

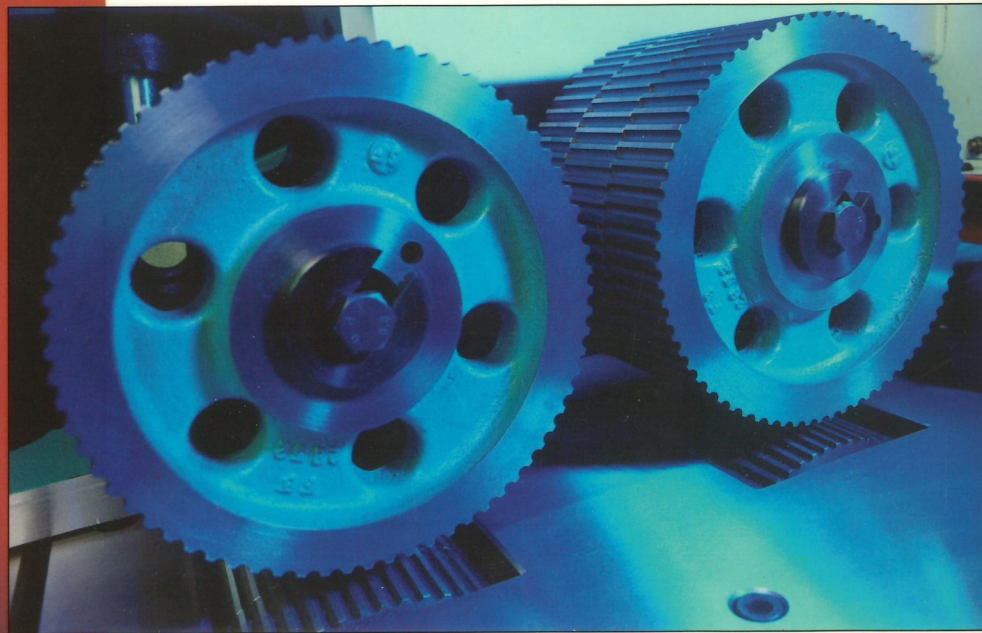
**HIGH SPEED
RANGE**

Throughfeed

Planers

and Planer

Moulders



XE220 High Performance Versatile Planer Moulder

Designed for short to medium batch production, the high performance XE220 is quick to set up and easy to operate. The XE220 series is built to the latest specification with large cutting circles, precision spindles, heavy duty motors and radial chipbreakers, with optional jointers. Featuring the positive feeding capabilities of the Wadkin heavy duty push feed unit, the XE220 is swiftly becoming the world's favourite moulder.

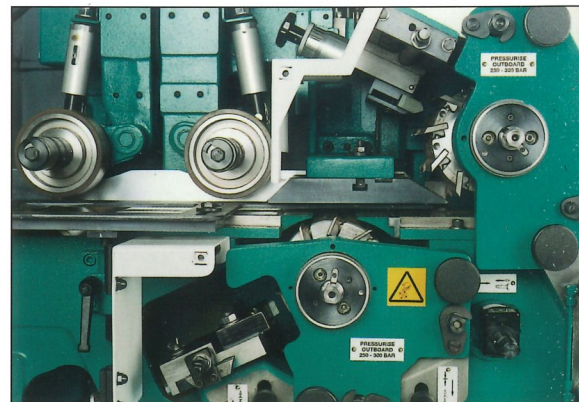
Standard built-in High Specification Features

- Full width solid hard chrome plated bed.
- Screw adjustable bed plates to suit infinitely variable cutting circles at side heads.
- True radial action chipbreaker assembly at near side head.
- True radial action chipbreaker to each top head.
- Mechanical digital readouts to both axes of all spindles except first bottom head. Adjustable to 1/100mm (0.01mm)
- Full cast iron construction.
- Electrically operated hydro pneumatic locks to top head vertical adjustments.
- Central lubrication system to main slides from front of the machine.

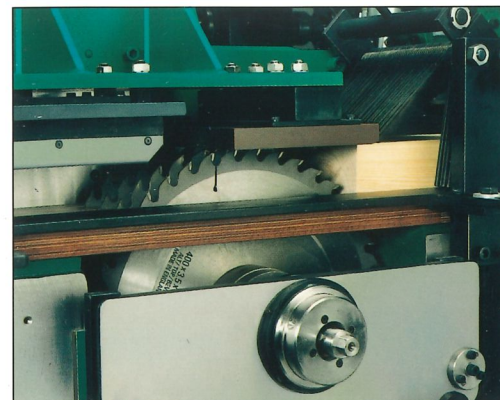
Optional Features

- Universal head.
- Pneumatic loading to all pressures and chipbreakers.
- Spindle speeds of 4500/9000 rpm from a 2 speed motor.

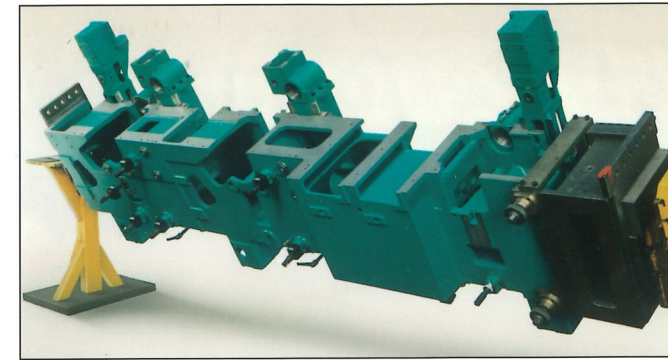
XE220 planer moulder with front cover opened showing ease of access to all conveniently positioned controls.



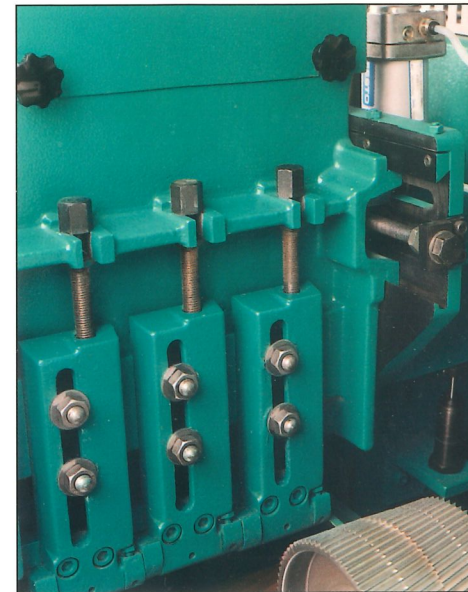
The latest design in hydraulic outboard bearings permits fine setting of horizontal adjustments to the spindle whilst the machine is running without the need to depressurise the outboards.



Unit 'G' splitting head with heavy duty 80mm diameter keyed sleeve with a plain bore outboard for easier axial adjustment. Heavy duty toothed belt drive with motor power of up to 100hp available. Picture illustrates riving knife guides, top pad pressure and anti-kick back device.



The XE220 has a full solid cast iron construction for high strength and machine rigidity.



View of the top head chipbreaker showing 3 independently adjustable chipbreaker shoes for the ultimate in control. (Optional pneumatic loading to all pressures and chipbreakers).

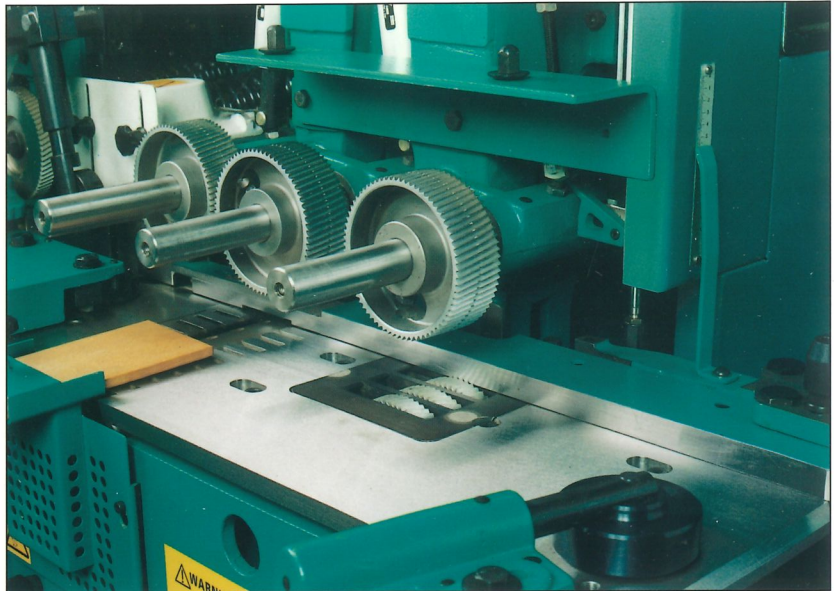


XE220 versatile planer moulder.

XE220

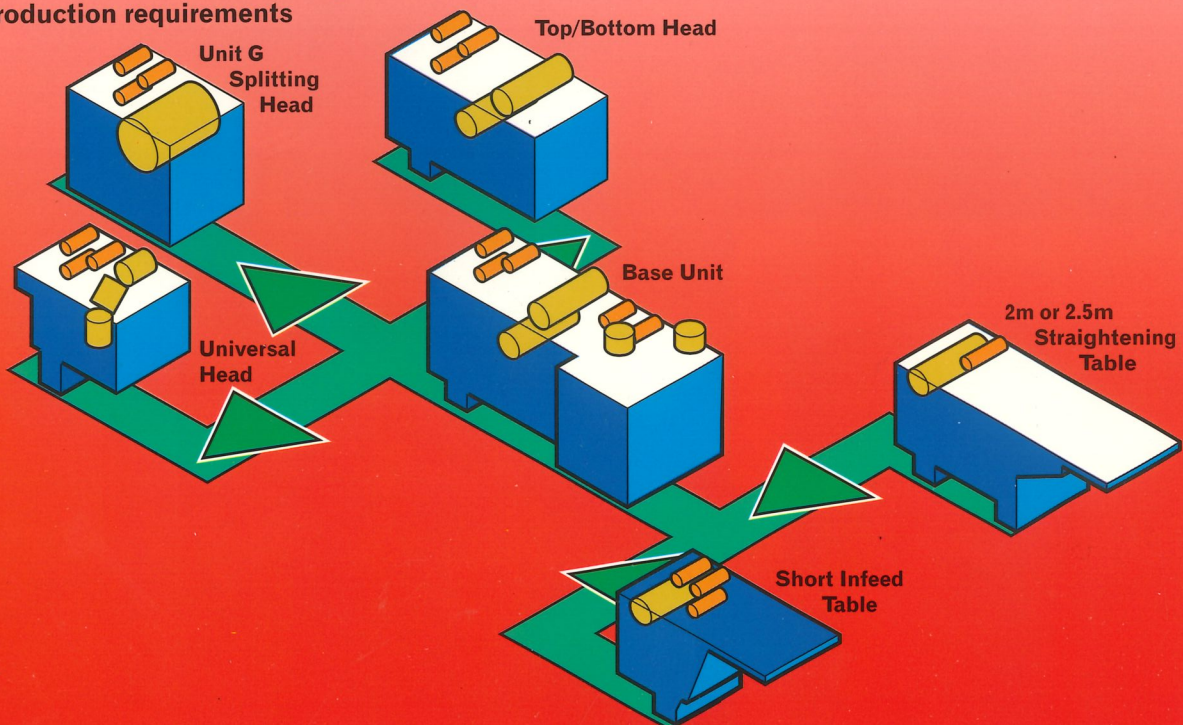
XE220 High Performance Versatile Planer Moulder

Designed for maximum output and minimal set up, the XE220 is built to exacting standards, using the most modern up to date equipment and technology. All machines are designed and manufactured "in-house" using the latest CAD-CAM design techniques and automated machinery centres. Your XE220 is truly built to last.



Three roller short infeed with the unique Wadkin method giving the ultimate in feeding power through the use of the pneumatically linked top and bottom rollers. Ideally suited for all sawmilling and strip moulding applications.

XE models available to suit your production requirements



SXJS High productivity, High Quality Finish Planer Moulder

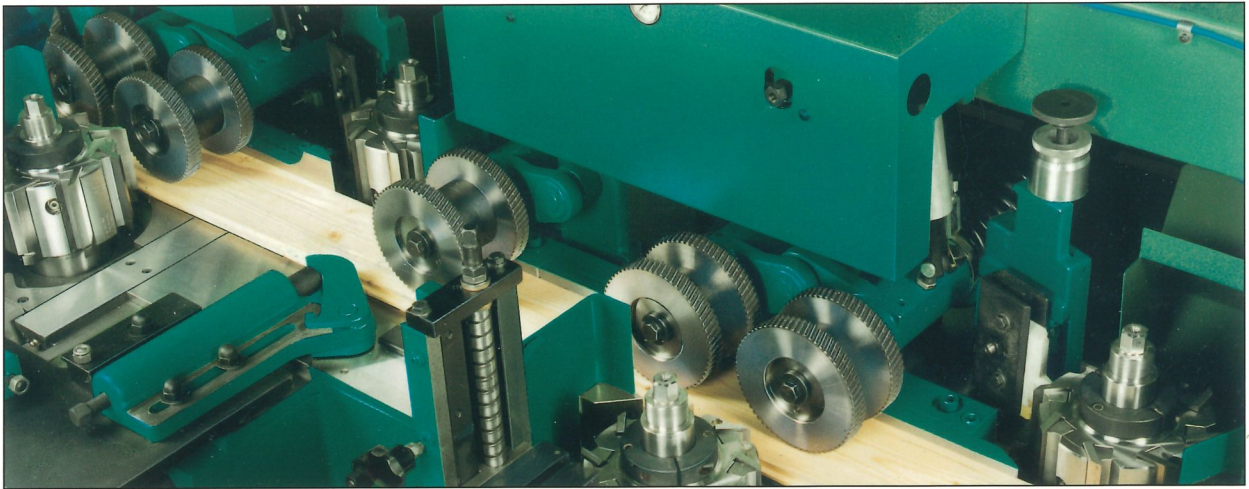
The 'state of the art' design of the SXJS Planer/Moulder embodies the latest technology from Wadkin.

Super precision spindles ensure high speed production up to 120m/min, achieving a quality machined surface to all your products.

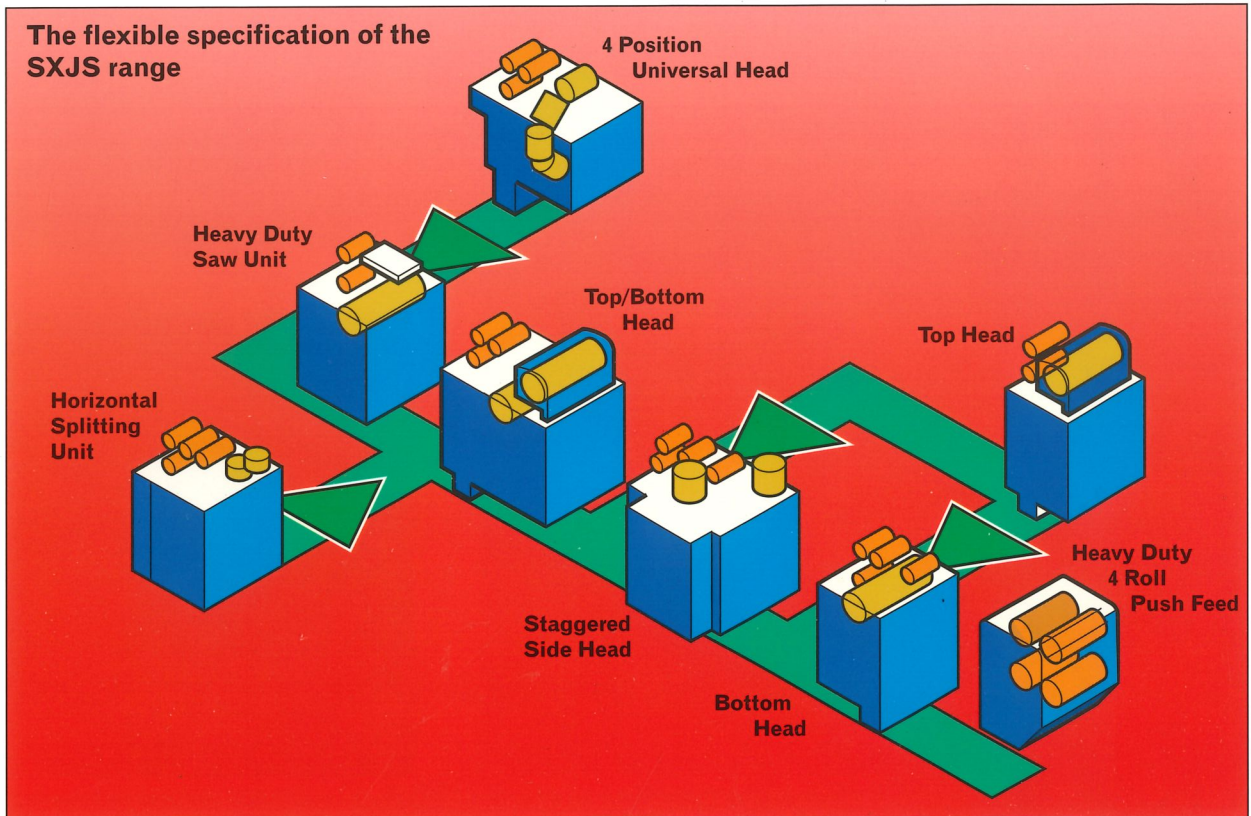
Heavy duty feedworks and pneumatic

loading to all top and bottom driven feed rollers provides positive through feeding, even with wet and difficult materials.

Setting up is quick and accurate with the most up to date setting aids fitted to the radial and axial adjustments of each spindle.



The versatility of the SXJS design allows a 4 side head model. The jointer illustrated is a Wadkin combined profile cartridge system for straight and/or profile jointing.



SXJS High Productivity, High Quality Finish Planer Moulder

The superior design of the SXJS embodies the very latest technology from Wadkin. High quality machined surface finish at high speeds is ensured with super precision spindles. Pneumatic loading to all top and bottom driven feed rollers make the SXJS the most positive through feed machine available. The famous Wadkin pushfeed unit is available for positive feeding at all times.

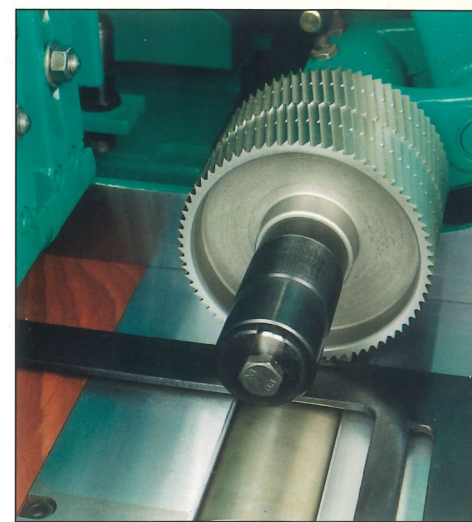
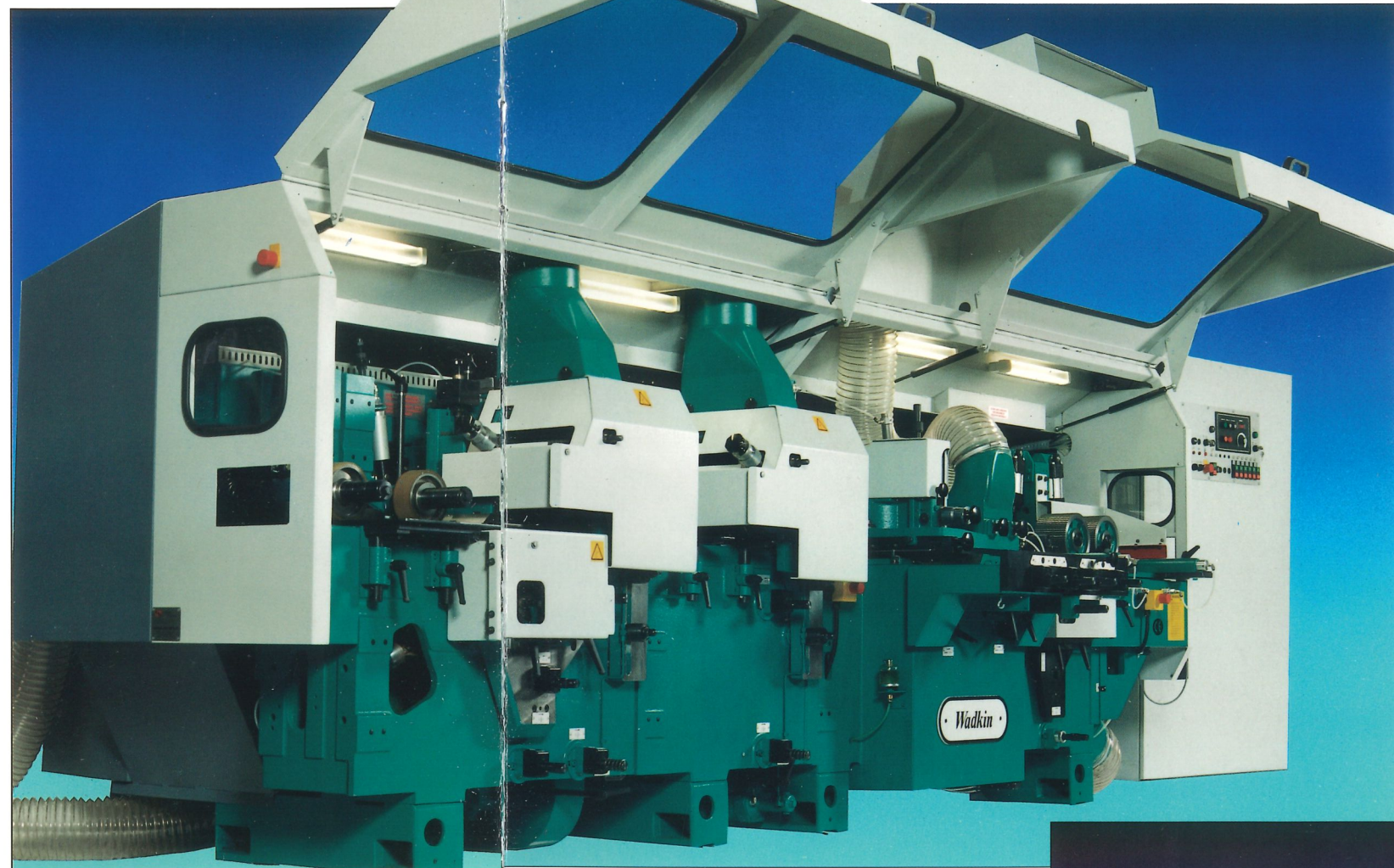
Standard Features

- Full width solid hard chrome plated bed and fences.
- Screw adjustable bed plates to suit infinitely variable cutting circles at side heads.
- True radial action chipbreaker assembly at near side head.
- True radial action chipbreaker to each top head.
- Mechanical digital readouts to both axes of all spindles except first bottom head. Adjustable to 1/100mm (0.01mm)
- Full cast iron construction.
- Electrically operated hydro pneumatic locks to top head vertical adjustments.
- Central lubrication system to main slides from front of the machine.

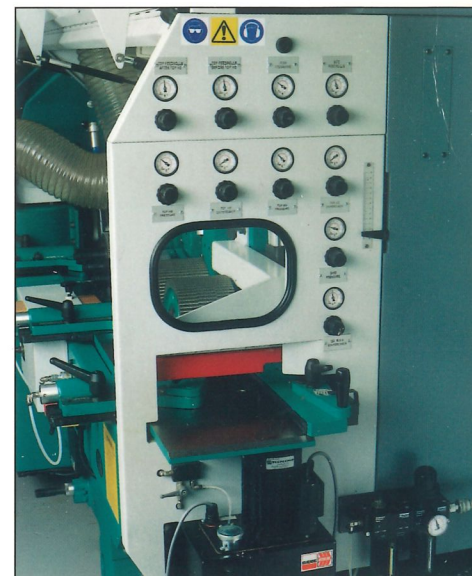
Optional Features

- Universal head.
- Pneumatic loading to all pressures and chipbreakers.
- Spindle speeds of 4500/9000 rpm from a 2 speed motor.

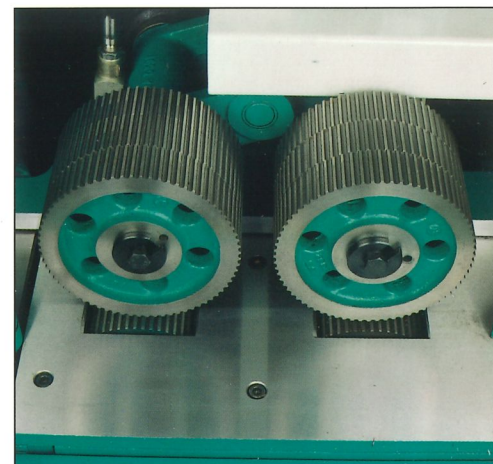
SXJS with front cover opened showing ease of access to all conveniently positioned controls.



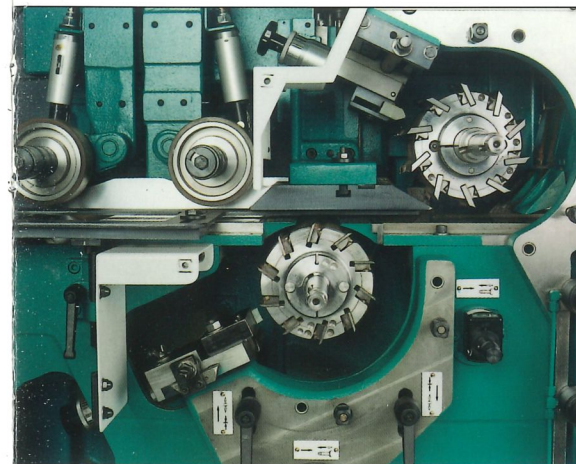
Full width, full diameter, solid steel, pneumatically loaded upwards driven bed roller.



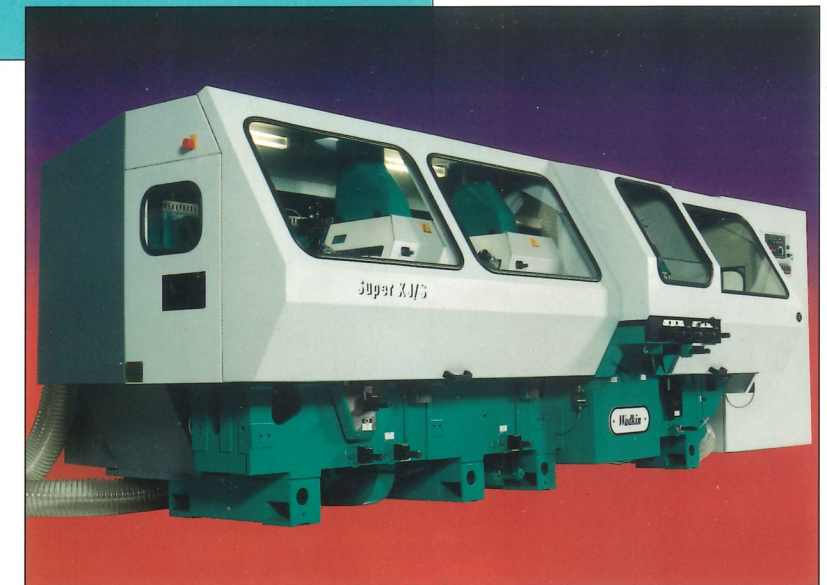
The SXJS controls are easily accessible at the operator position.



The famous Wadkin push feed unit is available for positive feeding at all times.



View of the profile cartridge jointers. Straight knife and profile knife jointing are performed within the same unit on the SXJS.



The SXJS high productivity, high quality finish planer moulder.

SUPER

Technical Information	XE220	SXJS
Maximum finished size	220 x 120mm (using max 140mm dia. tools)	220 x 120mm (using max 200mm dia. tools)
Minimum finished size	15 x 6mm	15 x 6mm
Feed speed	7-42m/min optional 10-60m/min	10-60m/min optional upto 80m/min or 120m/min
Feed motor power	15hp 11kW optional 30hp hydraulic 22kW	15hp 11kW optional 40hp hydraulic 30kW
Spindle diameter	40mm dia optional 50mm or 1 ¹³ / ₁₆ "	40mm dia (50mm dia. standard at 120m/min) Optional 50mm or 1 ¹³ / ₁₆ " or 2 ¹ / ₈ "
Cutting circles Maximum	Horizontal heads 250mm dia (1st bottom head 180mm dia) Vertical heads 205mm dia	Horizontal heads 250mm dia Vertical heads 205mm dia
Cutting circles Minimum	All heads 125mm dia	All heads 140mm dia
Horizontal spindle Hydrogrip outboard bearings	Standard all heads	Standard all heads
Motor powers maximum available		
Horizontal heads	22kW (30hp)	22kW (30hp)
Vertical heads	11kW (15hp)	18kW (25hp)

As our policy is to constantly improve design, the details given in this leaflet are not to be regarded as binding. Certain models illustrated are of CE Specification, please ask your local Wadkin representative for details of specifications to suit your area.

Certain illustrations show guarding removed for clarity.



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