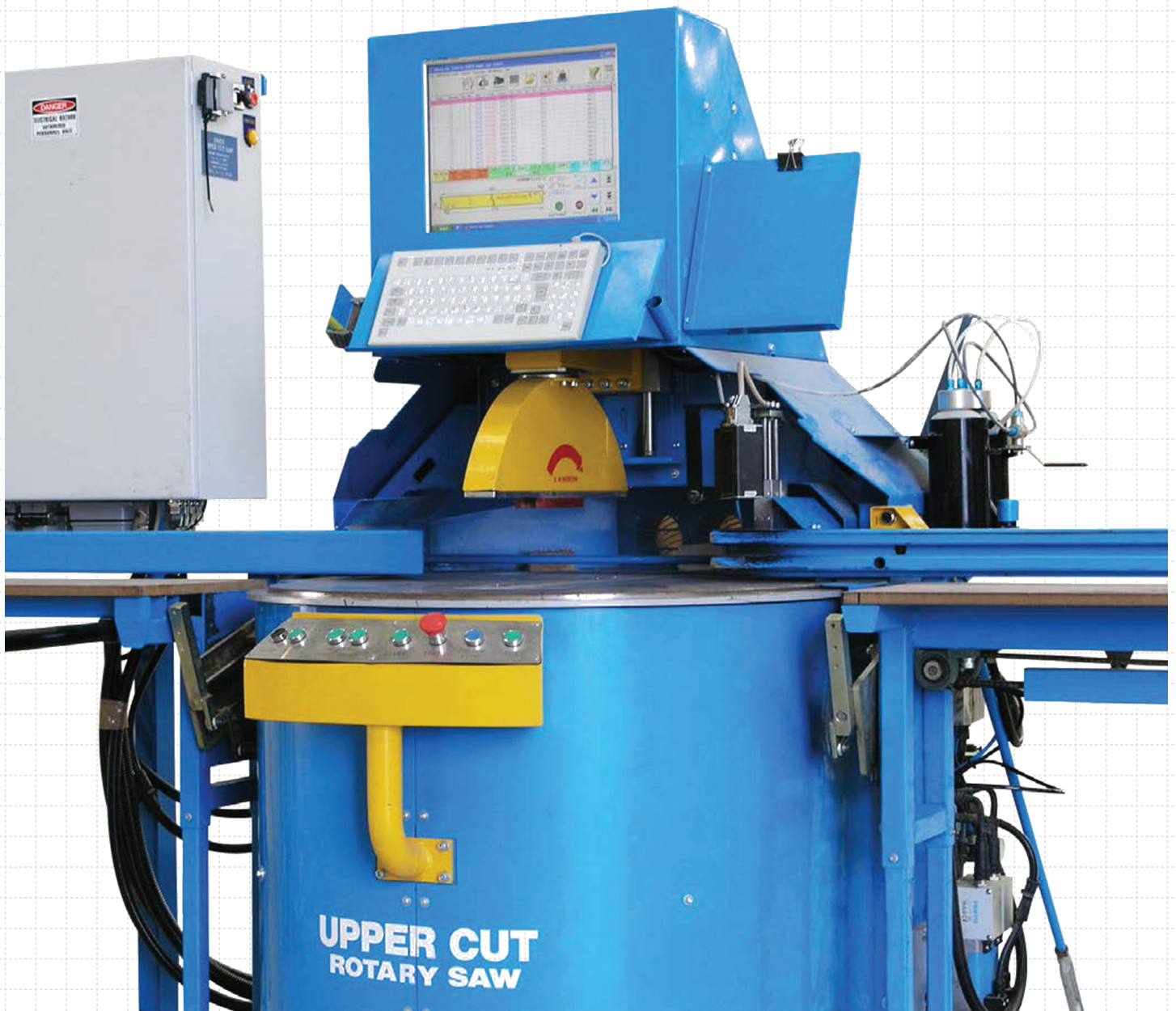


UPPERCUT ROTARY SAW

VOLUME TRUSS COMPONENT SAW



Description:

The UpperCut Rotary Saw is a high volume single operator, truss component saw. This versatile saw is ideal for cutting both webs and chords and uses highly efficient optimising techniques to maximise saw productivity including stacked board cutting, and nested 'negative waste' cutting.

This flexible system allows low angle cuts down to zero degrees. The combination of servo controlled movement and strong timber clamping ensure accurate cutting. The Upper Cut Rotary Saw touchscreen interface is simple to use so even novice sawyers can quickly become productive.

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UPPERCUT ROTARY SAW

VOLUME TRUSS COMPONENT SAW

Features:

- Optimising software for cutting multiple members from a single stock length, with shared cuts for 'negative waste' cutting.
- Board stacking up to 3 boards high, with 3 sensors to accurately record cutting progress.
- Combining of like members for optimal board stacking.
- Low angle cutting to zero degrees and short members down to 30mm. Long, low angle cuts are achieved in multiple aligned cuts.
- Ink-jet marking of truss & member ID on top face of stack eliminates hand marking.
- Simple, rugged, low maintenance construction.
- Servo controlled movement and pneumatic timber clamping for high cutting accuracy.
- Multiple integral dust extraction ports (dust extractor optional).
- Two hand control and perimeter light curtain guarding protects the sawyer and other operators.
- Easy software options for re-cutting selected member or manually entered one-off members.
- Touch screen operation for scrolling through and entering information into the software.
- Generates .PRD file feedback for OptiFlow production monitoring.

Advantages:

- High volume, one man operation.
- Stacked and nested cutting.
- Inkjet marking member identification.
- Cuts very low angles.



Operation and performance:

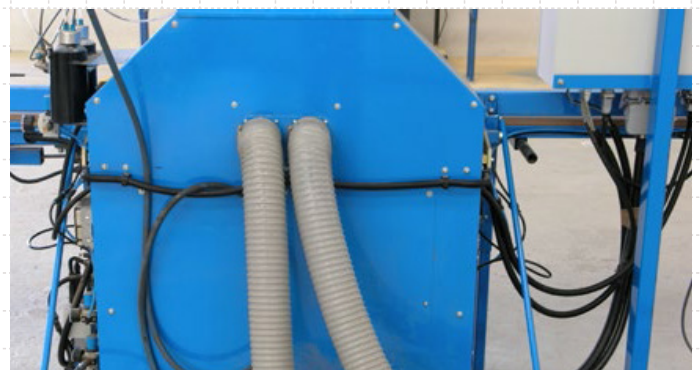
- Cutting operation requires the sawyer to operate two-hand hold-to-cut controls.
- Typical output 90-100 parts per hour. Productivity varies depending on type of members cut, optimisation settings, and flow of materials to and from the saw.

Installation requirements:

- Electrical: 415V, 3-phase, 20 Amps.
- Compressed air: 690kPa (100 psi), clean, dry air.
- Floor: Level concrete floor in good condition.

Machine:

- Blade: Custom blade, 540mm diameter, 72 teeth, 4mm kerf.
- Motor: 5.6 kW with failsafe mechanical brake, run to stop in under 10 seconds.
- Configurations: Right or Left Hand.
- Control: Industrial PC with LCD Touchscreen.
- Automation Type: closed loop DC servo motor.
- Data File Format: MiTek .MME file.



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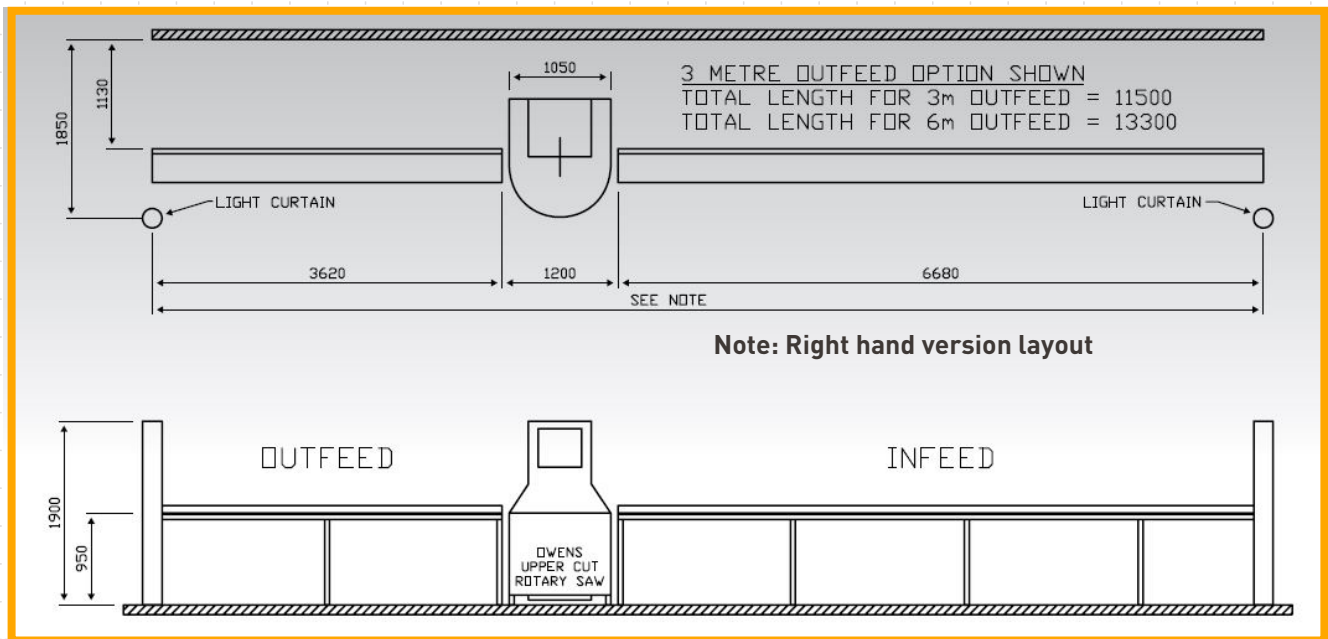
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UPPERCUT ROTARY SAW

VOLUME TRUSS COMPONENT SAW



Cutting Capabilities:

- Member types: Webs and Chords (up to 3 cuts per end, no compound mitres).
- Cut angles: 0° to 180° (Long, low angle cuts achieved using multiple cuts).
- Cut offset: 0 - 140mm
- Timber width: 70 to 190mm
- Timber thickness: 30 to 105mm
- Timber stock length: 600 to 6000mm
- Stacking: up to 3 boards high subject to blade angle limits (refer table).

Options:

- Right hand or left hand input
- Dust extractor
- Spare saw blade
- 3m or 6m outfeed

MAXIMUM STACK HEIGHT AT LOW ANGLES

Timber Size	Max Stacked Boards	Angle
70 X 35	2	3°
90X 35	2	3°
120 X 35	2	5°
140 X 35	2	5°
190 X 35	1	12°#



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