHFEED PLANERS AND PLANER MOULDERS

AUTHORISED STOCKISTS
A. L. DALTON LTD
CROSSGATE DRIVE
QUEENS DRIVE IND. ESTATE
NOTTINGHAM NG2 1LW
TELEPHONE: 0602 861445



THE ONE PASS, FOUR SIDED PLANER



The GB Series from Wadkin is a breed of Planing and Moulding machines based on the highly successful GA Series, providing top quality production up to a finished size of 220mm x 120mm with perfect straightening.

Built to last

With cast iron base and a total weight of 3 tonnes the GB range really is built to last. A high specification machine with a 2.2kW (3hp) feed motor, 0.37kW (0.5hp) beam motor with clutch for independent movement, plus individual motors to all cutting heads to provide power where it matters most.

Easy to operate

Even the most inexperienced operator can get the best out of the GB — replacing the output of three or four single operation machines. All controls — including a mechanical digital readout on all main cutterheads, are readily to hand. And with a close fitting electrically interlocked safety hood the GB is safe and quiet to operate.

Worldwide service and support

Manufactured in the UK to the highest standards the GB range is supported by a team of experienced technicians, whose advice and general help are readily available to ensure that your machine goes on working day in — day out.

Value for money

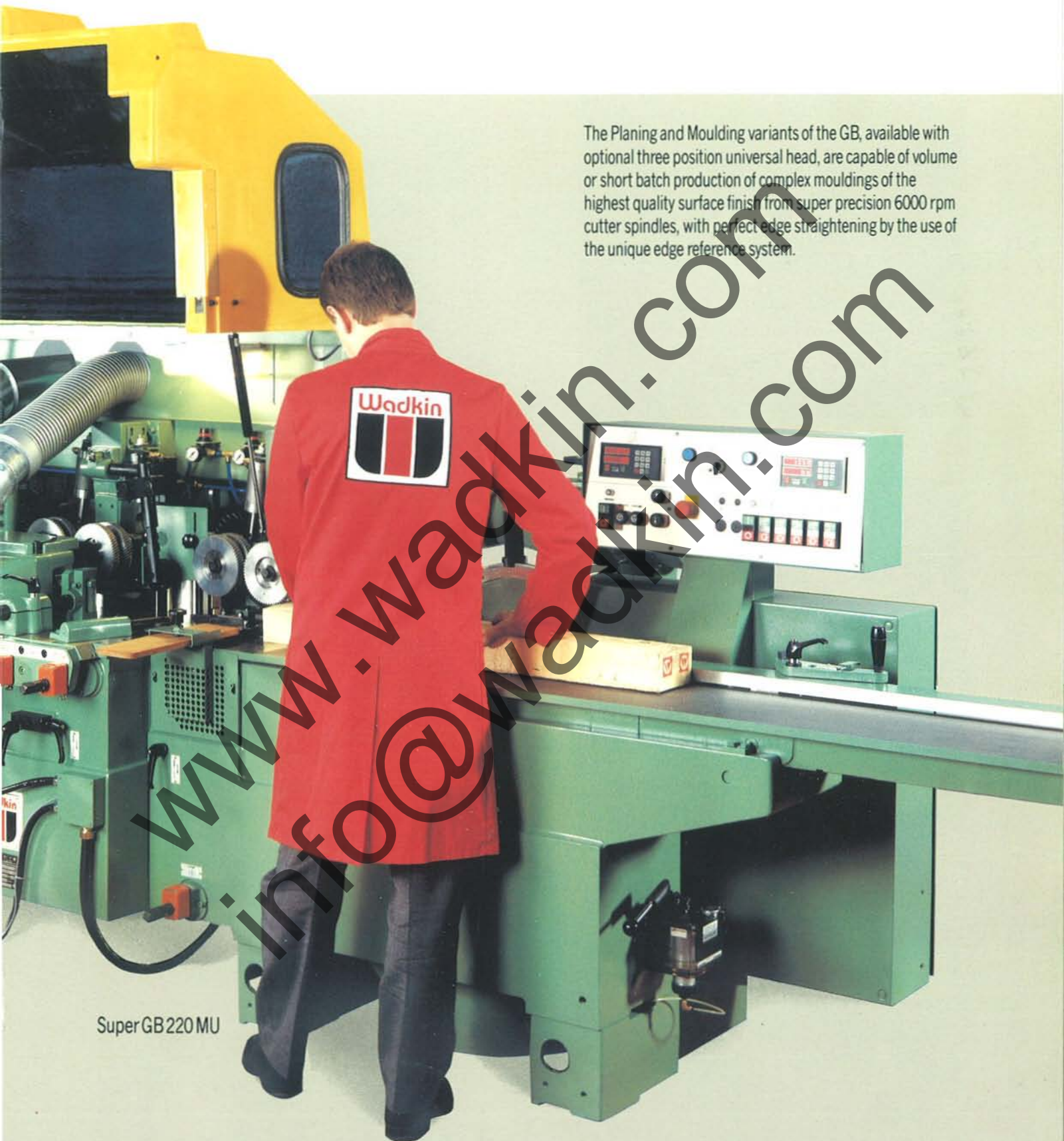
With many "extras" included as standard the GB range offers unequalled value-for-money.



- Individual motors for all cutterheads
- Powerful 2.2kW (3hp) feed motor with inching and reverse feed pushbuttons
- All feed rollers flush mounted and fully interchangeable
- Maximum tool diameter: 180mm to 1st bottom head and universal (where fitted); 195mm to both side heads (up to 150mm below table), top head and 2nd bottom head (where fitted)
- Digital readout on all main cutterhead adjustments
- 3 roller outfeed system for positive throughfeed and full Cardan drive (Super models)
- Set of 4 cutterblocks

MOULDER

The Planing and Moulding variants of the GB, available with optional three position universal head, are capable of volume or short batch production of complex mouldings of the highest quality surface finish from super precision 6000 rpm cutter spindles, with perfect edge straightening by the use of the unique edge reference system.



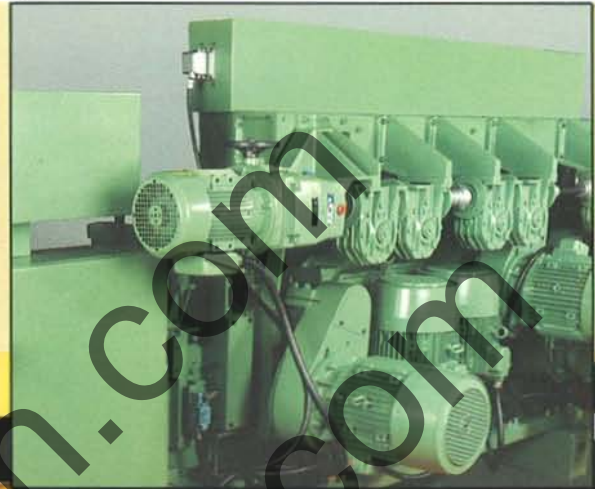
Super GB 220 MU

SUPERIOR BUILT-IN FEATURES

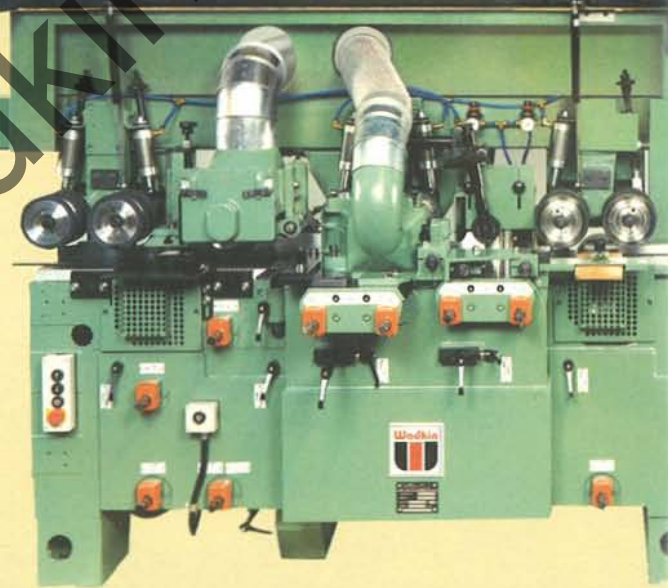
Three roller outfeed system with full width driven bed roller on Super GB 220M.



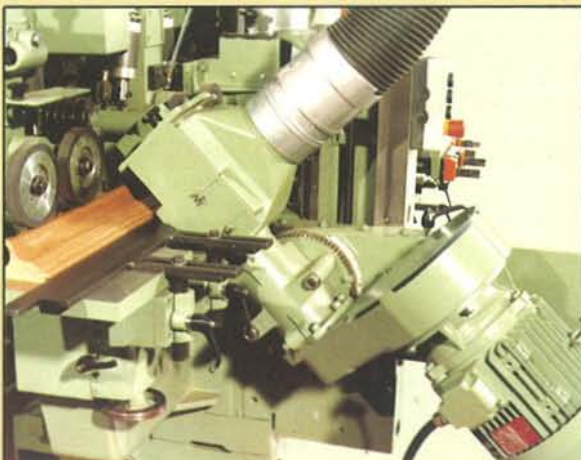
All GB machines have individual motors to each cutter spindle. Full Cardan drive to feed rolls on all Super models. (Guarding removed for clarity).



Edge reference cutterblock and fence give superb straightening capabilities, also shown is the optional driven feed roller before 1st bottom head.



3-Position universal head which is capable of covering 270°.



Digital readout units fitted to horizontal and vertical head movements for quicker and more accurate setting up.

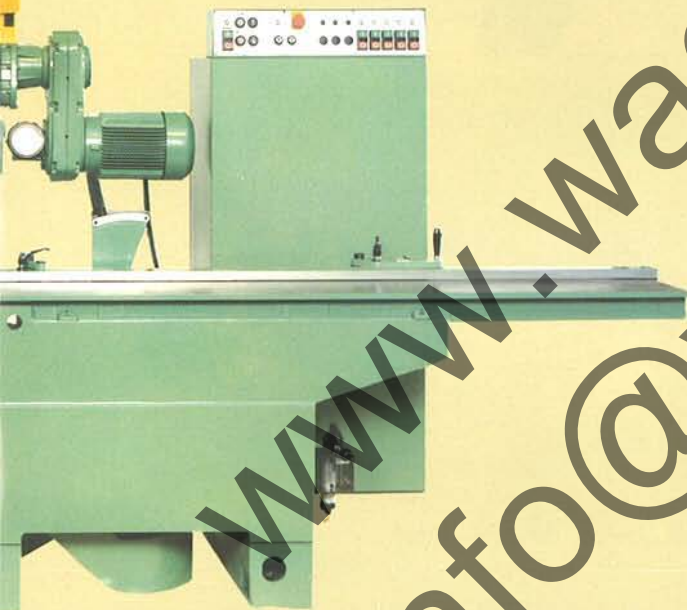
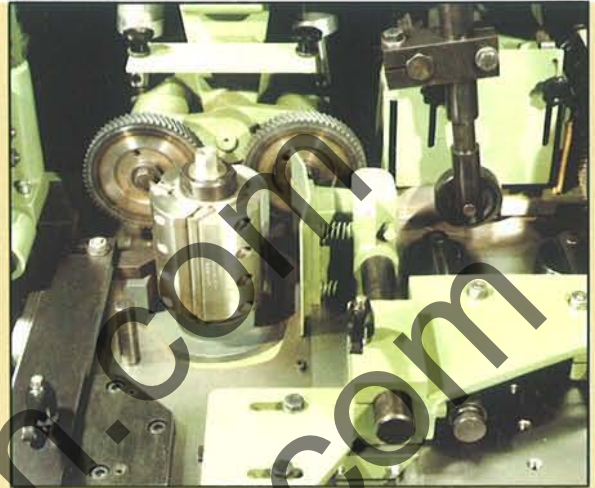


ADDITIONAL FEATURES TO MEET YOUR NEEDS

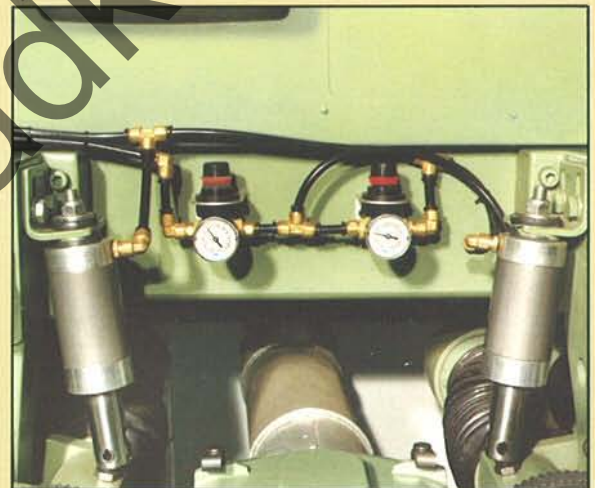
Optional 2nd bottom head, which is close coupled to the top head, gives the GB machine true 4 sided moulding capability (can be retro-fitted).



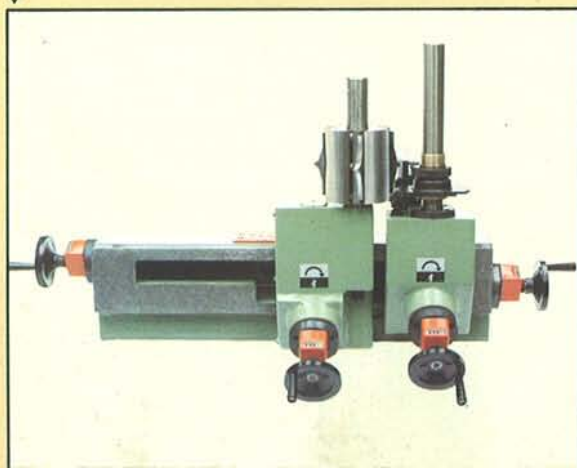
General view of the GB showing the optional side roller pressures and side pad pressure that position with the nearside head, eliminating the need for individual adjustment.



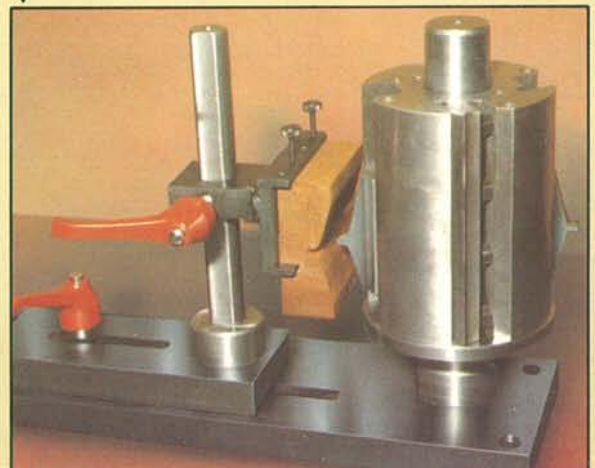
Pneumatic loading to feed rollers provides constant pressure, resulting in continuous positive feeding irrespective of timber thickness variation.



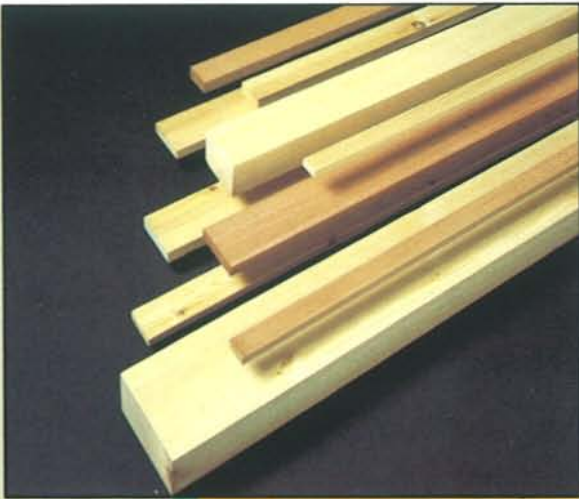
CRS Cutter Reference System. Accurately calibrated mechanical setting system for providing horizontal and vertical head positioning references to enable any type of cutting medium to be accurately positioned on a machine spindle equipped with mechanical digital readouts.



Manual setting stand for setting both straight planing and profile knives.



HIGH QUALITY FOUR SIDED PLANER

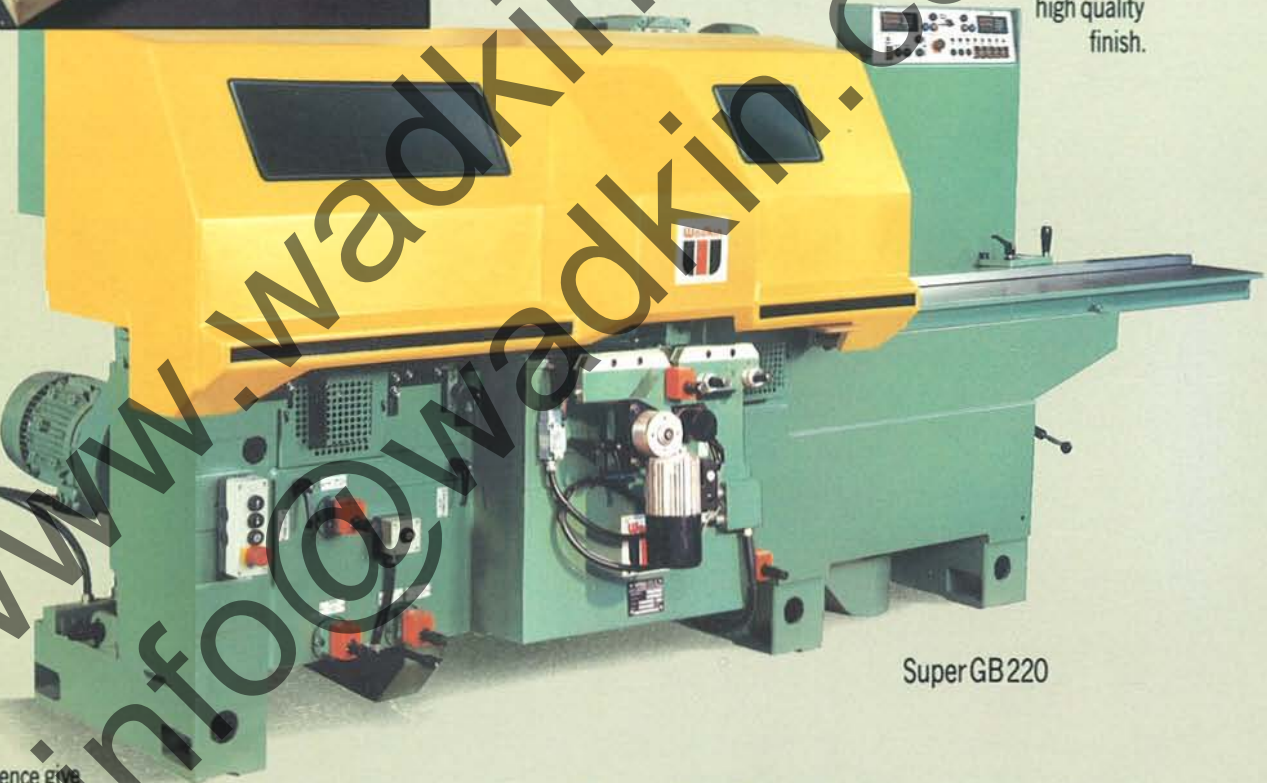


The 4 sided planing machine in the GB series brings timber planing and straightening up to date.

"Face and Edge", width and thickening operations are all carried out in one quick and easy pass through the machine.

Whether it is a long production run, preparing the stock for high output double end tenoners and 'finish' moulding machines, or a single piece of timber for the 'jobbing' carpenter, the GB can be set-up to produce any size of finished material in a few seconds.

Electronic 'Dial-a-size' positioning allows quick changeover from one size of "Planned All Round" to another at the touch of a button, whilst maintaining an accurate high quality finish.

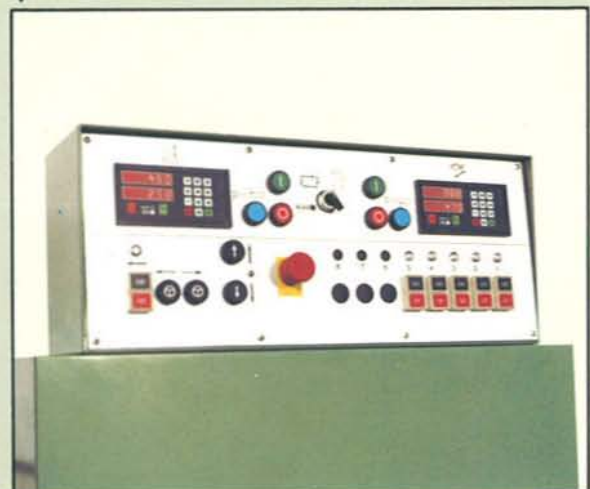


Super GB220

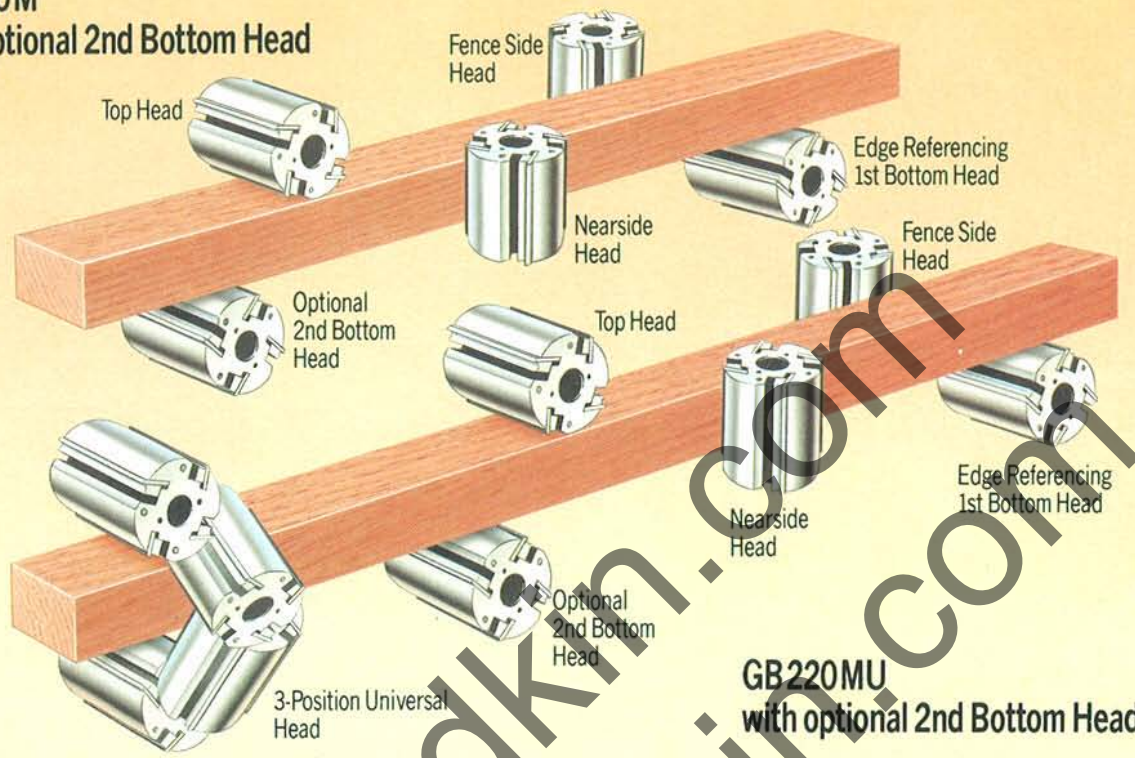
Edge reference cutterblock and fence give superb straightening capabilities, also shown is the optional driven feed roller before 1st bottom head.



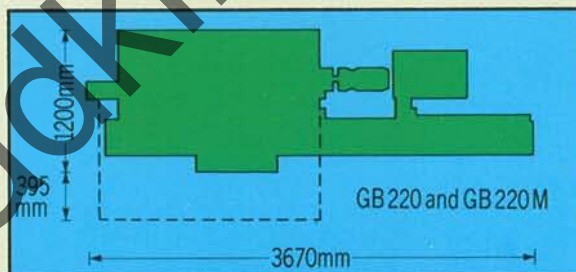
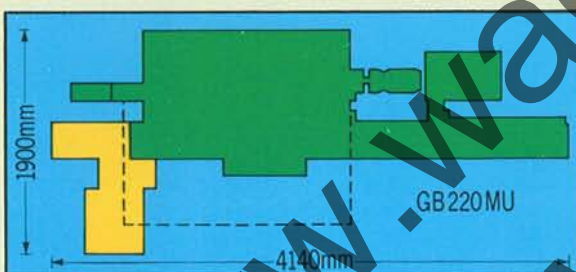
Electronic 'Dial-a-Size' positioning for quick changeover from one size of 'Planned All Round' (PAR) to another.



GB 220M with optional 2nd Bottom Head



GB 220MU with optional 2nd Bottom Head

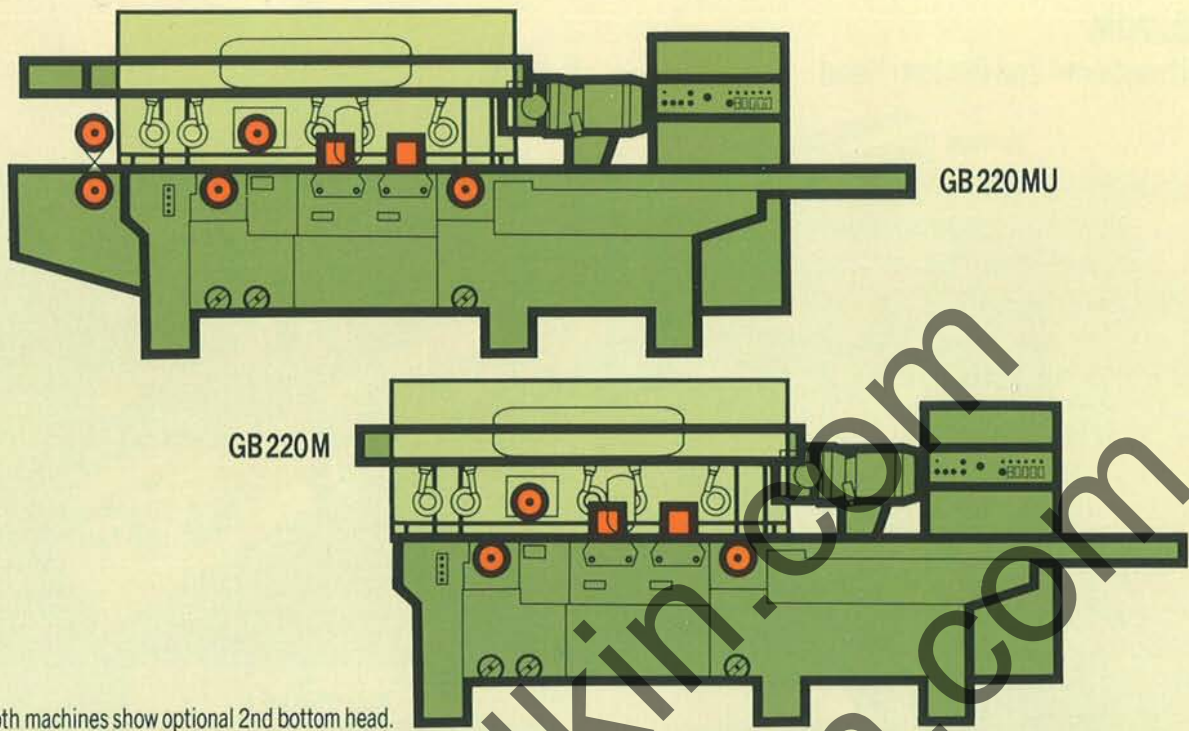


SPECIFICATIONS

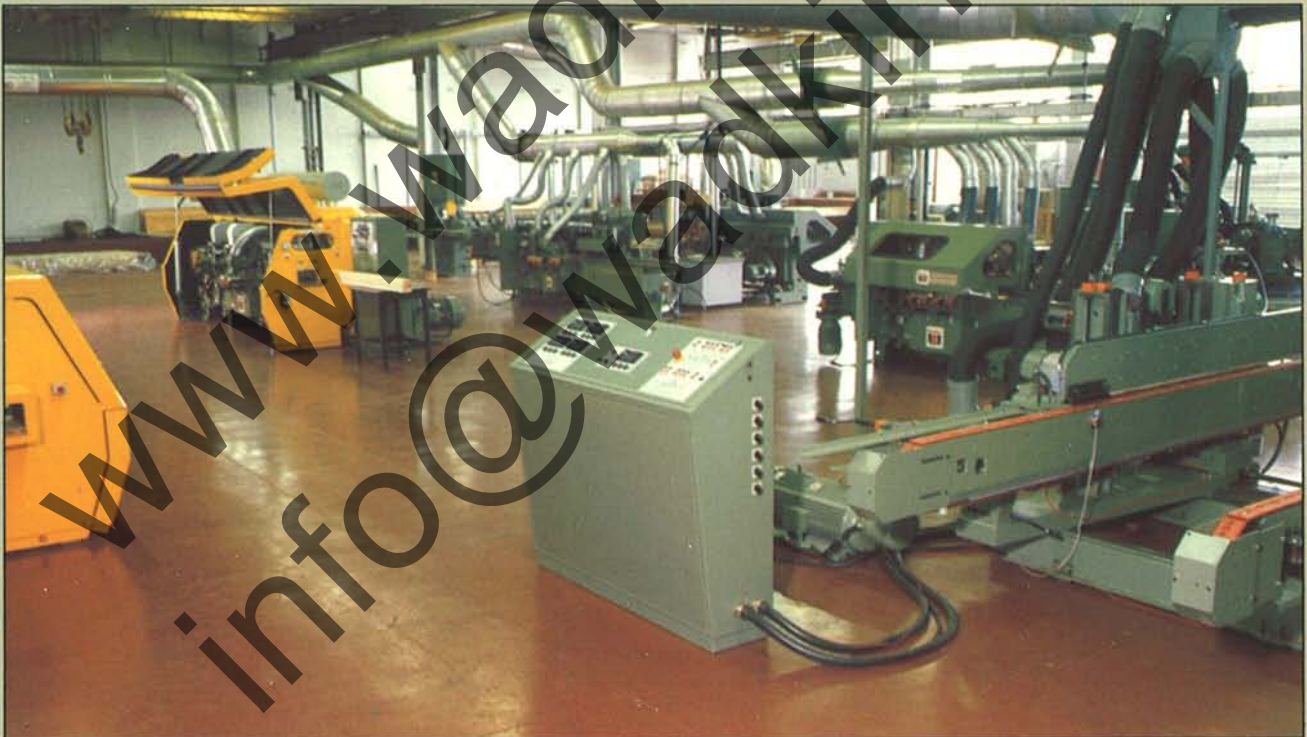
- Maximum size of finished timber 220mmx120mm
- Infinitely variable feed speeds 6–28m/min
- Spindle diameter 40mm plain
- Spindle speed 6000 r.p.m.
- Length of infeed straightening table 2m or 2.5m
- Machine bed height 815mm
- Maximum cut on 1st bottom head 10mm
- Maximum cut on fence side head 10mm
- Digital readouts to all necessary head movements
- Close fitting electrically interlocked safety hood
- Edge reference straightening system
- Full Cardan shaft drive to feed rolls on models Super GB 220, Super GB 220 M, Super GB 220 MU.
- Outfeed driven bed roller on Super GB 220 and Super GB 220 M
- Complete set of 4 cutterblocks included with machine.

MOTOR POWERS	Super GB 220 (Planing Machine)	GB 220M & Super GB 220M (Planing/Moulding Machine)	GB 220MU & Super GB 220MU (Planing/Moulding Machine)
Feed Motor	2.2 kW (3 hp)	2.2 kW (3 hp)	2.2 kW (3 hp)
1st Bottom	5.5 kW (7.5 hp)	5.5 kW (7.5 hp)	5.5 kW (7.5 hp)
Fence Side	4 kW (5.5 hp)	5.5 kW (7.5 hp)	5.5 kW (7.5 hp)
Nearside	5.5 kW (7.5 hp)	5.5 kW (7.5 hp)	5.5 kW (7.5 hp)
Top	5.5 kW (7.5 hp)	7.5 kW (10 hp)	7.5 kW (10 hp)
2nd Bottom (optional)	5.5 kW (7.5 hp)	5.5 kW (7.5 hp)	5.5 kW (7.5 hp)
Universal	—	—	5.5 kW (7.5 hp)

Larger power motors available.



Both machines show optional 2nd bottom head.



Part of the Demonstration Centre at Wadkin p.l.c. Leicester, where it is possible to see the Wadkin range of machines operating, and if necessary, producing to your machining requirements under operating conditions. The Demonstration Centre is staffed by woodworking people, whose advice and general help are readily available to ensure the correct solution to a particular production need.



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