



GA Optional Features

... for enhanced production



GA Optional Features

WIDE RANGE OF MODELS . . . WIDER STILL WITH ADDED OPTIONS

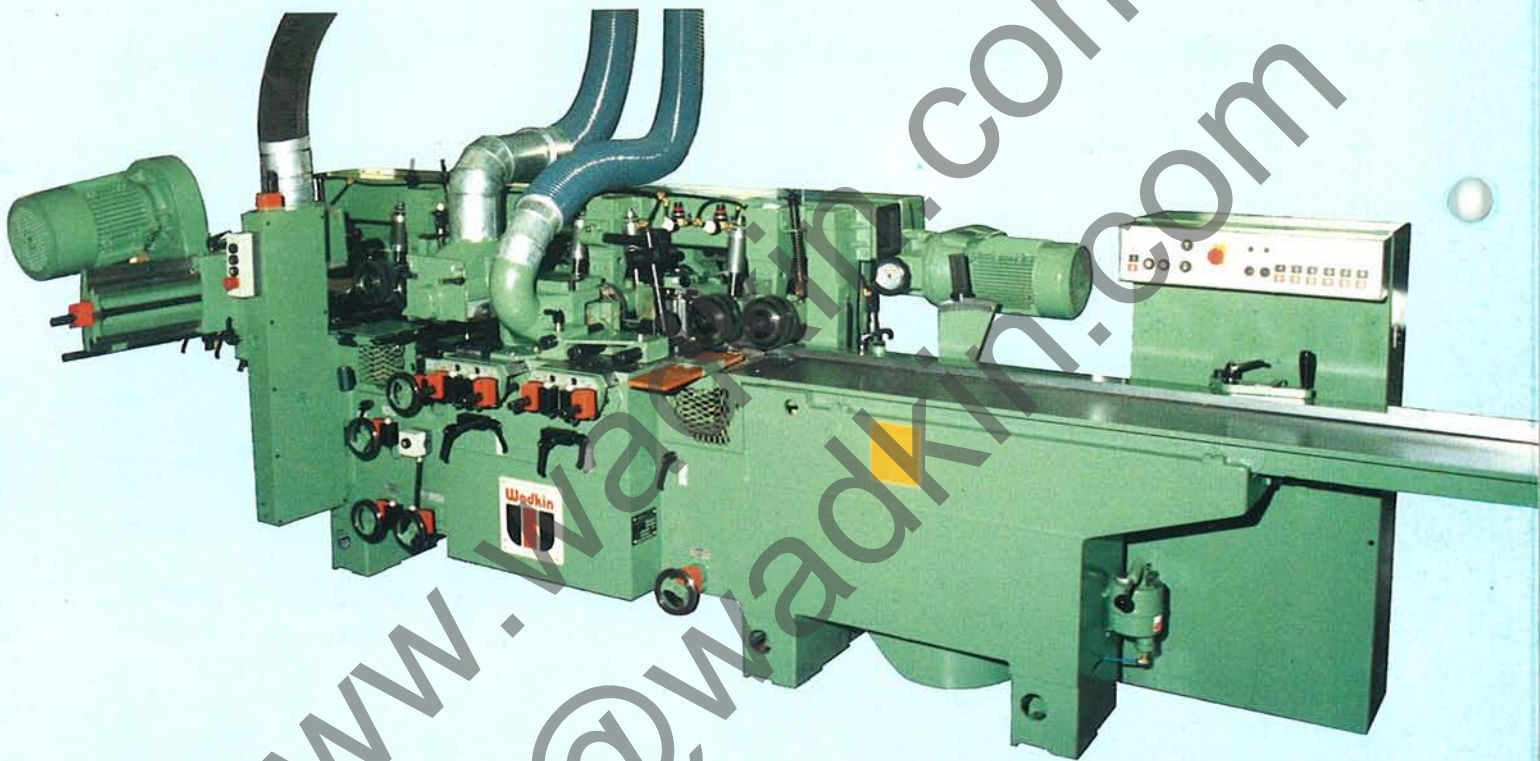
The GA Series of throughfeed planer moulders extends from 12 standard machines to well over 70 variants offering a very wide choice for every wood processing application.

The GA is the best designed, and most substantially built machine of its type available anywhere in the world. With a capability rating far above its cost rating, making it a first class investment. A capability that can be extended to meet specialised production needs by optional features.

The range of options is very large and has been chosen in the light of users' recommendations and years of experience by Wadkin experts in world markets.

***The choice is yours –
added value – the outcome of your choice
and our advice.***





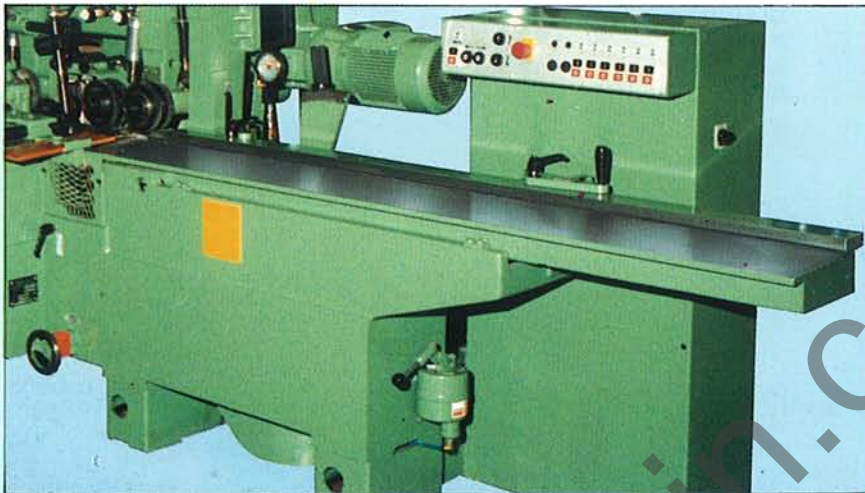
MODEL 6U

Standard 6-head mid-range machine.

Note: Part numbers are quoted against each feature to assist positive identification, alternatives being shown in succession and differences as GA170 or GA220 machines.

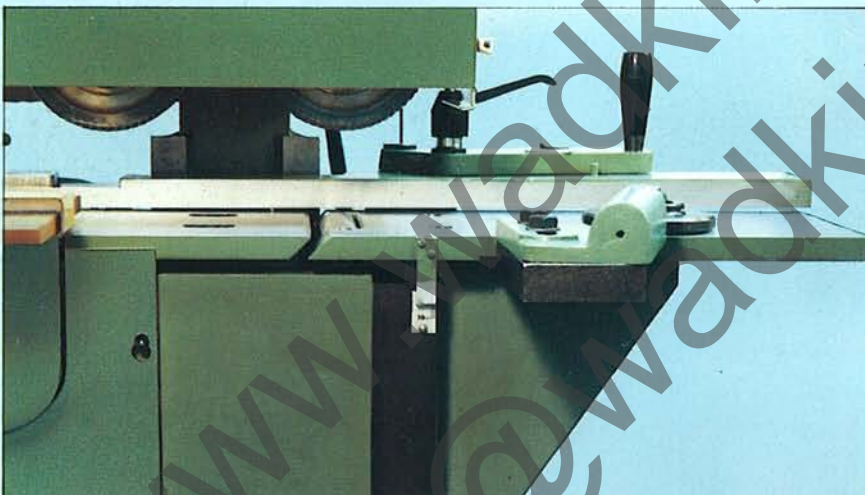
GA Optional Features

INFEED



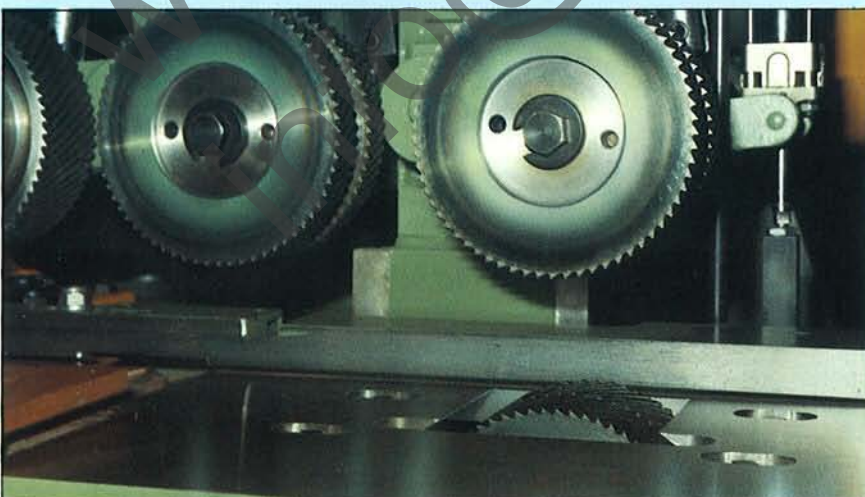
Infeed Straightening Table (B22P or B29F)

A 2.5m long infeed straightening table for longer lengths. Fence and rise and fall table easily adjusted.



Short Infeed Table (Non-Straightening) (B22T or B29J)

Short infeed table for long length mouldings without straightening. Includes roller side pressure and idling bed roller for better control. Fence and rise and fall table easily adjusted.



Pneumatically-linked Infeed Driven Bedroller (B24N)

Infeed system giving positive feeding of wet or resinous material. Particularly useful when long length mouldings are being produced or when straightening stable sections because the rollers follow 'bow' in the material.



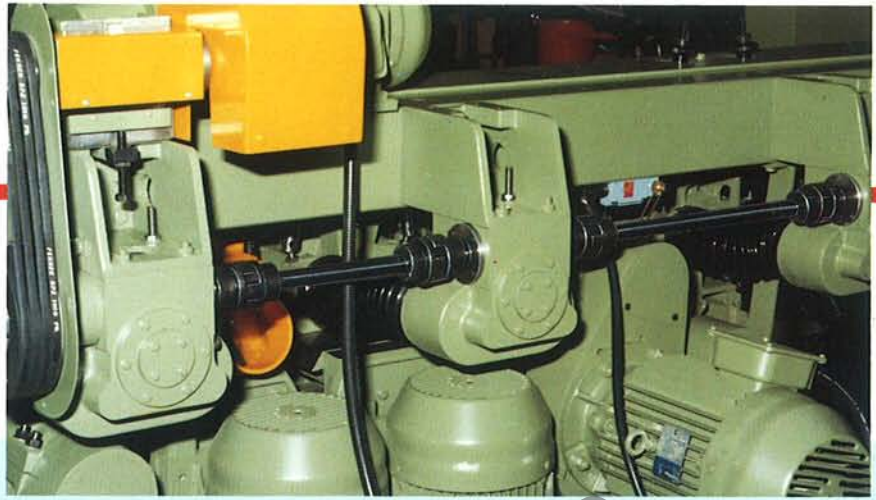
Hopper Feed (uniform lengths) (B87C)

Table mounted hopper with dog feed for auto feeding pieces of uniform length, min-max 450-1320mm long, 35-180mm wide, 10-120mm thick.

Hopper Feed (random lengths) (B24P, B54E)

Top loading hopper with fully variable hydraulic drive for auto feeding random length pieces.

FEED



Shaft Drive to Feedrollers [B22A, B, G, H, J]

Full Cardan shaft drive to feedrollers for reliable feed under continuous or heavy duty operation. Needs considerably reduced maintenance over chain drive.

■ Increased Feed Speeds [B29V]

Fully variable 6-36m/min.

■ Ammeters to Motors [B22L]

Safety check on individual motor loads. Particularly necessary when slitting saws are used.

■ Hour Recorder [B23A]

Records total machine running time.



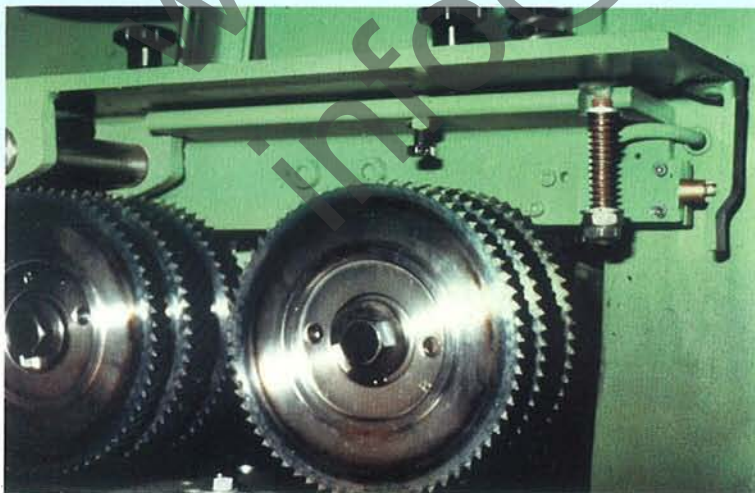
Reverse Feed [B22M]

Reverse feed pushbutton switch assists setting up by operator.



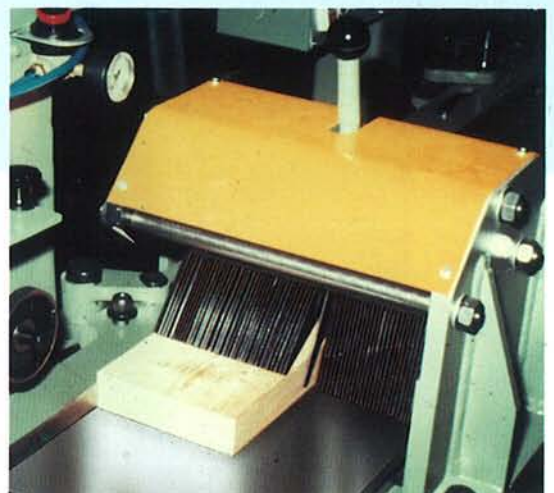
Pneumatically loaded Feedrollers [B21V, W, X]

For continuous positive feeding under both straightening and non-straightening operation. Applies constant feedroller pressure at all times, automatically compensating for variations in timber thickness.



Pivoting Feedroller Cover [B29N]

Pivoting feedroller cover with safety limit switch fitted to 1st bottom head for extra safety – automatically stops feedrollers in event of oversize stock.

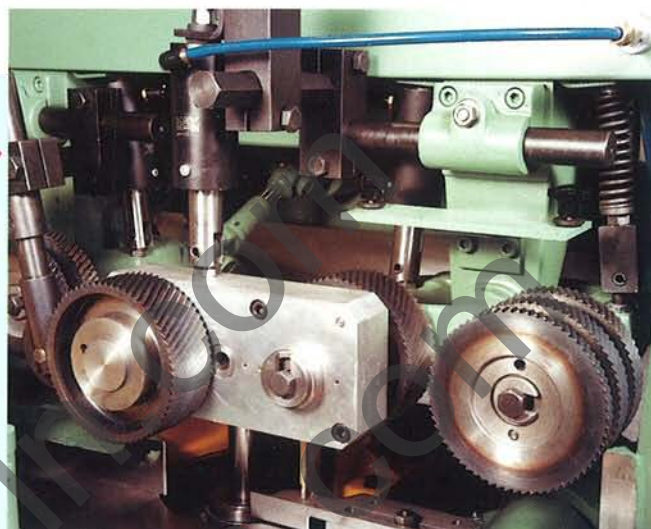


Anti-kickback Fingers [B23B or B29P]

Special anti-kickback device for added safety when using slitting saw.

GA Optional Features

BED



Driven Intermediate Feedroller (B23D)

Pneumatically loaded intermediate feedroller (narrow or wide operation) for more effective feeding of short length timber.



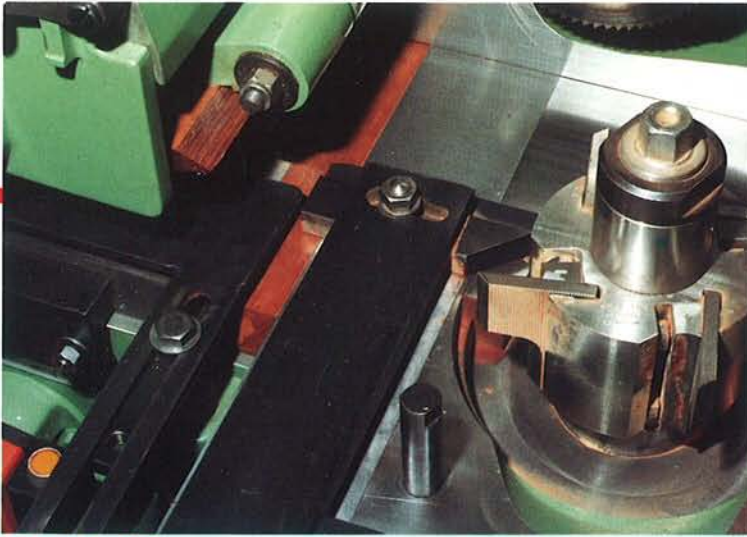
Idle Bedrollers (B22W, B24M or B29L, B29M)

Idling bedrollers (single or pairs) assist to reduce friction over machine bed between sideheads.



Side Pressure Rollers (B23J, B23H)

To provide extra side pressure and control before 1st bottom head and opposite fence side heads. Very beneficial when machining small or short sections.



Side Pad Pressure (B29S)

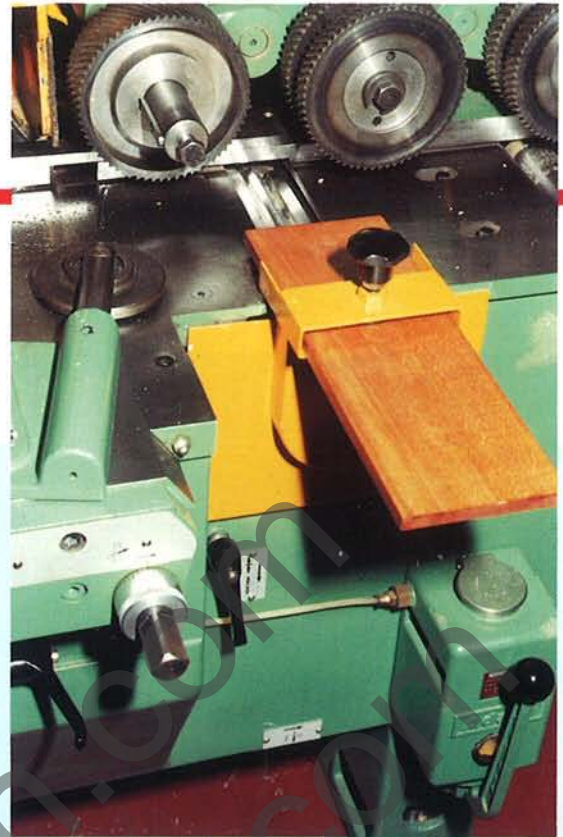
Pressure pad adjusting automatically with nearside head to provide side pressure after the head when electronic positioning is fitted.

Bed Lubrication (B22V, B30R or B29K, B30R)

Oil lubrication to bed by means of manual or automatic pump to reduce friction to stock and also to reduce build up of resin on bed plates.

Air Bed (B24Y, B31Y or B24W, B31Z)

Air lubrication over full width of bed for feeding wider sections. Eliminates oil staining of timber. Especially beneficial to furniture manufacture.

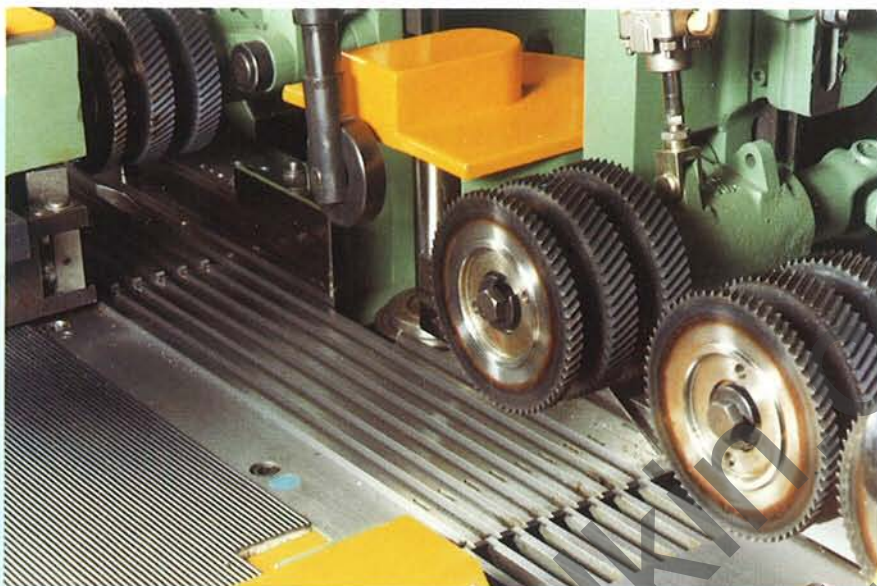


Side Pressure Rollers (B54D)

Side roller pressures automatically positioning with nearside head to provide side pressure opposite fence side head when electronic positioning is fitted.

GA Optional Features

BED



Grooved Bed (B22G or B29G)

Grooved bedplate for positive control of short and twisted components with out-of-square ends. Features also horizontal adjustment to 1st bottom head.



Filling-in Pieces (B22Y)

Bed inserts fitted adjacent to side heads to give extra support for accurate machining of small components.



Special Bedplates (B31J or B31V)

Special bedplates arranged to accept wooden insert for use when 2nd bottom head is fitted with splitting saw.

■ **Chrome Inserts** (B23E or B29R)

Long life chrome bed inserts to provide less wear when working hard and abrasive timbers.

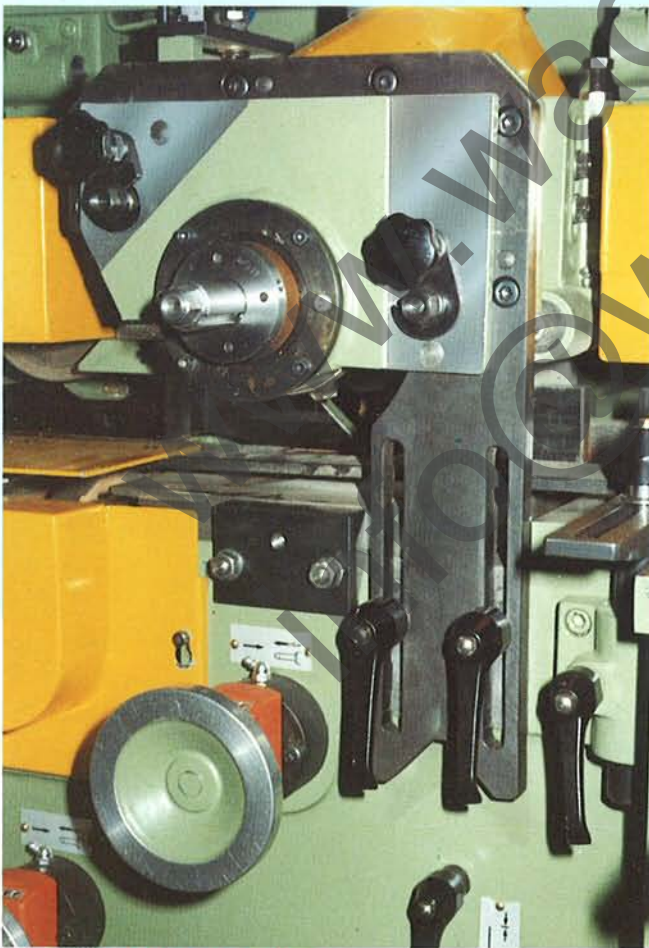
■ **Permalin Insert** (B31R or B31S)

Special non-metallic insert used under top head when it is fitted with a splitting saw.

HEADS

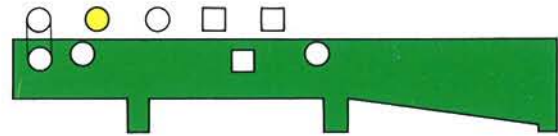
Additional Heads

The capability of any standard models can be extended still further by the use of additional heads, which under certain circumstances can be retro-fitted. Ultimately the top machine in the GA range can have 10 heads for the most comprehensive production of complex mouldings.

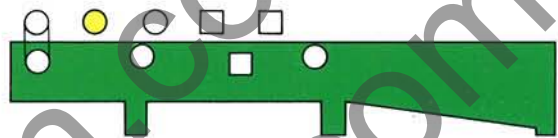


Outboard Bearing (B24T)

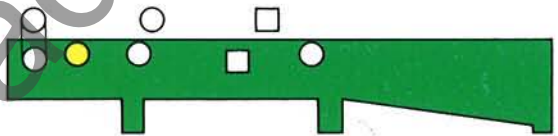
Fitted to top head spindles to provide extra support for heavy stock removal.



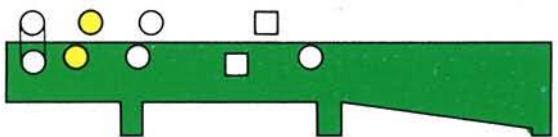
Extra top head between 1st top and 2nd bottom head. (B21N or B23F)
[top-top-bottom].



Extra top head after 2nd bottom head. (B24P or B23L)
[top-bottom-top].



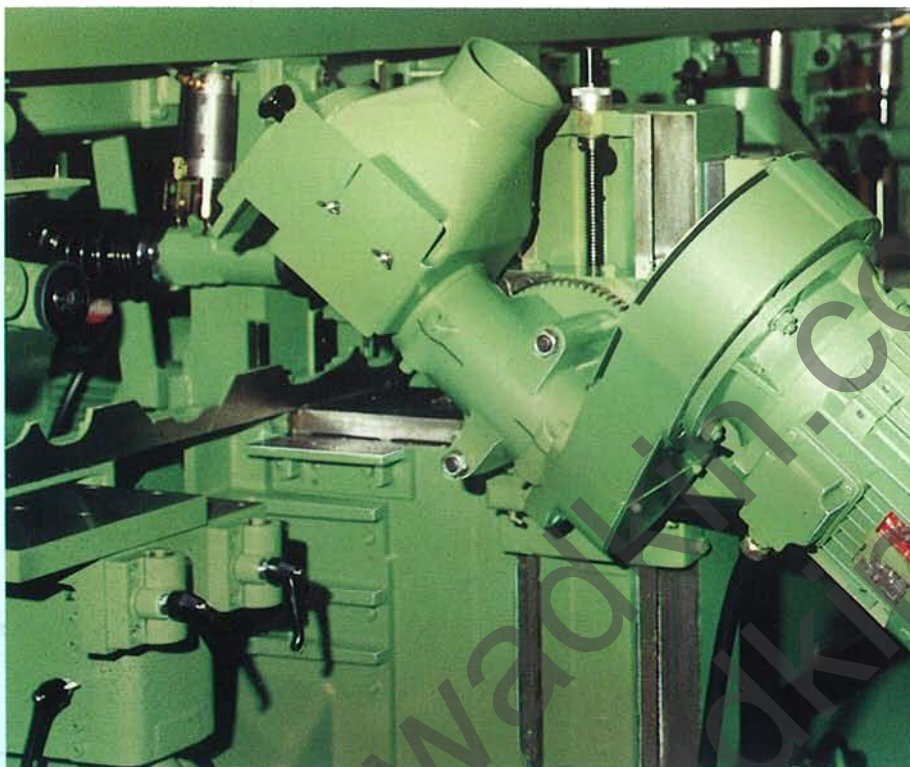
Extra bottom head after 2nd bottom head. (B21Q or B23N)
[top-bottom-bottom].



Extra top and bottom heads after 1st top and 2nd bottom heads. (B21R or B23P)
[top-bottom-top-bottom].

GA Optional Features

HEADS



UNIVERSAL HEADS

■ 3-position Universal (B21T or B28N)

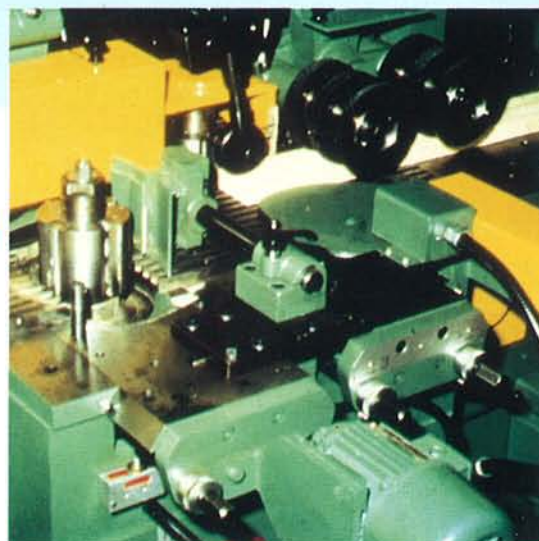
Universal head covering 270°. Provides intermediate settings for top, nearside and bottom head operations.

■ 4-position Universal (B24Q or B24X)

Extra capability provided by 4-position universal covering 360°. Provides intermediate settings for top, nearside, fence side, and bottom head operations.

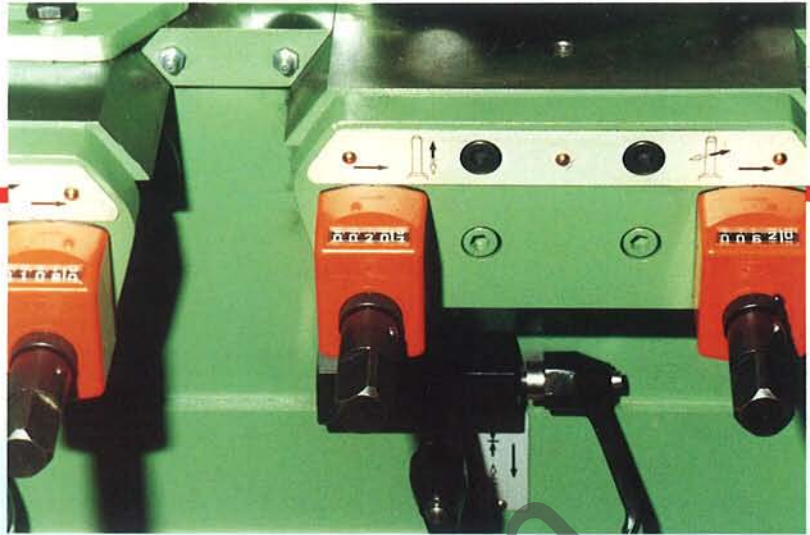
■ Random Side Head (B31P or B31Q)

Auto adjusting nearside head for machining random width timber. Eliminates manual adjustment of head.



Mechanical Head Positioning (B24R, B24S)

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



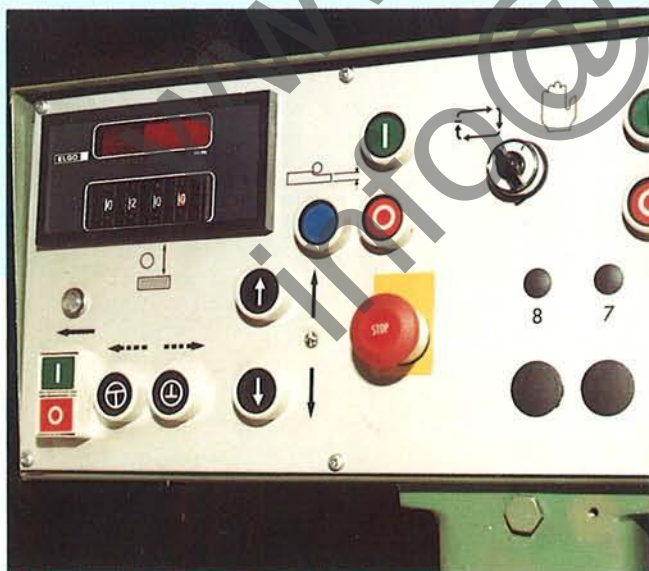
■ Canting Side Head (B23C or B29Q)

Second fence side head canting to 45°



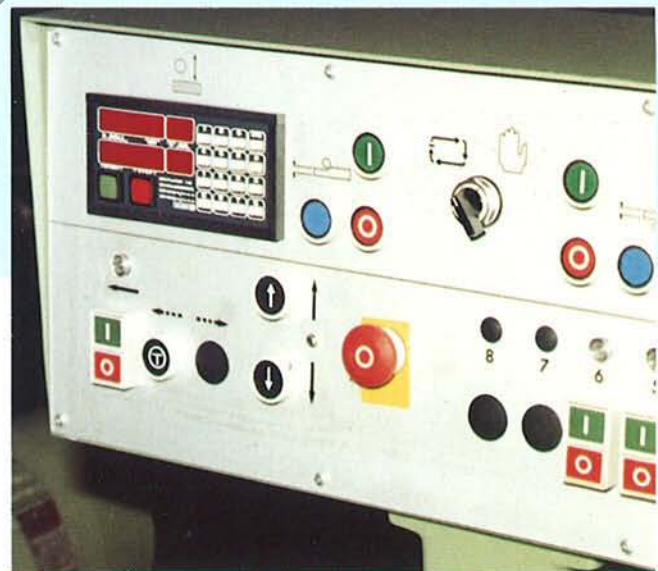
Throating Head (B29T)

For undercutting operations, particularly joinery work such as anti-capillary or weather seal grooves. Eliminates secondary machining.



Electronic Head Positioning (B22R)

'Dial-a-size' electronic positioning to top and nearside heads for quick setting up, for different sizes of planed-all-round (PAR). Features digital pre-selection switches.



Microprocessor Head Positioning (B22S)

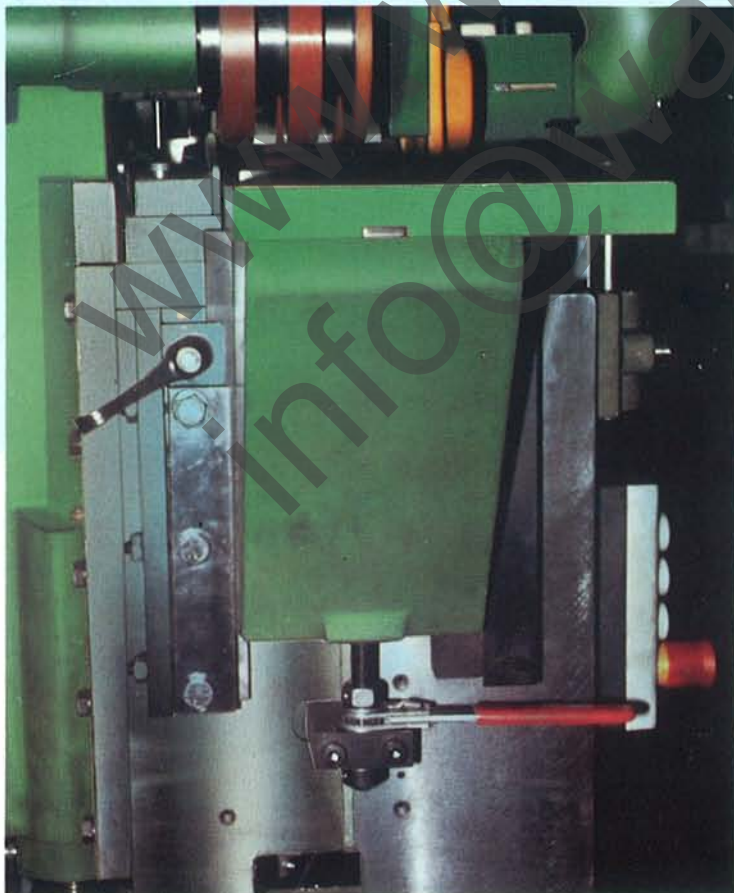
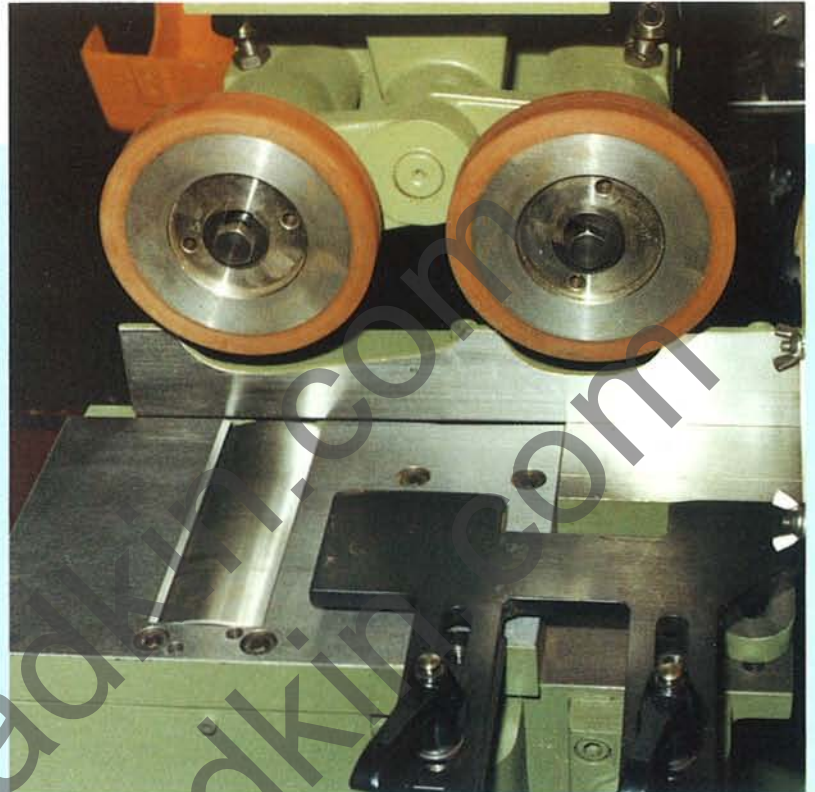
Quick setting up by use of microprocessor memory units providing multi-programmable positioning of top and nearside heads.

GA Optional Features

OUTFEED

Driven Outfeed Bedroller (B24Z)

Full width driven outfeed bedroller giving positive outfeeding of long length components.



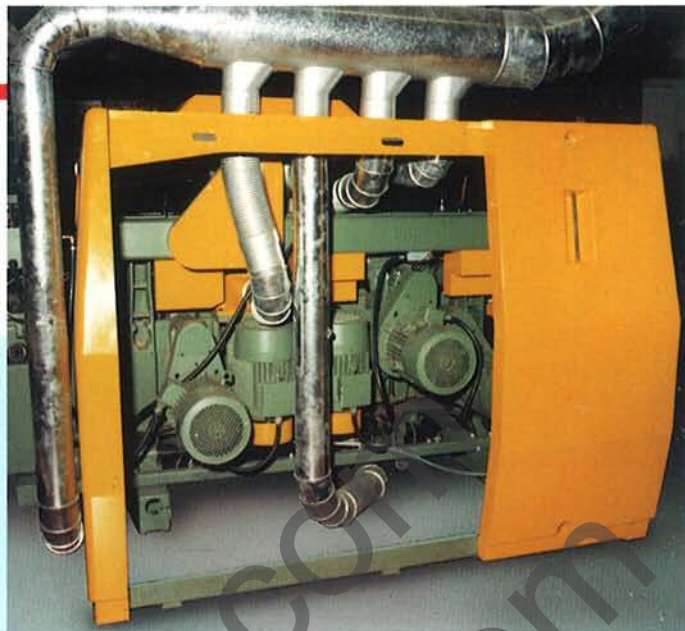
Outfeed Table (B21Y or B21Z)

Vertically adjustable outfeed table.

ENVIRONMENTAL PROTECTION

Machine Enclosure (B41A-P)

Unique close fitting enclosure for effective control of working environment. Features pneumatically operated front access door, quick release rear access panels, and internal dust connections.



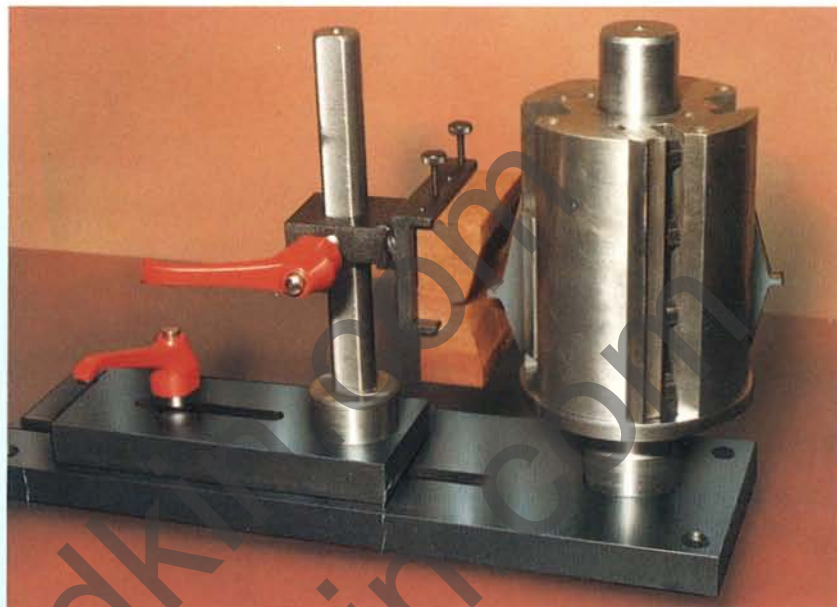
GA Optional Features

TOOLING SETTING STANDS

MMT Setting Stand

(B25L)

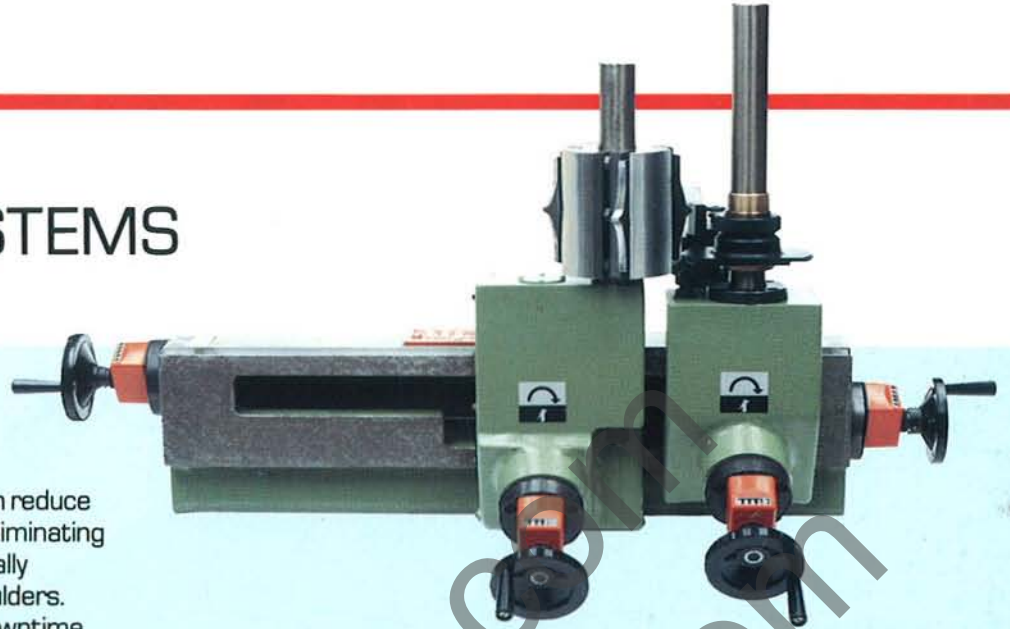
Manual setting stand for setting straight and profile knives, with cutterblock mounted on reference spigot. For use on plain bore cutterblocks.



SDT Setting Stand

Superior design manual setting stand with accurate screw-thread adjustment, for setting straight and profile knives on arbors transferable direct to/from profile grinder (types NX, NXL and NXU). References to scribing plate, sample moulding or parallel rollers.

MACHINE SETTING SYSTEMS



Range of setting systems that can reduce setting-up time by up to 50% by eliminating trial and error adjustments normally experienced with planers and moulders. Dramatic reduction in machine downtime realisable with any of these efficient systems.

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.



CASS Computer-aided Setting System

Simple to operate computer-aided setting system featuring an electronic measuring stand and mini-computer which retains head positioning data relating to a fully tooled up cutterblock in memory, and provides a printed label carrying spindle position references.

www.wadkin.com
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As our policy is to constantly improve the design of Wadkin woodworking machinery, the details given in the leaflet are not to be regarded as binding.



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