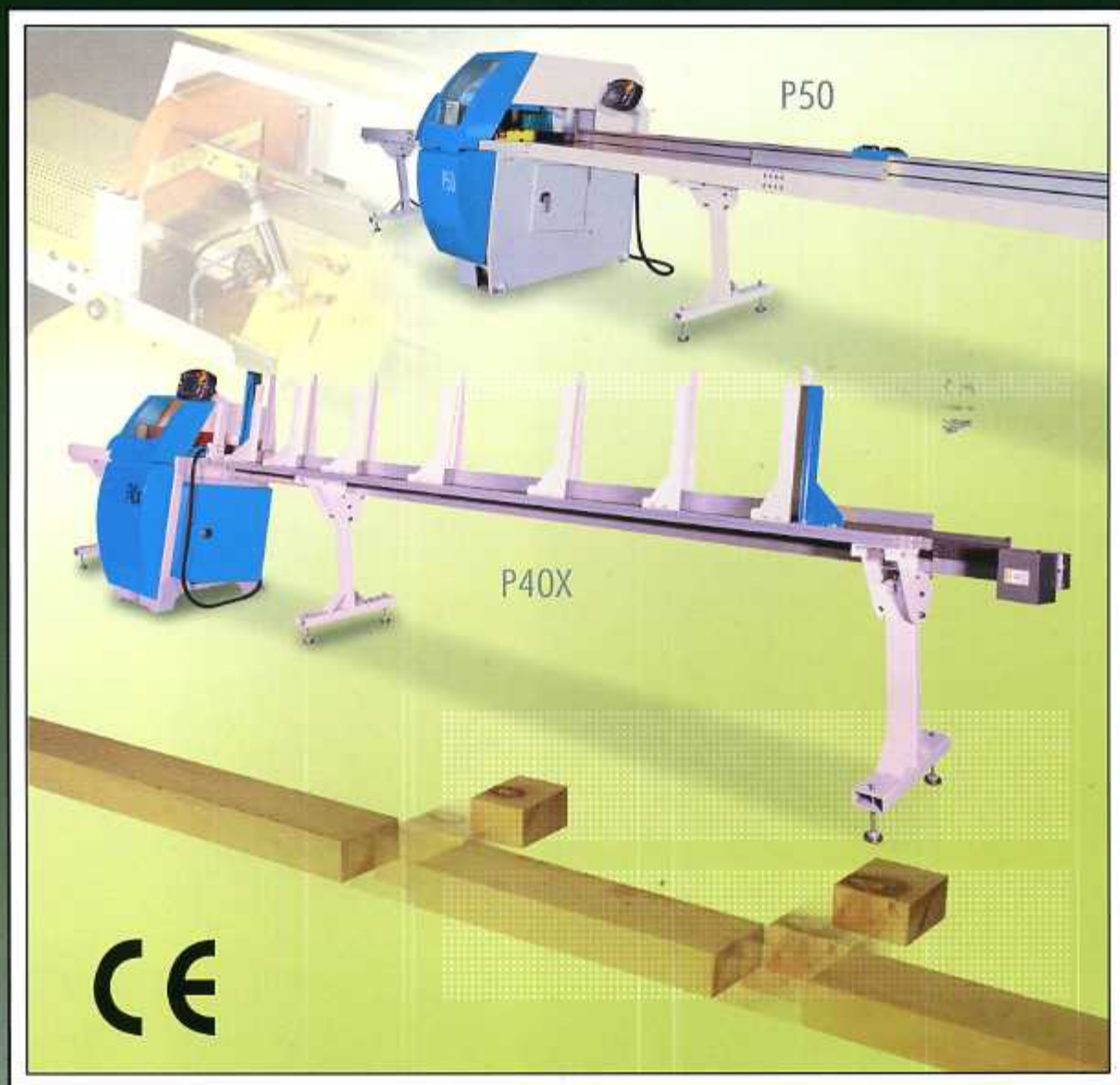


# AUTO. PROGRAM CUT-OFF SAW



The new high precision, compact Auto. Programmable & Position Cut-Off Saw Series is now available from HOLYTEK. These very easy to operate saws provide high speed feed up to 60 m/min. and high cutting accuracy within  $\pm 0.1$  mm using servomotor control and a micro-computer setting device.

**HOLYTEK**

# AUTOMATIC PROGRAMABLE CUT-OFF SAW



## P40



### Features:

- PLC controlled automatic fence driven by servomotor.
- Straight feeding of workpieces is ensured because of the tilting feeding table. This eliminates any skew.
- Safety guards ensure safe operation and low noise.
- Comprehensive protection features, High torque and high speed response capability is ensured because of the compactly constructed servomotor and driver.
- The advanced servo control system ensures that various cutting requirements can be met. Defective part cutting and fixed size cutting is easily achieved.
- Tough cutting problems are easily solved because of the fast processing speed, Cutting accuracy up to  $\pm 0.1$  mm. and high stability.
- Ideal for mass material preparation and finger jointing.



### Automatic Positioning Sys

The fast-moving pusher reaches a m/min with perfect positioning. Employs to ensure high torque and a high speed

### Optional Equipment:

#### Auto Tracer (Defect Cutting) System

- A fluorescent pen is used to mark off unwanted parts of the material which is later cut off with the aid of a sensor.



This section is acted as auto defect cutting program. Uses a fluorescent crayon to mark the front and back of defect parts for the cutting line.



It can also be used to set one desired cutting size between the defect parts automatically.





P50



**Side Alignment**

- Accurate cutting size  
pneumatic alignment  
the material against



em  
imum distance of 60  
servomotor and driver  
esponse.



P40x

**AUTOMATIC PROGRAMABLE CUT-OFF SAW WITH FEED**



### Servomotor System

- The positioning device uses the servomotor system. Its advantage is fast movement and accurate positioning.



is assured with the  
device which pushes  
the fence.

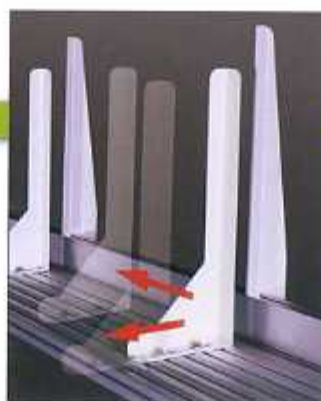


### (Patented) Side Alignment

- Specially designed flip able side alignment device enables narrow or quick flip up for wider material without wasting any time.



# P50x



### (Patented) Auto Feed Magazine

- Designed for automatic hopper feeding with repeated cutting cycle by the pusher.

## MAGAZINE

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### FUNCTION

This section is acted as a stopper for single size cutting. Just key in the desired size for the cutting length or choose the size from the 10 sets of memory.



### AUTO SINGLE

This section is acted as single size with multiple cutting quantities. Key in the desired cutting length, material length and the pusher will move to the size every time for the auto cutting cycle.



### MULTIPLE

This section is acted as multiple sizes and multiple quantities by automatic cutting cycle. Key in the material length, trim size, desired cutting size and quantity. The program will show the length of remaining material automatically. 50 set memories with 10 sets each of cutting length and quantity memories.



### Graphic Interface System

- The graphic interface system features easily understandable setup functions allowing the user to instantly operate this micro-computer device.



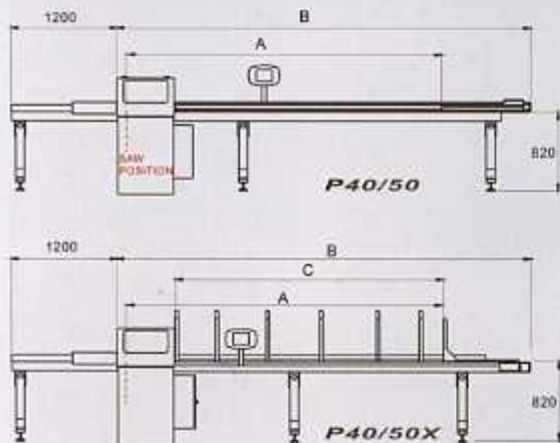
### Touch Screen

- The buttons on the touch screen allow for practical understanding thereby best utilizing this device.



# HOLYTEK

## Great Touch Screen Interface and Micro-computer Control

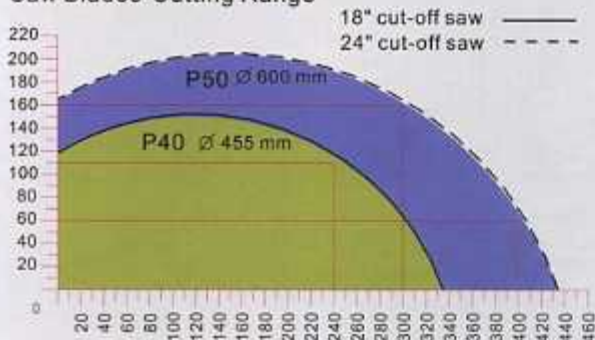


### SPECIFICATIONS

	P40/40X	P50/50X
Main Shaft Motor	10HP (7.8KW)	
Feeder Motor(Servo)	400w (servo)	
Feeder Speed(Servo)	10-60 m/min	
Main Sawblade Size	455mm x 3.4mm x 1"	600mm x 4.0mm x 1"
Main Sawblade R.p.m.	3700 r.p.m	2000 / 2800 r.p.m
Standard Air Pressure	6-8kg/cm2	

\* To ensure technological excellence, specifications are subject to change without prior notice.

### Saw Blades-Cutting Range



	A	B	C	D	E
P40 / P50 - 3500	3500	4670		P40/X 1300	1000
4500	4500	5670		P50/X 1600	1400
5500	5500	6670			
6500	6500	7670			
P40 / P50X - 3000	3500	4670	3000		
4000	4500	5670	4000		
5000	5500	6670	5000		
6000	6500	7670	6000		

# Auto Programmable Position Devices for Different Machines



Automatic Programmable 45 Double Miter Saw



Automatic Programmable Radial Arm Saw



Automatic Programmable Boring Machine & Oscillation Mortiser



Automatic Programmable Miter Saw



## HOLYTEK

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# AUTOMATIC PROGRAMMABLE CUT-OFF SAW

## S-450 / S-600

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	15~80 m/min
Table height from floor	880 mm	880 mm
Working air pressure	5~7 kg / 80 cm <sup>2</sup>	5~7 kg / 80 cm <sup>2</sup>
Net weight	420 kg	580 kg
Gross weight	550 kg	670 kg
Packing dimensions (LxWxH)	890 x 1080 x 1850 mm	930 x 1420 x 1850 mm

\* Specifications, dimensions and design characteristics shown in this catalog are subject to change without prior notice.

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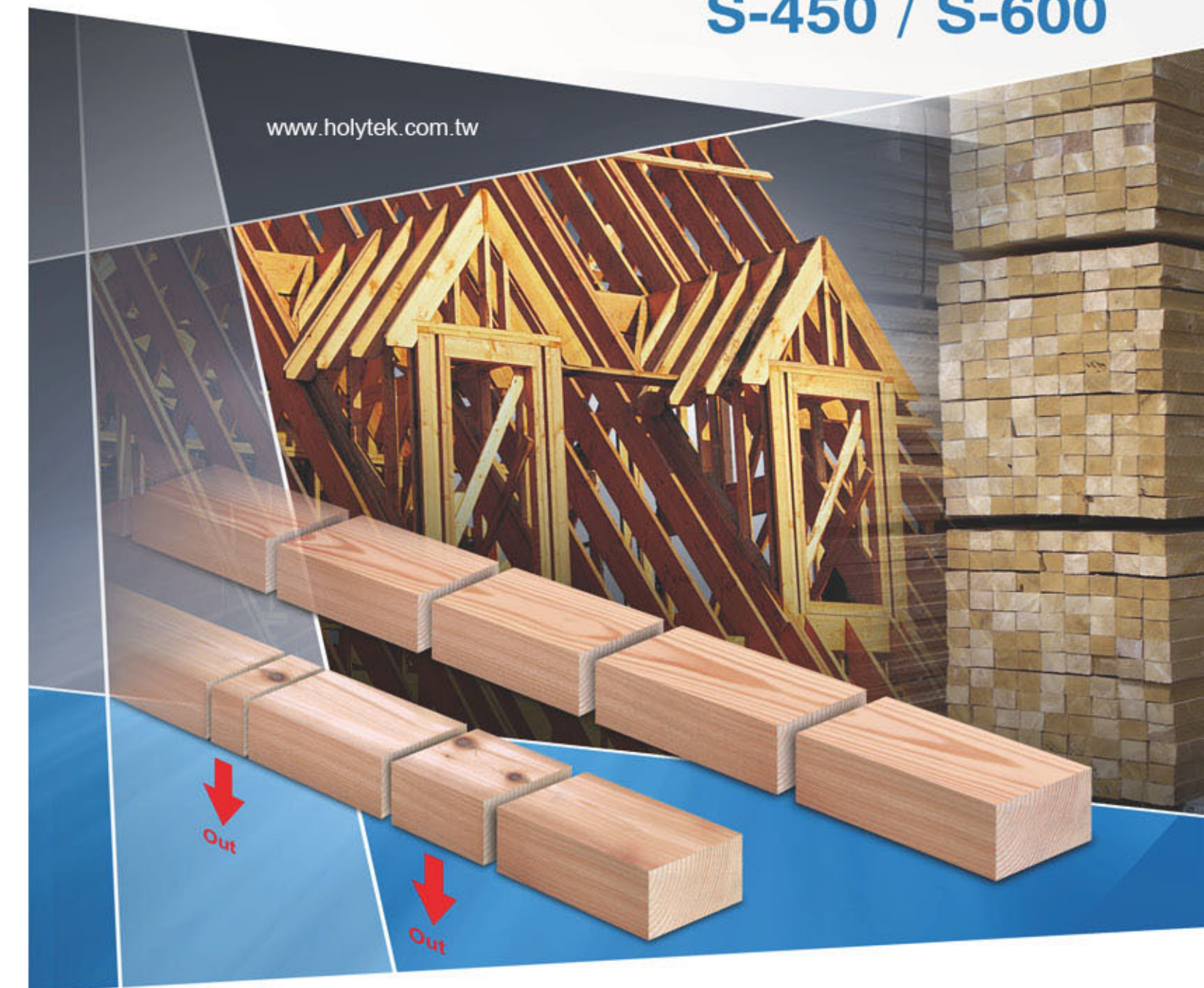
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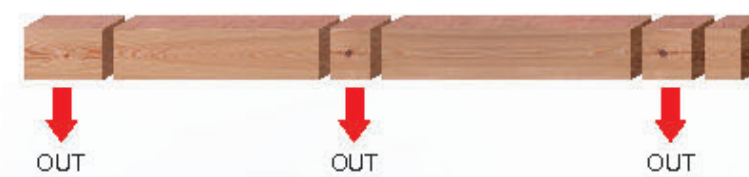
# S-450 / S-600

# Automatic Programmable Cut-off Saw

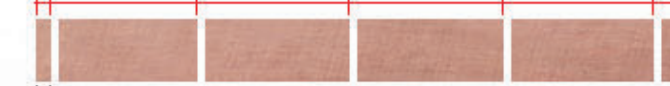
## Advanced Servo Controlled System

- Performing defective part cutting and fixed size cutting for meeting various cutting requirement.
- Fast processing speed \ high stability and cutting accuracy to  $\pm 0.5$  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

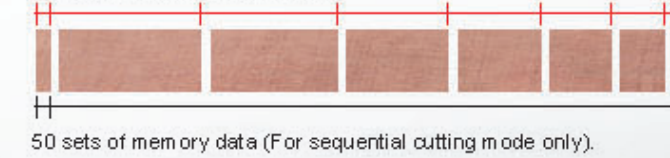
Marking lines cutting mode



Constant length of cutting mode



Sequential cutting mode



Marking lines cutting mode

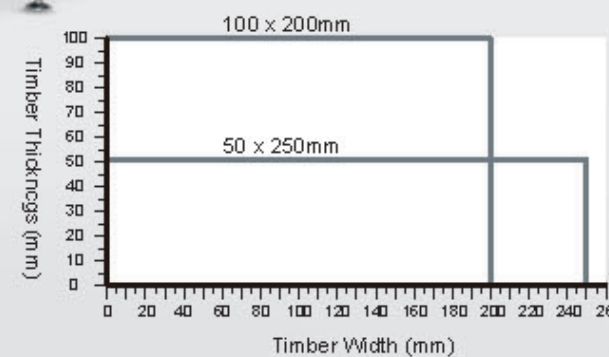


S-450

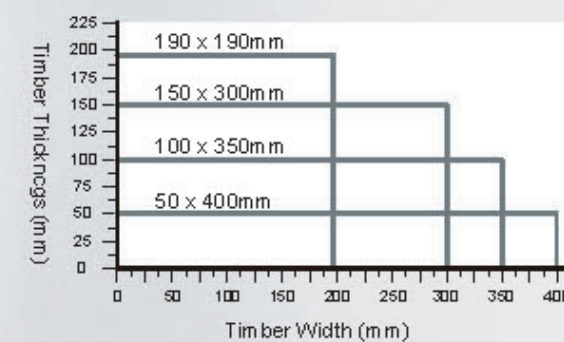


S-600

S-450 Cutting Capacity (T x W)



S-600 Cutting Capacity (T x W)



### 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

