SC-660
Automatic Directional Angle Cut-off Saw with Rotary Table

AUTOMATIC PROGRAMMABLE
CUT-OFF SAW
S-450 / S-600

Advanced Servo Controlled System

- Performing part cutting and fixed size cutting for meeting various cutting requirement.
- Fast processing speed、high stability and cutting accuracy.
- It is used for building materials and mass material preparation.

- Automatic trimming off head workpiece.
- Standard 100 sets of memory dataand for optional to be able to connect with USB slot.
- Feeding speed up to 60 M/ min.
- Opting for lengths of infeed table to customer's requirement

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Infeed Side Pressure Device
Making sure the precision of angle direction when cutting the workpiece.

Dual-pressure Air Cylinder
Making sure to cut the workpiece smoothly and to prevent it from loosen.

Guide Rod
It will descend to prevent the workpiece from moving and make sure to push workpiece smoothly after finishing cutting angle.
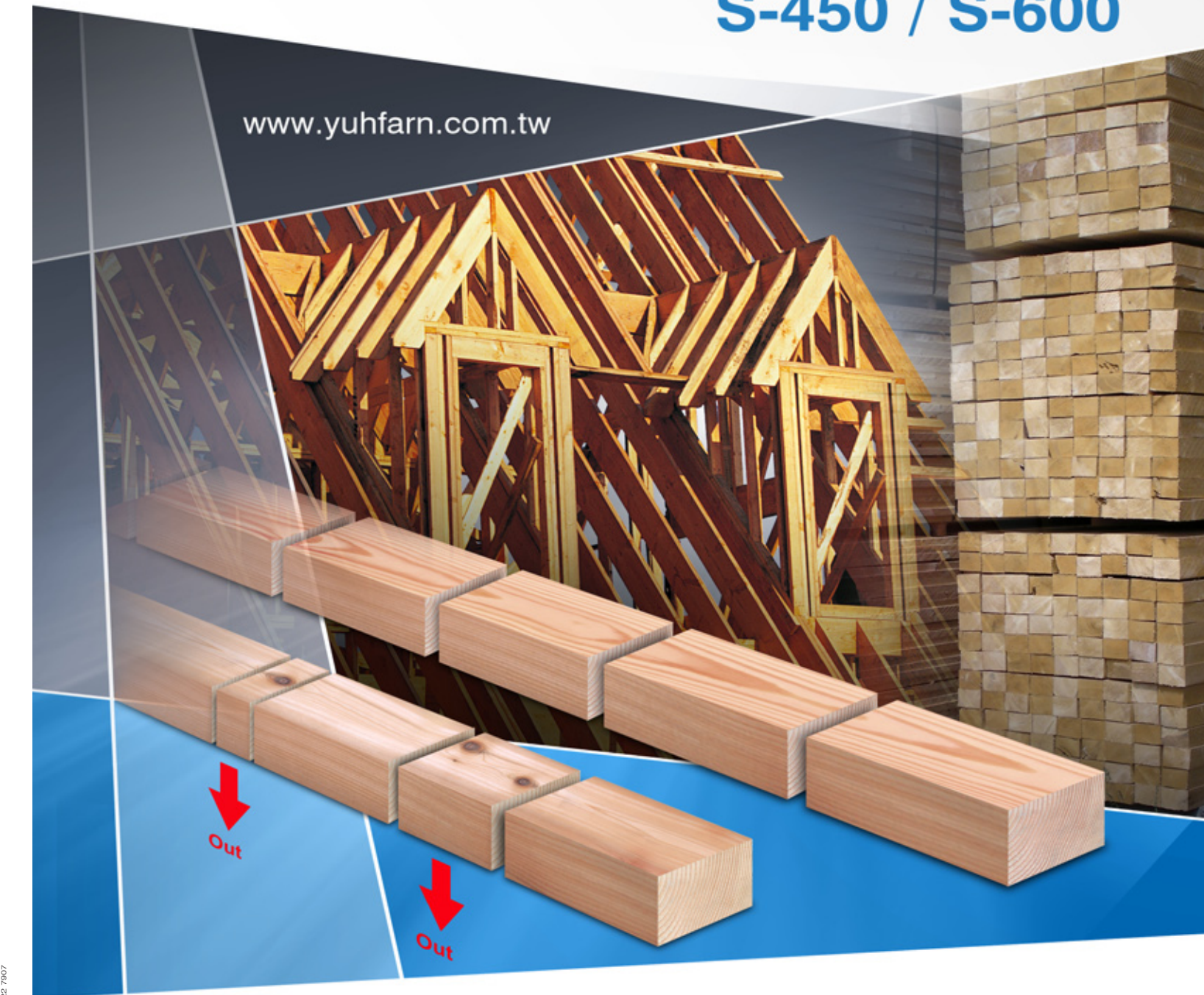
Specifications	S-450	S-600
Sawblade speed	3600 rpm	2000 rpm
Sawblade size	18" x 3.4 mm x 1" x 120 T	24" x 4.0 mm x 1" x 80 T
Cutting capacity (Thickness x Width)	50 x 250 mm, 100 x 200 mm	50 x 400 mm, 100 x 350 mm 150 x 300 mm, 190 x 190 mm
Motor	10 HP	10 HP (15 HP)
Sawblade speed	30~90 m/min	15~60 m/min
Table height from floor	880 mm	880 mm
Working air pressure	5~7 kg / 80 cm^2	5~7 kg / 80 cm^2
Net weight	420 kg	580 kg
Gross weight	550 kg	670 kg
Packing dimensions (LxWxH)	890 x 1080 x 1650 mm	930 x 1420 x 1650 mm

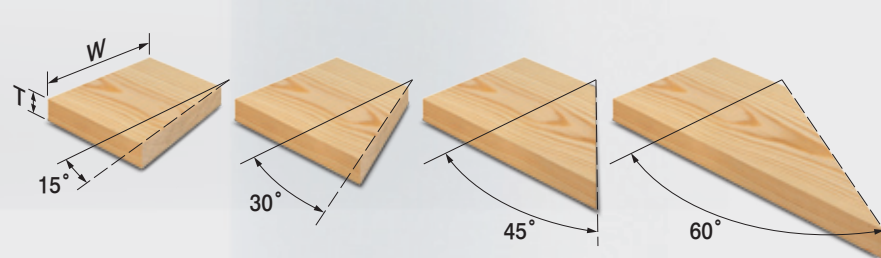| Specifications	SC-660
Table swiveling angle 45˚ angle	200 x 145 mm
Cutting capacity (Thickness x Width)	+60˚~ 0˚~ - 60˚
Saw blade size (optional)	26"
Saw arbor diameter	30 mm
Saw blade speed	1600 rpm
Dust exhaust diameter	ø4" x (1), ø5" x (1)
Motor	10~15 HP
Working air pressure	5~7 kg / 80 cm^2
Table size	1173 x 630 mm
Net weight	1200 kg
Gross weight	1450 kg
Packing dimensions (LxWxH)	1550 x 1550 x 2070 mm

• Specifications, dimensions and design characterisics shown in this catalog are subject to change without prior notice.

SC-660 Cutting Capacity (T x W)
Cutting width of 45˚ (mm)

Timber Thickness (mm)	
200 x 145 mm	
175 x 220 mm	
150 x 270 mm	
125 x 310 mm	
100 x 345 mm	
75 x 365 mm	
50 x 395 mm	
25 x 405 mm	

Timber Width (mm)

15˚   30˚   45˚   60˚

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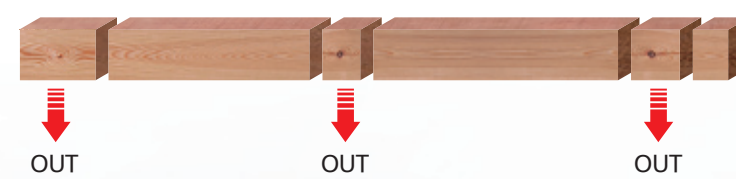http://www.yuhfarn.com.tw

http://www.woodsawing.com

YUH FARN
YUH FARN MACHINERY INDUSTRIAL CO., LTD.

S-450 / S-600 — *Automatic Programmable Cut-off Saw*

Advanced Servo Controlled System

- Performing defective part cutting and fixed size cutting for meeting various cutting requirement.
- Fast processing speed、high stability and cutting accuracy to ±0.5 mm, solving tough cutting problems.
- It is used for finger joining material and mass material preparation.
- Automatic trimming off head workpiece. (Unavailable in marking lines cutting mode)

- Standard 100 sets of memory data and for optional to be able to connect with USB slot.
- Feeding speed up to 90 M/ min.
- Opting for lengths of infeed table to customer's requirement

Marking lines cutting mode

OUT   OUT   OUT

S-450

S-600

Constant length of cutting mode

Sequential cutting mode

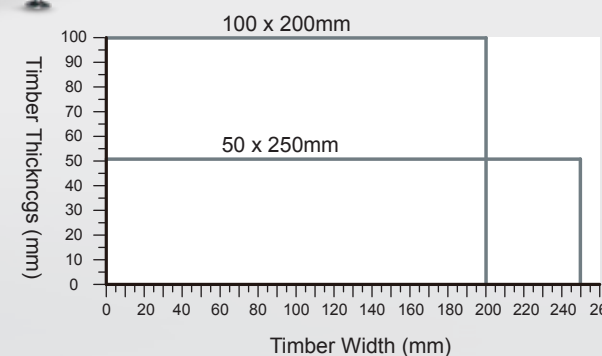50 sets of memory data (For sequential cutting mode only).

Marking lines cutting mode

S-450 Cutting Capacity (T x W)

- 100 x 200mm
- 50 x 250mm

Timber Thickness (mm): 0 10 20 30 40 50 60 70 80 90 100
Timber Width (mm): 0 20 40 60 80 100 120 140 160 180 200 220 240 260

S-600 Cutting Capacity (T x W)

- 190 x 190mm
- 150 x 300mm
- 100 x 350mm
- 50 x 400mm

Timber Thickness (mm): 0 25 50 75 100 125 150 175 200 225
Timber Width (mm): 0 50 100 150 200 250 300 350 400

Automatic Measure Stuff Length (The length of workpiece is unknown)

Cutting the appointed lengths and quantity, it automatically pushes out the workpiece whose lengths are showed on the screen at the same time. It has 1~50 sets of memory data which each set of memory data has 12 kinds of lengths and quantity.

Automatic Single

1~50 sets of memory data：Using "AUTO measure stuff length", when the length of workpiece is insufficient, it finds out the enough length to cut the workpiece to be finished. It is able to set to stop the saw blade automatically.

Stuff Length Known (The length of workpiece is known)

Cutting the appointed lengths and quantity after inputting the value of cutting length or from 51~100 sets of memory data.

Scrap Selection

Using the fluorescent crayon to mark the front & back of defect parts via AUTO defecting cutting program.

Touch Screen

- Having cutting modes, parameter setting, record and alarm message.
- Automatic controlled feeding device driven by servo motor: according to the inputted value of cutting length , PLC system evaluates the length of workpiece and perform cutting action.

Automatic Position System

- The fast moving pusher reaches a maximum distance of 90 m/min with perfect position

Pushing Fence

- According to the appointed length and quantity, pushing the workpiece and cutting it out till finishes all of work. After then reset pushing and cutting action.

CE Standard