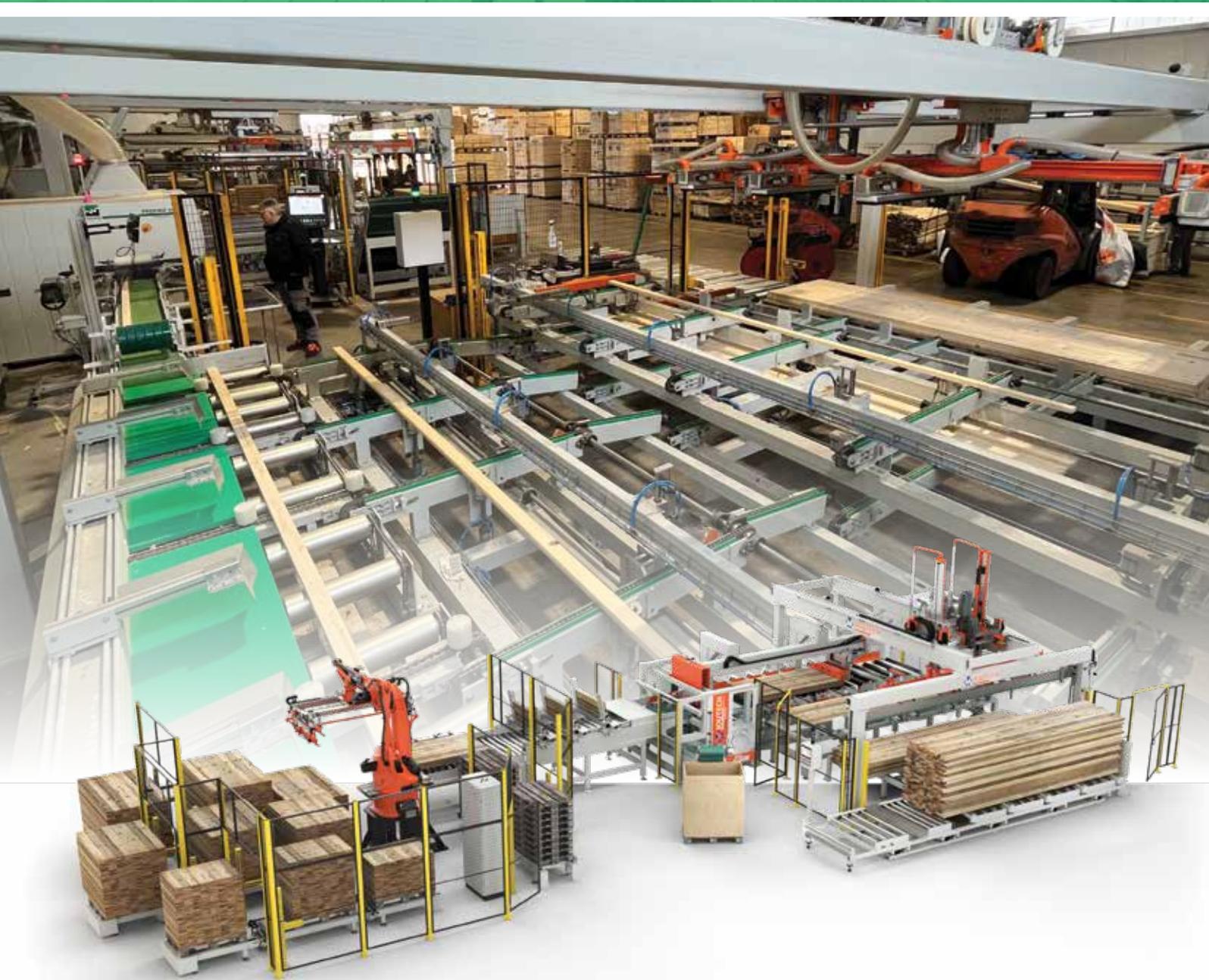


Softwood and Hardwood Sawmill Machinery



Machinery solutions that drive efficiency and growth



**STIRLING
GROUP**

www.thestirlinggroup.com.au

STIRLING GROUP

We provide high-quality capital machinery, tooling, and consumables specifically designed for medium to high-end enterprises in the wood processing industry.

Our range of machinery is selected to meet the expectation of productivity, efficiency and precision. From automation to traditional woodworking machines, every product we offer comes with the assurance of reliability and exceptional performance.

When you choose Stirling Machinery, you're choosing more than just equipment. You're investing in a partnership that prioritises your success, backed by support and a deep understanding of the woodworking industry.

We're here to help you find the perfect fit. Whether you're interested in a specific machine or exploring your options, we're always happy to chat and provide the guidance you need.



Your Vision, Our Mission.

We understand that every client has a unique goals. At Stirling Group, your goals become our mission. We are dedicated to providing tailored solutions that not only meet your needs but also inspire new possibilities.

MOULDERS

A SERIES

- Ideal for dressing & mouldings for joineries
- 4 – 6 spindle configurations
- Digital readouts for quick & easy setups
- Profile & tool library
- Connection to the office



C SERIES

- Ideal for longer dressing and moulding runs
- 4-6 spindle configurations
- 7200 RPM spindle speed
- Profile & tool library
- Connection to the office
- CNC positioning - optional



E SERIES

- Ideal for moulding operations and sawmills operations
- 4-9 spindle configurations
- 300mm wide - optional
- Higher feed speeds
- 8000 RPM spindle speed
- Moulding and splitting package
- Profile & tool library
- Connection to the office
- Connection to the grinding room - optional
- CNC positioning - optional
- HSK 8000RPM - optional



MOULDERS

M SERIES

- Ideal for medium moulding and sawmills operations
- 4-10 spindle configurations
- 330mm wide - optional
- High feed speeds
- 8000 RPM spindle speed
- Moulding and splitting package
- Profile & tool library
- Connection to the office
- Connection to the grinding room - optional
- CNC positioning - optional
- HSK 12000RPM - optional



S SERIES

- Ideal for large moulding and sawmills operations
- Jointed finish
- 4-11 spindle configurations
- 310mm wide - optional
- Up to 80m/min feed speed
- Profile & tool library
- Connection to the office
- Moulding and splitting package
- Connection to the grinding room - optional
- CNC positioning - optional
- HSK 12000RPM - optional



X SERIES

- Ideal for engineered wood
- 4-9 spindle configurations
- 450mm to 1300mm working widths
- Floating spindles - optional
- Profile & tool library
- Connection to the office
- Connection to the grinding room - optional
- CNC positioning - optional



MOULDERS

XS SERIES

- Ideal for mass production
- Jointed finish
- 4-11 spindle configurations
- 310mm wide - optional
- 120 to 300m/min feed speed
- Profile & tool library
- Connection to the office
- Moulding and splitting package
- Connection to the grinding room - optional
- CNC positioning - optional



GRINDERS

PROFILE GRINDER

C320P

- Motorised adjustment:
 - Back clearance angle
 - Side clearance angle
 - Grinding wheel in and out
- HSK85W connection



AUTOMATIC STRAIGHT & FACE GRINDER

E320FS

- Face Grind: Brazed tipped & finger joint cutterheads
- Top Grind: Planing cutterheads
- High precision indexing with finger probe
- Servo driven



GRINDERS

CNC PROFILE GRINDER

S320P

- Full CNC function
- High precision NC positioning
- Connection to draft office
- CAD to profile
- HSK85W connection



UNIVERSAL FACE GRINDER

ST10-FJ

- Universal face grinding
- Finger joint cutterheads
- Brazed tipped cutterheads



MEASURING STAND

ProConnect

- Tool room to moulder connection
- Production office to tool room connection
- Production scheduling
- Tool & Profile monitoring and library
- Sample to CAD converting
- Ghosting functionality
- HSK85W connection



SEMI-AUTOMATIC CROSSCUT SAW

SU500

- Standard or XL version
- Electro-pneumatic front protection guard
- Pneumatic or manual length stops
- Roller infeed and outfeed tables



SEMI-AUTOMATIC CROSSCUT SAW

SU600

- Super XL version
- Electro-pneumatic front protection guard
- Pneumatic or manual length stops
- Roller infeed and outfeed tables



FULLY-AUTOMATIC CROSSCUT SAW

SP150

- 3 modes:
 - Push
 - Stop
 - Optimise
- Connection to production office



FULLY-AUTOMATIC CROSSCUT SAW

SP200

- Full optimisation
- High accuracy cutting
- Connection to production office
- Single component or pack cutting



FULLY-AUTOMATIC CROSSCUT SAW

SP250

- Full optimisation
- Connection to production office
- Random cross-section sizes
- Increase productivity



OPTIMISING CROSSCUT SAW

SC300

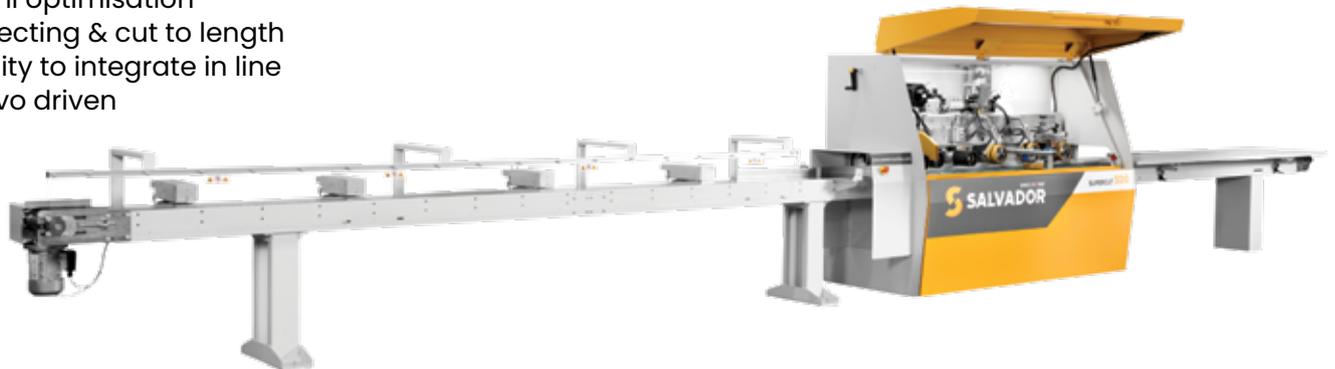
- Semi optimisation
- Defecting & cut to length
- Ability to integrate in line



OPTIMISING CROSSCUT SAW

SC500

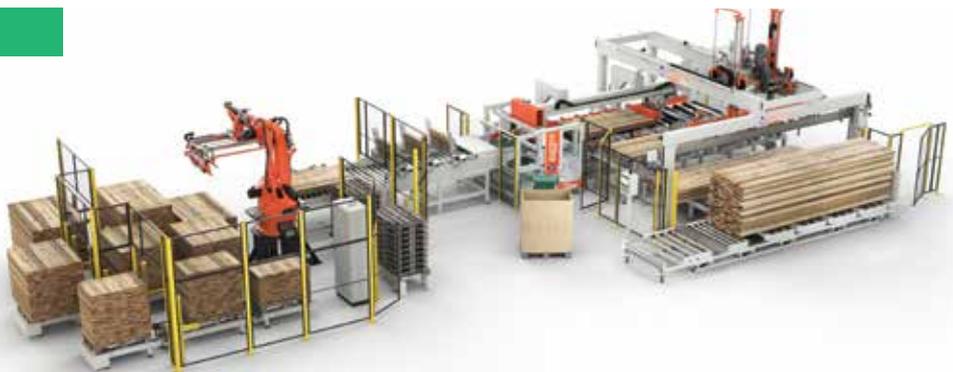
- Semi optimisation
- Defecting & cut to length
- Ability to integrate in line
- Servo driven



JOUTECH DOCKING LINE

JT1200

- Capable of producing up to 200 cubes per shift
- Complete integration with material handling
- Fully automated working cell



JOUTECH OPTICUT DOCKER

JT0600

- Full optimisation
- Defecting, highest value & cut-to-length
- Servo driven
- Integration with scanner
- Full mechanisation options



QUALITY SCANNER IN LONGITUDINAL TRANSPORT

MERLIN Q

By using the multi-sensor quality scanner Merlin Q, it is possible to reliably and precisely detect wood characteristics and wood defects. This allows you to automate and optimise your production. The combination of lasers, multi-spectral cameras, snapshot technology and AI achieves the most precise scanning results, leading to a significant increase in added value.

Merlin Q is available in various customer-specific equipment variants.

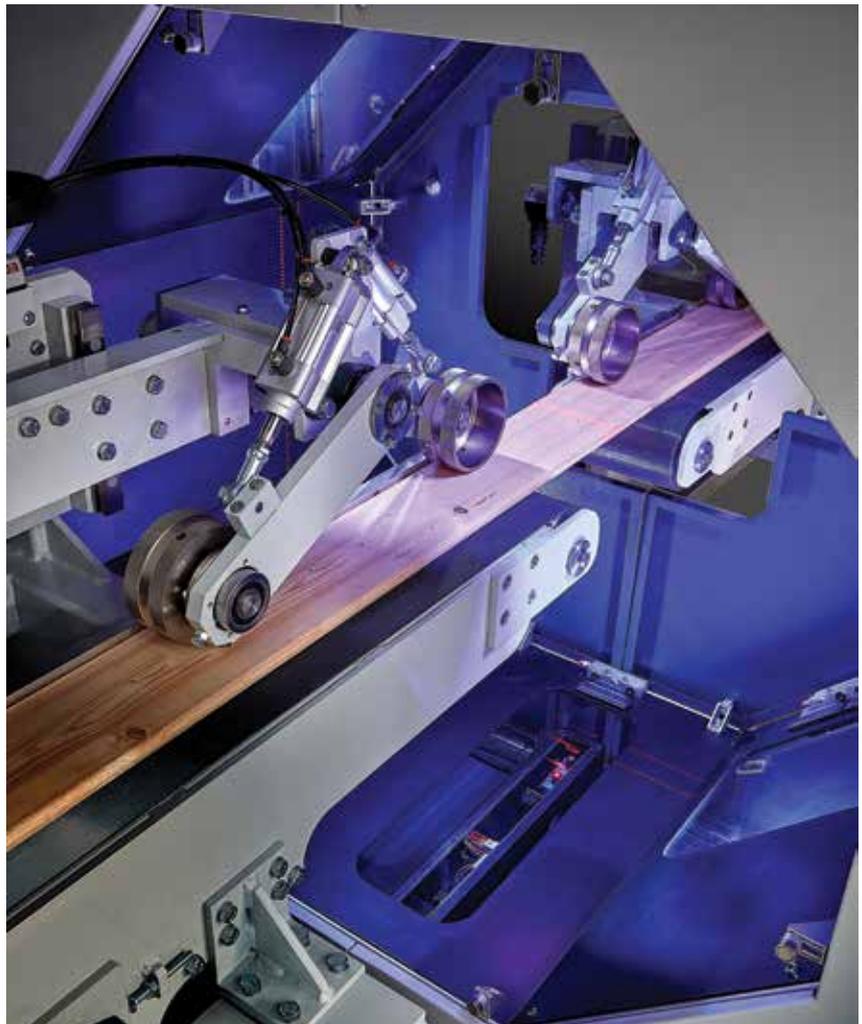


QUALITY SCANNER FOR LONGITUDINAL TRANSPORT WITH X-RAY

MERLIN QX

By using the multisensor quality scanner Merlin QX, it is possible to reliably and accurately detect features and defects even inside the wood. This enables you to automate, streamline, and optimise your production. Through the combination of lasers, multi-spectral cameras, snapshot and X-ray technology, as well as artificial intelligence, the most precise scanning results are achieved, leading to a significant increase in added value.

Merlin QX is available in various customer-specific equipment variants.



FINGER JOINT LINES

FINGER JOINTER

FL-24

- 2 cycles per minute
- Single shaper with rotating table
- Manual or semi-automatic versions



FINGER JOINTER

FL-08

- 3-4 cycles per minute
- Double shapers
- Semi or fully automatic versions



FINGER JOINTER

FL-18

- 4-5 cycles per minute
- Double shapers
- Fully automatic version



FINGER JOINTER

FL-03

- 5-6 cycles per minute
- Double shapers
- Fully automatic
- Servo driven



MULTIRIP SAWS

SHORTCUT

SJ-95

- Compact design
- Short length infeed 180mm
- 95mm cutting height



XBLADE

SJ-120, SJ-150, SJ-170

- Rugged design
- Cutting heights 120, 150 & 170mm



MULTIRIP SAW

E350R

- Movable blades - optional
- Touch screen HMI
- Roller type infeed system



BANDSAWS

HORIZONTAL BANDSAW

TS400

- PLC control
- Hydraulic blade tension
- Inverter conveyor & wheel speed



VERTICAL BANDSAW

HB900H

- PLC control
- Hydraulic blade tension
- Inverter conveyor & wheel speed



END MATCHERS

END MATCHER

A250/300

High precision for processing materials up to 300mm wide. Featuring independent motors, a PLC control system with a touch screen, and adjustable cutter speeds. The machine ensures safety and durability with a fully enclosed guard and a hard chrome-plated table.



END MATCHER

Randomat E

For continuous feeding of random-length workpieces and processing various profiles, this machine offers a wide range of accessories and a space-saving design, making it easy to adapt to the needs of any business.



END MATCHER

Randomat Evo

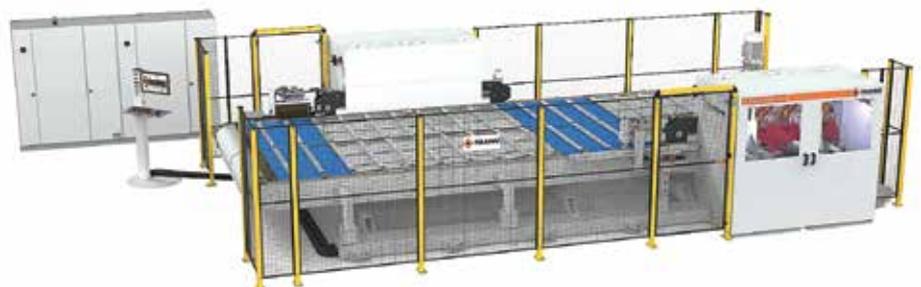
For defect cutting and profiling of timber boards, with fixed or random lengths, its modern design and technology offer an all-in-one solution that enhances production capabilities. This expands product offerings, ensuring versatility, high quality, and fast turnaround.



END MATCHER

Randomat SQ

The most productive solution for end profiling of random-length flooring elements, offering extreme precision, reliable working units, a sturdy carrying system, and high-quality pressure components. This ensures high productivity in jointing and precise processing.



FULLY AUTOMATIC MOULDING LINES

Line Speeds available:

From 30 to 300 meters per minute

Infeed Options

- Stacker Infeed
- Vacuum Loader
- Strip Remover
- Grading Zone
- Accelerator Infeed

Infeed Vacuum Loader



Robot



Conveyor Chain Infeed



Accelerator Infeed



Marking Station



Outfeed Options

- Accelerator Outfeed Conveyor
- Scanner for Dimension or Defect Grading
- Lug Cross Transfer Rollers
- Grading Zone
- Vacuum Loader
- Strip Placement
- Strapping & Bundling
- Packaging

Full Outfeed Automation



Conveyor Chain - Outfeed



Lamel Outfeed Stacking



Outfeed Vacuum Loader



Outfeed Vacuum Loader



Bundling



Packaging



FLOW-COATING

APACHE 3

Designed for impregnating and applying primer protective treatments on claddings, sidings, and sheds, the machine handles materials with a maximum width of 30cm, height of 4cm, and length of 80cm, with a feed speed range of 10 to 50 m/min.



FLOW-COATING

APACHE 5

Designed for impregnating and applying primer protective treatments on claddings, sidings, and fences, the machine handles materials with a maximum width of 30cm, height of 20cm, and length of 100cm, with a feed speed range of 10 to 50 m/min.



FLOW-COATING

APACHE 7

Designed for impregnating and applying primer protective treatments on claddings, sidings, sheds and beams, the machine handles materials with a maximum width of 30cm, height of 32cm, and length of 100cm, with a feed speed range of 10 to 50 m/min.



SANDING

CHEYENNE

SP2-400 / SP2-600

Efficient calibrating and sanding machines designed for precise surface finishing in woodworking and panel processing. Available in 400mm and 600mm widths, they offer adjustable settings for various materials, ensuring smooth, consistent results for small and large-scale production.



CHEYENNE

SP4-400 / SP4-600

High-performance calibrating and sanding machines designed for woodworking, panel, and flooring applications. With customisable features and advanced technology, it delivers precision, superior surface quality, and flexibility to meet diverse production needs.



CHEYENNE

HURON

The Cheyenne model can be enhanced by adding the HURON head in widths of 40 or 60 cm to the traditional SP line. This addition creates a transverse incision of the fibres, resulting in a high-impact rustication, also known as the 'saw-cut' effect. The process is achieved using abrasive paper with orthogonal sliding relative to the workpiece feed.



SANDING

SANDING

K SERIES

A versatile line of calibrating and sanding machines, designed for applications such as panel, flooring, and kitchen production. With customisable options, including various frame sizes, motor powers, and head configurations, these machines ensure precise sanding. Ideal for operations that require flexibility and precision.



SANDING

S SERIES

High-performance calibrating and sanding machines designed for woodworking, panel, and flooring applications. With customisable features and advanced technology, it delivers precision, superior surface quality, and flexibility to meet diverse production needs.



SANDING

B SERIES

Reliable calibrating and sanding machines, ideal for panel processing and general woodworking applications. With sturdy construction and easy-to-use controls, the B Series ensures consistent performance and high-quality results.





**STIRLING
GROUP**

Machinery | Tooling | Maintenance | Training



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