

## Specifications:

Standard Equipment	FCS-18S	FCS-24S	Optional Equipment
Cycle cutting speed	45 strokes/min	40 strokes/min	<ul style="list-style-type: none"> <li>• Sawblade</li> <li>• Infeed and outfeed roller conveyor. (length as required)</li> <li>• Safety guard</li> <li>• Safety bar</li> </ul>
Cycle operation	Pneumatic	Pneumatic	
Saw blade size (optional)	ø18"	ø20", ø22", ø24"	
Saw arbor diameter	ø1"	ø1"	
Saw blade speed	3600 RPM	2300 RPM	
Dust exhaust diameter	ø4"	ø4"	
Motor	7.5 HP	7.5 HP (10 HP optional)	
Table size	660 x 700 mm	1150 x 660 mm	
Net weight	350 kgs	480 kgs	
Gross weight	410 kgs	560 kgs	
Packing dimensions (L x W x H)	940 x 850 x 1350 mm	1350 x 900 x 1450 mm	

Standard Equipment	FCS-30S	FCS-36S	Optional Equipment
Cycle cutting speed	10~15 strokes/min	10~15 strokes/min	<ul style="list-style-type: none"> <li>• Sawblade</li> <li>• Infeed and outfeed roller conveyor. (Length as required)</li> <li>• Safety guard</li> <li>• Safety bar</li> </ul>
Cycle operation	Pneumatic	Pneumatic	
Saw blade size (optional)	ø30"	ø36"	
Saw arbor diameter	ø2"	ø2"	
Saw blade speed	1600 rpm	1500 rpm	
Dust exhaust diameter	ø5" x (2)	ø5" x (4)	
Motor	15 HP (20HP optional)	25 HP	
Table size	1280 x 820 mm	1460 x 880 mm	
Net weight	650 kgs	1120 kgs	
Gross weight	770 kgs	1300 kgs	
Packing dimensions(LxWxH)	1430 x 1030 x 1650 mm	1600 x 1080 x 1950 mm	

Standard Equipment	FCS-20ST	FCS-24ST	Optional Equipment
Table swivel angle	+45° ~ 0° ~ -45°	+45° ~ 0° ~ -45°	<ul style="list-style-type: none"> <li>• Sawblade</li> <li>• Infeed and outfeed roller conveyor. (Length as required)</li> <li>• Safety guard</li> <li>• Computerized automatic sizing for outfeed. (Length as required)</li> </ul>
Cycle cutting speed	30~45 cuts/min	35~40 cuts/min	
Saw blade size (optional)	ø20"	ø24"	
Saw arbor diameter	ø1"	ø1"	
Saw blade speed	3100 rpm	2300 rpm	
Dust exhaust diameter	ø4" x (2)	ø4" x (2)	
Motor	7.5 HP	10 HP	
Table size	920 x 630 mm	1150 x 750 mm	
Net weight	540 kg	810 kg	
Gross weight	660 kg	960 kg	
Packing dimensions(LxWxH)	1360 x 1080 x 1660 mm	1500 x 1360 x 2000 mm	

• Specifications and design characteristics are subject to change without prior notice.



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# FULLPOWER

## CUT OFF SAW

Speed, Efficiency, Accuracy !





# FULLPOWER Cut Off Saw

## MOD:FCS-18S

### FEATURES:

- Cutting off capacity (thickness x width): 2" x 12", 3" x 11", 4" x 10"
- Stripped table surface is precision ground, assuring cutting accuracy.
- Picture shown left-hand model is standard.
- Right hand model optional.
- Fast cutting rate up to 81 strokes per minute. Cycle speeds are adjustable.
- Motion cycles are pneumatically operated, and conveniently controlled by a foot switch.
- Powerful, high torque 7-1/2HP motor drive.
- 18" sawblade is optional
- Clamp is easily adjusted for workpiece thickness variation.
- Easy belt tension adjustment or replacement.
- High stability at fast cutting rates.
- Infeed and outfeed roller conveyors are optional.
- Convenient cycle speed adjustment from outside the machine is available.
- A version model FCS-18S is available for cutting aluminum and acrylic material.



### 18" SAFETY SWITCH (Optional)

When the operator's hands approach the cutting area, the safety switch will automatically be actuated to stop the machine as a safety guard.



### SAFETY GUARD FOR FCS-18S/24S (Optional)

The 18" & 24" cut off saws feature complete safety for fast cutting operations. The sawblade is totally enclosed in the cabinet, and covered by the clamp while it raises to perform cutting. The optional see-through side guard prevents the operator's hands from approaching the cutting area. This assures the safest cutting operations.



## MOD:FCS-24S

### FEATURES:

- Cutting off capacity (thickness x width): 2" x 21", 4" x 19", 6" x 15", 8" x 8"
- Motion cycles are pneumatically operated, and conveniently controlled by a foot switch.
- 24" sawblade is optional
- Convenient cutting thickness adjustment is made by means of a knob. A rule gauge is provided for correct reading of sawblade protrusion over the table.
- Hinged guard holds workpiece securely.
- Fast cutting rate up to 45 strokes per minute. Cycle speeds are adjustable.
- Picture shown left-hand model is standard. Right-hand model optional.
- Powerful, high torque 7-1/2HP motor drive
- Easy belt tension adjustment or replacement.
- Infeed and outfeed roller conveyors are optional.



### Extension Stop

Extension stop is provided on the outfeed roller conveyor, providing convenient length stops. It is ideal for repetitive cuts in a mass production line.



### Left Infeed Model (Optional)



### ▲ Infeed and Outfeed Roller Conveyor (Optional)

- Infeed and outfeed fence surfaces are precision ground.
- Equipped with an anti-bump rubber to prevent serious bumping of clamp.



# FULLPOWER Cut Off Saw

## MOD:FCS-30S

### FEATURES:

- Cutting off capacity (thickness x width): 2" x 26", 4" x 24", 6" x 20", 8" x 15", 9-3/4" x 9-3/4"
- Motion cycles are pneumatically operated, and conveniently controlled by a foot switch. (Double hands pressing is available [optional])
- 30" sawblade (optional)
- Normal cutting thickness adjustment is made by means of a knob. Adjusting cutting size according to scale.
- Fast cutting rate up to 10~15 times per minute. Cycle speeds are adjustable.
- Picture shown left-hand model is standard. Right-hand model (optional).
- Powerful 15HP motor drive (optional: up to 20HP)
- Easy belt tension adjustment or replacement.
- Infeed and outfeed roller conveyors (optional).



## MOD:FCS-36S

### FEATURES:

- Cutting off capacity (thickness x width): 2" x 33", 4" x 30", 6" x 28", 8" x 24", 10" x 19", 12" x 12"
- The machine accommodates  $\varnothing 36"$  sawblade for great cutting capacity.
- Cutting speed 10~15 cuts/min.
- 25HP powerful sawblade motor.
- Equipped with a delay timer for safety protection.
- Easy to adjust or replace transmission belt.
- Available to equip with powered roller conveyor table.
- Rugged machine construction for maximum stability.



### Four Dust Hood Outlets

- The machine is equipped with 4 dust hood outlets with  $\varnothing 5"$  diameter, providing a dramatic increase in dust suction efficiency.

### Pneumatic Side Pressure Device (Optional)



### Safety switch

- Once the sawblade stopswitch is pressed, the timer can control the safety door opening time. The safety door can't be opened until about 2 minutes, which may prevent the operator from touching the running sawblade.



### Manual Lubricator For Clamp Slid Way





# FULLPOWER High Speed Cut Off Saw With Swivel Table

## MOD:FCS-20ST / FCS-24ST

*High Speed Cut Off Saw...*  
Speed, Efficiency, Accuracy

**FULLPOWER** FCS-20ST / FCS-24ST are a high productivity, high accuracy, high speed cut off saw. It's specially designed rotary table makes angular cutting easy and quick.

### FCS-20ST FEATURES:

- Cutting off capacity (thickness x width): 2" x 11", 3" x 10", 4" x 9", 5" x 8", 6" x 6"
- The machine uses  $\varnothing 20$ " sawblade.
- Cutting speed: 35~40 cuts/min.
- The table can be swiveled to max. 45° rightward and leftward.
- The clamping mechanism is mounted with linear guide ways.

### FCS-24ST FEATURES:

- Cutting off capacity (thickness x width): 1" x 14-1/2", 2" x 14", 3" x 13-1/2", 4" x 12-1/2", 5" x 12", 6" x 10-1/2", 7" x 9", 8" x 7-1/2"
- The machine uses  $\varnothing 24$ " sawblade.
- Cutting speed: 30~35 cuts/min.
- The table can be swiveled to max. 45° rightward and leftward.
- The clamping mechanism is mounted with linear guide ways.



**FCS-20ST**



### Computerized Automatic Sizing System (Optional)

- The sizing system is driven by a servo motor combined with the use of linear guide way, that enables the stop unit to move fast and position accurately.
- Aluminum alloy guide way features maximum durability, elegance and light weight.
- Length can be made to meet customer's requirement.
- Operation of the conveyor table is controlled on the screen. The multi-function controller provides accurate and fast sizing control.



### Rotary Table

- The table can be swiveled to right and left with maximum 45° angle. This allows for angular cutting.
- The table is equipped with a lock pin, allowing the table to fast position at 45°.
- Table surface is precision ground.



### Precision, Quick Clamping Mechanism

- The clamping mechanism is driven by an air cylinder in combination with the use of linear guide ways, that exhibit fast and smooth clamping motions.



### Infeed & Outfeed Fence

- Infeed and outfeed fence surfaces are precision ground.
- Equipped with an anti-bump rubber to prevent serious bumping of clamp.



### Infeed and Outfeed Roller Conveyor Table (optional)

### Roller Conveyor And Splash Guard (Optional)

