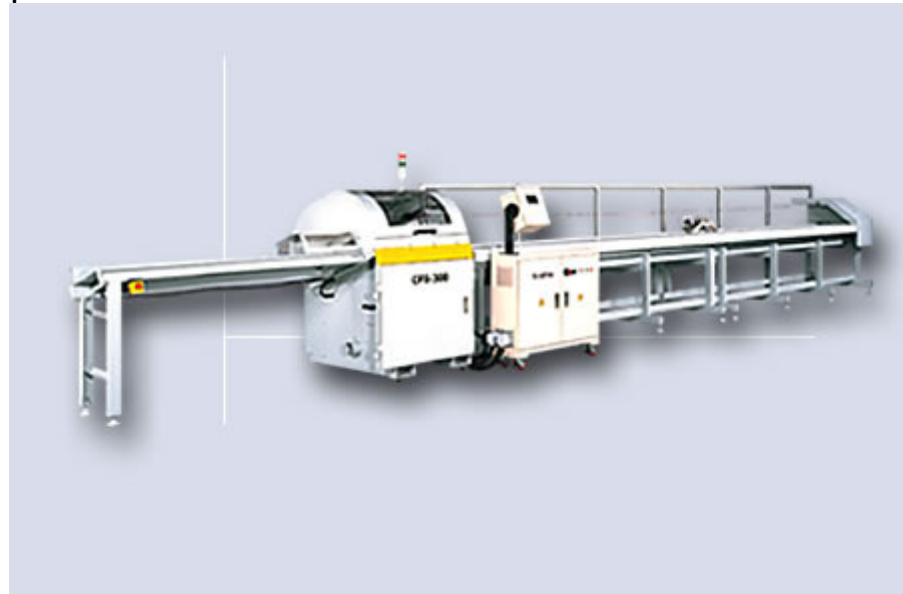


OPTIMIZING CUT-OFF SAW CFS - 300

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Humanized operation, learn and operate, low investment cost, high efficiency, versatile, fast pay back.

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CONSTRUCTION & FEATURES :

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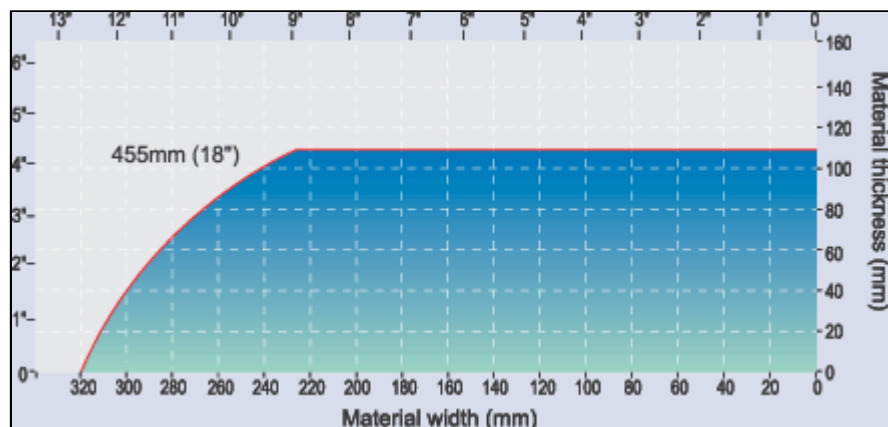
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- Humanized operation, easy to learn and operate, low investment cost, high efficiency, versatile, fast pay back.
- Modular design on mechanical parts and computer control system for convenient maintenance.
- High cutting accuracy up to $\pm 0.2\text{mm}$. No second machining is required.
- Computer control provides proper cutting information efficiently, and reduces production costs. In addition, it is available with immediate service support through network and upgraded programs to reduce maintenance costs.
- Three operation functions to meet operator's requirements:
 - (A) Fixed lengths cutting for single or package boards.
 - (B) Defect and fixed length cutting.
 - (C) Computer-controlled for fully optimizing cutting, including (A) & (B) functions ; the following functions:
 - Selected cutting sequence
 - Valuable section cut first
 - Minimum waste material
 - Finger jointing program

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TWO-AXIS PROGRAMMABLE MOTION CONTROL



- 1) 32-bit floating-point digital signal processor (DSP)
- 2) Two +/-10V analog command outputs. The motor control features current command and fully closed loop double feedback.
- 3) PID and both velocity, acceleration feed forward in servo loop can effectively reduce the following tolerances in motion and static situation, also, increase system stability.
- 4) Four hardware capture registers, used for high speed mark-searching or home-searching.
- 5) Two serial communication ports (RS-232), maximum baud rate 38400 bps.
- 6) Flash and Battery Backup SRAM for double security.

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□ **SPECIFICATIONS:**

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Model	CFS - 300
Saw motor	10 HP
Max. workpiece length	6.5 m (21 ft)
Pushing bar motor	1.5 kw
Max. feed speed	110 M/min (390 ft/min)
Circular saw diameter	Ø455 mm (18")
Saw spindle diameter	25.4 mm (1") or 30 mm
Height of bed	960 mm
Positioning accuracy of the pushing bar	±0.2mm
Cutting size	See the diagram of cutting range

***We reserve the right to amend any of the above specifications without prior notice.**

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