



GD SERIES

THROUGHFEED PLANERS AND PLANER MOULDERS



THE NEW AFFORDABLE, HIGH QUALITY PLANER MOULDERS FROM WADKIN



The Wadkin GD Series represents a range of planers and planer moulders which can be tailored to your exact requirements. The ability to be able to plane, straighten, thickness and mould timber in one pass allows considerable time saving over single operation machines, allowing you to increase productivity and profitability.

The performance of the range is outstanding providing a top quality production up to a finished size of 220mm×120mm.

The GD machines are the most compact in the Wadkin four-sided planer moulder range and are built to the same high standards of precision engineering as the larger more complex models, to offer you a quality machine with quality output.

Highest Quality Construction – For Highest Quality Output

The robust cast iron construction absorbs vibrations and with a total weight in excess of 2 tonnes, the GD machines ensure maximum stability for perfect finishing. Built to last and, together with the Wadkin name, this makes the GD range a sound investment for both production and resale, as you progress to larger higher output machines.

Four models are currently available: the four head GDP planer only, the GD4 and GD5 four and five head planer moulders and the GDU with a 4 position universal head. All models come equipped with a 2 metre infeed table for perfect straightening and, on the planer moulder range, a fifth head can be retrofitted to a four head machine at a later date in your own workshop.

All GD models are fitted with individual motors to all cutting heads, providing the power to achieve a perfect finish.

Ease of Operation

All adjustments controls are situated at the front of the machines for easy operation, electric rise and fall to beam, clutch for simultaneous top head adjustment on moulders, allows rapid setting. A safety cover with electrical interlock is included. (Internal light optional).



Technical Advice

Designed and manufactured in the U.K., by the leading manufacturer of woodworking machinery, all Wadkin machines are backed by a team of experienced technicians. Their help and advice is readily available on a worldwide basis to help you to select the most suitable machine for your needs and to ensure continuous production.

Standard Features Include:

- Individual motors for all cutterheads for optimum power transmission
- Full Cardan drive to feedrolls for smooth maintenance free drive
- Fifth head can be retrofitted cost effectively
- Highest quality four position universal head
- Full profiling facility on moulding machines
- Edge Referencing System for perfect edge straightening
- Electric rise and fall to beam, clutch on moulding machines for simultaneous top head adjustment for rapid setting
- Feed rollers before 1st bottom head with independent rise and fall on moulding machines for easy feeding of short pieces or strip mouldings
- Mechanical digital readouts to head movements for speedy precise setting
- Minimal floor space required
- Individual independent rise and fall to outfeed rollers.



Y FOUR SIDED



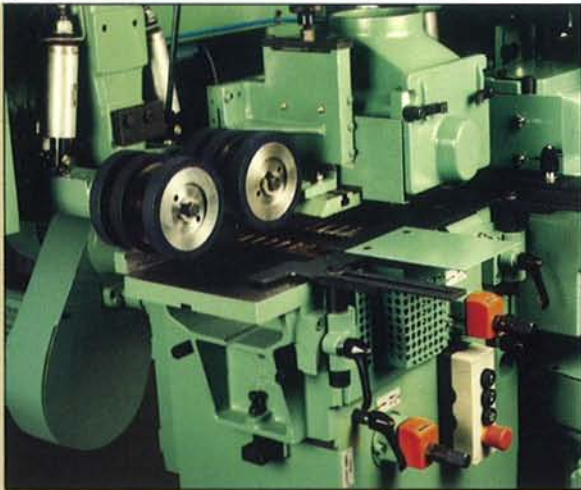
△
GD5 from outfeed end with cover open showing
4 position Universal Head.



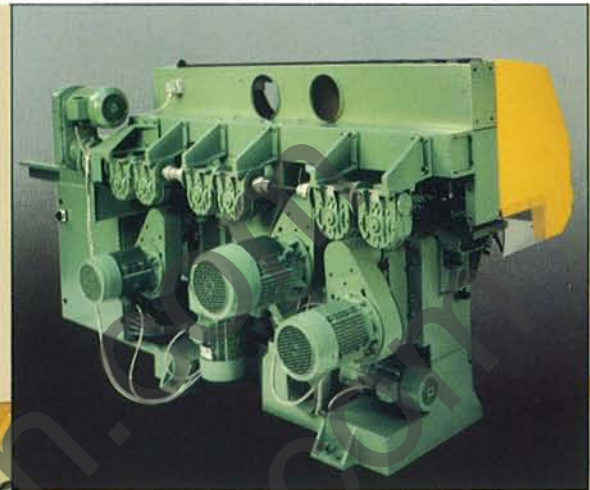
GD5 with 2 metre straightening table.

SUPERIOR BUILT-IN AND OPTIONAL FEATURES

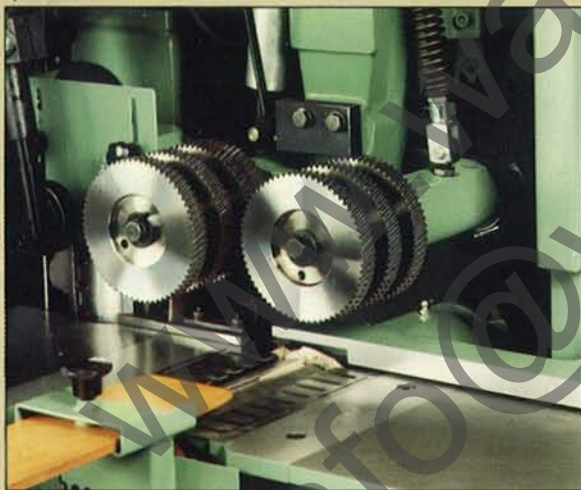
GD5 showing hardened acoustically profiled plates to bottom heads for noise reduction. Outfeed table is fully adjustable. Top and second bottom heads are close coupled.



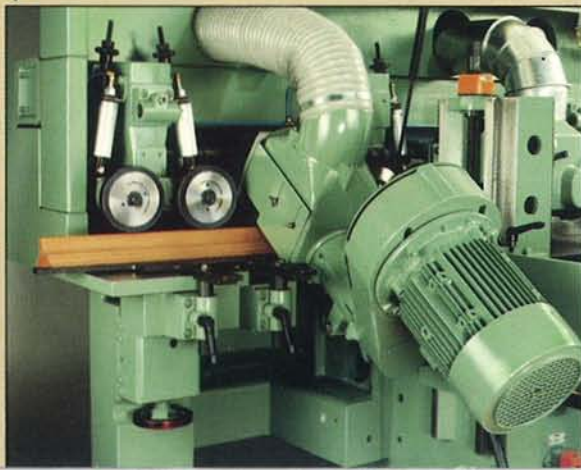
All models are fitted with Cardan drive as standard for smooth maintenance free drive.



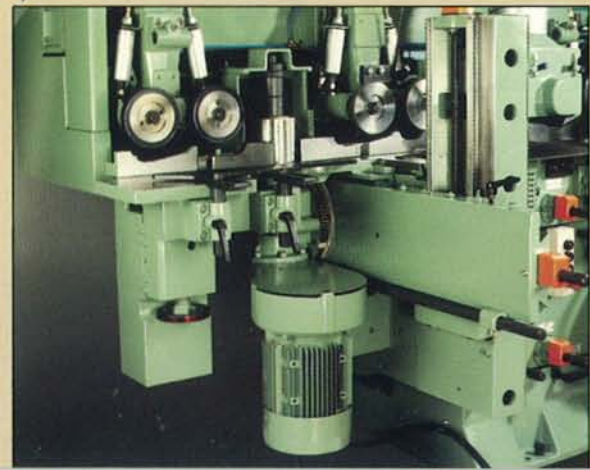
Edge reference cutterblock and fence give superb straightening capabilities.



High quality 4 position Universal Head showing nearside position for complex moulding.

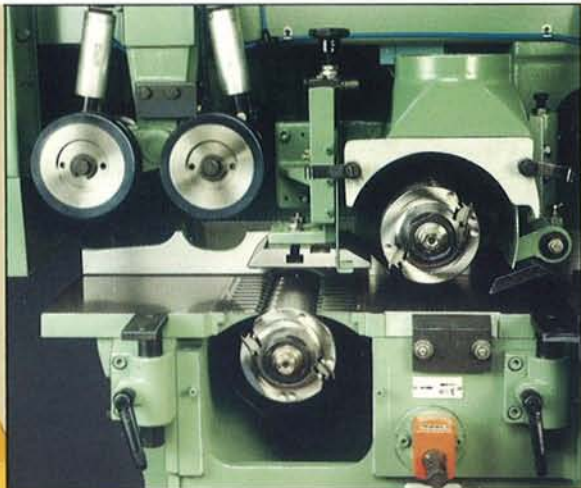


4 position Universal Head in fence side position for complex moulding.

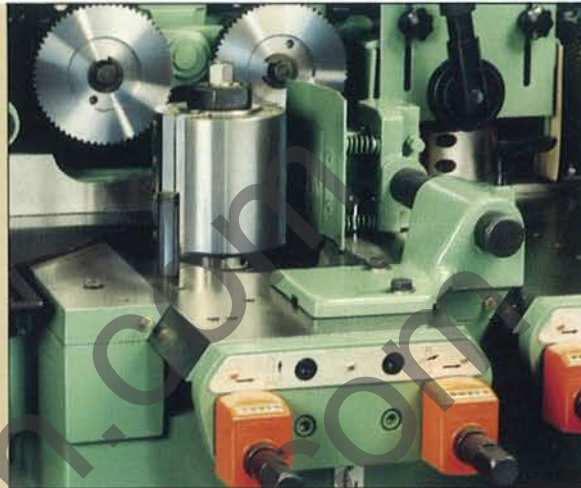


FEATURES

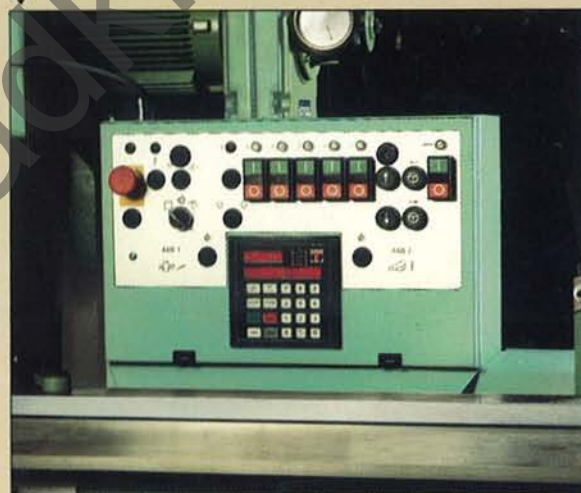
Optional 2nd bottom head, which is close coupled to the top head, gives the GD machine true 4 sided moulding capability (can be retro-fitted).



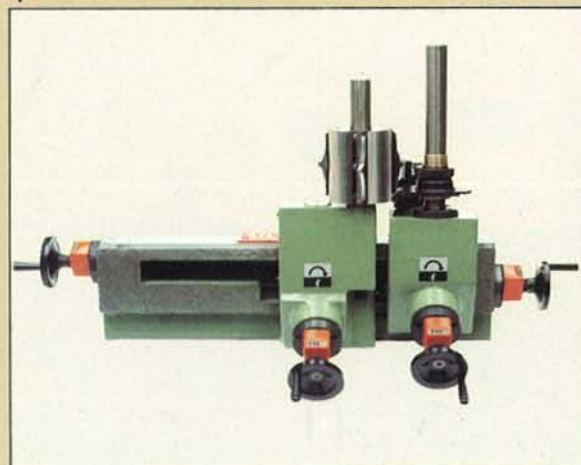
Digital readouts fitted to horizontal and vertical movements for quicker and more accurate setting up.



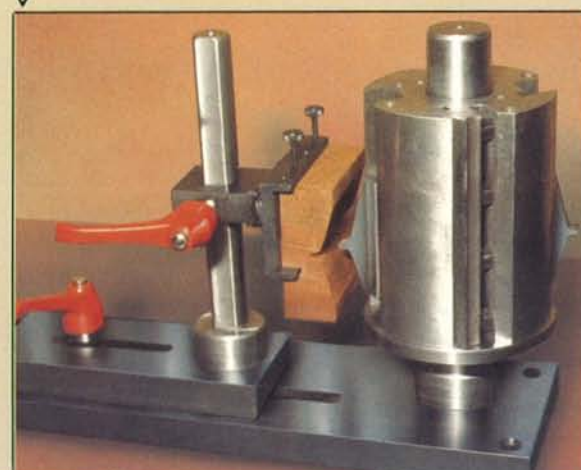
Electronic head positioning by micro-processor with built in 99 position memory controlling nearside head and top head for quick change over.



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

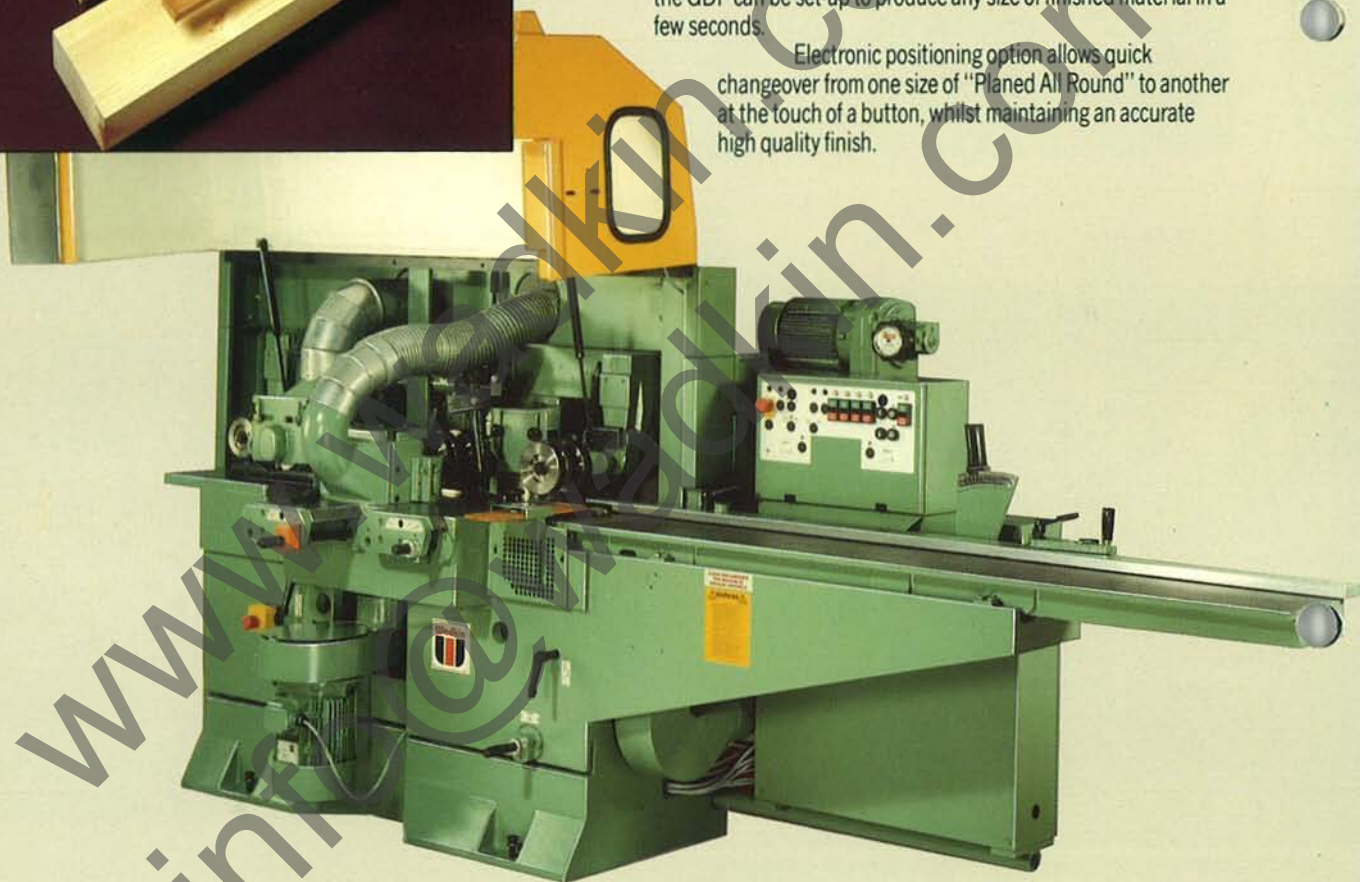


The 4-sided planing machine in the GD Series, known as the GDP, four head machine brings timber planing and straightening up to date.

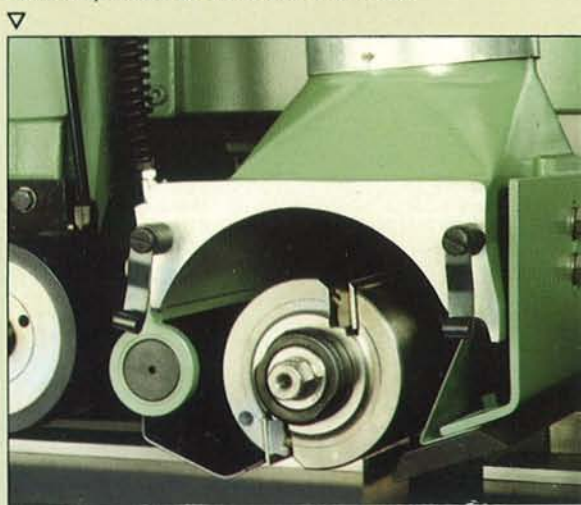
"Face and Edge", width and thickening operations are all carried out in one quick and easy pass through the machine, saving time and space over conventional machines.

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 GDP can be set-up to produce any size of finished material in a few seconds.

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

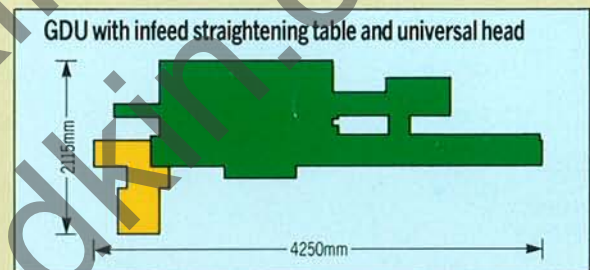
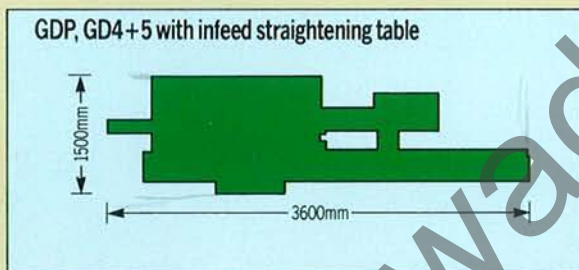
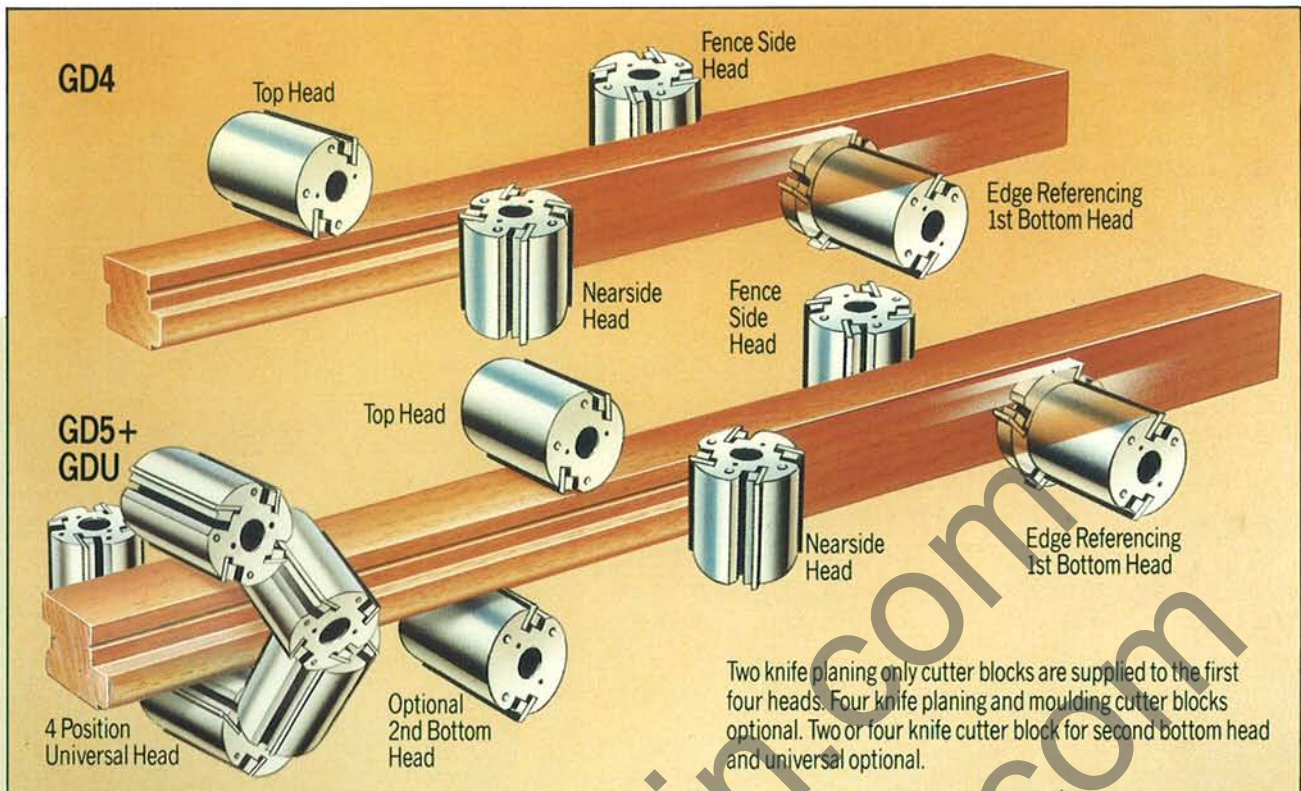


Radial Chipbreaker for better control of timber.



Compact size GDP with hood closed.

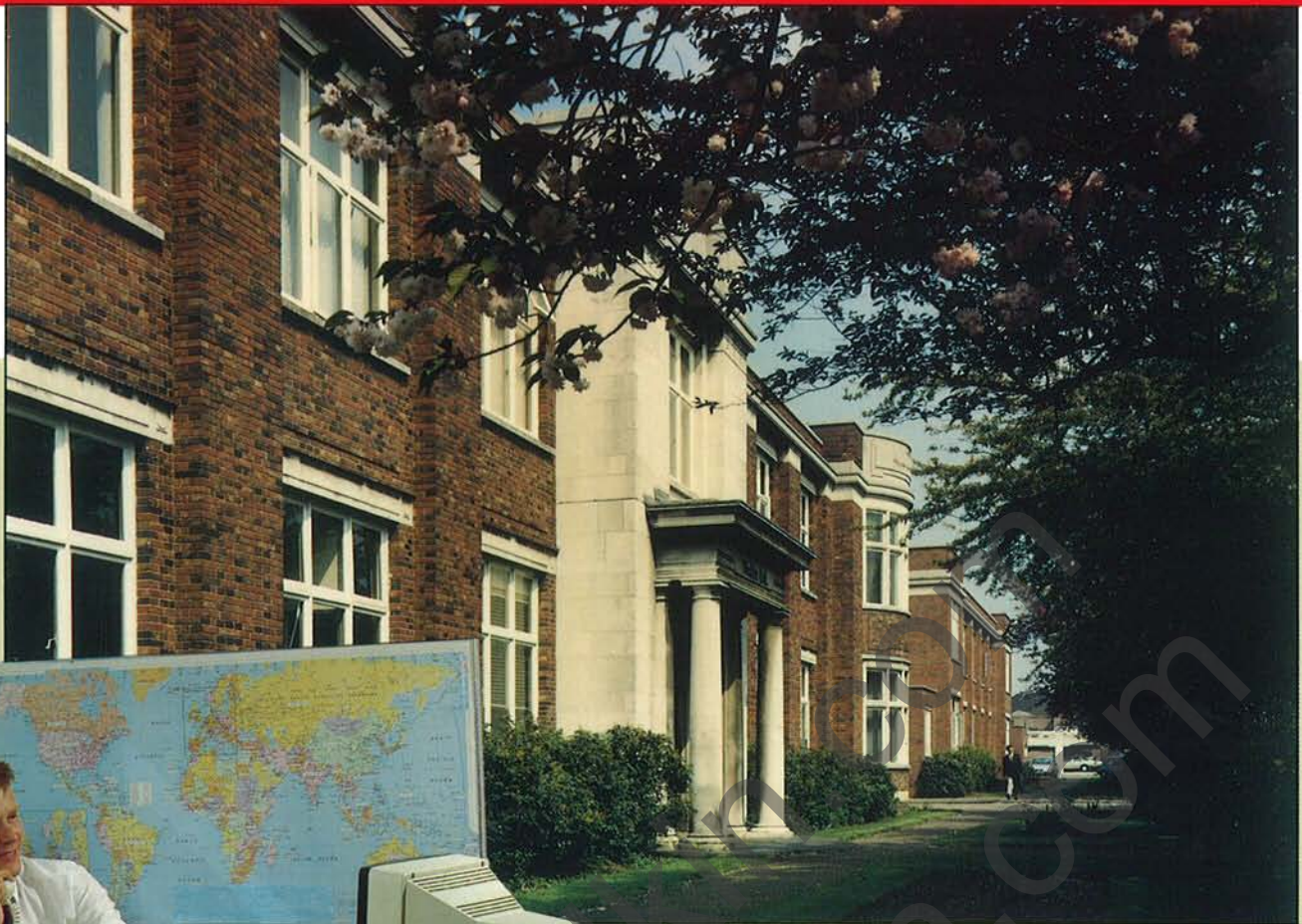




SPECIFICATIONS

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|---|---|---------------|-----------------|---------------|----------------|---------------|----------|--------------|--------------------|---------------|-----------|---------------|-------------------------------|------------------------|---------------------------------------|-------|--|--------------|---------------|-----------------|-------------|----------------|---------------|----------|---------------|--------------|-------|
| <p>GD SERIES</p> <ul style="list-style-type: none"> ● Maximum size of timber admitted 230mmx130mm ● Maximum size of finished timber 220mmx120mm ● Infinitely variable feed speeds 6/22m/min ● Spindle diameter 40mm ● Spindle speed 6000 r.p.m. ● Length of infeed straightening table 2m ● Machine bed height 825mm ● Maximum cut on bottom head 10mm ● Maximum cut on fence side head 10mm ● Feed motor power 2kW (3hp) | <p>OPTIONAL FEATURES</p> <p>Electronic dial-a-size Pneumatic loading to feed rollers in lieu of spring Manual bed lubrication Star delta starting to any head Second bottom head can be added at a later date to GD4 Light inside front cover 11kW (15hp) motor with star delta to top head (except GDP) Radial chipbreaker to Top head</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>MOTOR POWERS</p> <table style="width: 100%; border: none;"> <tr><td>First bottom</td><td>5.5kW (7.5hp)</td></tr> <tr><td>Fence side head</td><td>5.5kW (7.5hp)</td></tr> <tr><td>Near side head</td><td>5.5kW (7.5hp)</td></tr> <tr><td>Top head</td><td>7.5kW (10hp)</td></tr> <tr><td>Second bottom head</td><td>5.5kW (7.5hp)</td></tr> <tr><td>Universal</td><td>5.5kW (7.5hp)</td></tr> </table> <p>CUTTING CIRCLES</p> <table style="width: 100%; border: none;"> <tr><td>All heads except first bottom</td><td>min 100mm max 195mm</td></tr> <tr><td>Basic planing moulding cutting circle</td><td>125mm</td></tr> </table> | First bottom | 5.5kW (7.5hp) | Fence side head | 5.5kW (7.5hp) | Near side head | 5.5kW (7.5hp) | Top head | 7.5kW (10hp) | Second bottom head | 5.5kW (7.5hp) | Universal | 5.5kW (7.5hp) | All heads except first bottom | min 100mm max 195mm | Basic planing moulding cutting circle | 125mm | <p>PLANER ONLY MOTOR POWERS</p> <table style="width: 100%; border: none;"> <tr><td>First bottom</td><td>5.5kW (7.5hp)</td></tr> <tr><td>Fence side head</td><td>4kW (5.5hp)</td></tr> <tr><td>Near side head</td><td>5.5kW (7.5hp)</td></tr> <tr><td>Top head</td><td>5.5kW (7.5hp)</td></tr> </table> <p>CUTTING CIRCLES</p> <table style="width: 100%; border: none;"> <tr><td>Planing only</td><td>125mm</td></tr> </table> | First bottom | 5.5kW (7.5hp) | Fence side head | 4kW (5.5hp) | Near side head | 5.5kW (7.5hp) | Top head | 5.5kW (7.5hp) | Planing only | 125mm |
| First bottom | 5.5kW (7.5hp) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fence side head | 5.5kW (7.5hp) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Near side head | 5.5kW (7.5hp) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top head | 7.5kW (10hp) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Second bottom head | 5.5kW (7.5hp) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Universal | 5.5kW (7.5hp) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All heads except first bottom | min 100mm max 195mm | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basic planing moulding cutting circle | 125mm | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Fence side head | 4kW (5.5hp) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Near side head | 5.5kW (7.5hp) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top head | 5.5kW (7.5hp) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Planing only | 125mm | | | | | | | | | | | | | | | | | | | | | | | | | | |

As our policy is to constantly improve design, the details given in the leaflet are not to be regarded as binding. Certain illustrations show guarding removed for clarity.



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