

TS UP-CUT AND TS CROSS-CUT SAWS



Model TS-724

AUTOMATIC CUTTING WITH ACCURACY AND EASE

Conair TS Up-Cut and Cross-Cut Saws offer improved performance, larger standard cut capacities and a redesigned cabinet for easier servicing.

The TS Traveling Saw, in either configuration, accurately follows the process to cut pipe or custom profiles to length as the product moves through the extrusion line, eliminating the need for a secondary cutting operation. Up-cut is typically used for pipe and generally offers more cuts per minute, while cross-cut saws feature a wider sawing capacity and finer cut quality.

TS Up-Cut and Cross-Cut Saws are available in a variety of sizes and configurations.

FOLLOWS THE PROCESS FOR ACCURACY

Quality materials and workmanship go into every TS Saw. The combination of heavy-duty, steel-welded design and construction offers you the most reliable saw operation with the least amount of maintenance.

The arbor motor on the TS Saw eliminates all belts in the motor drive train reducing machine maintenance and allowing for higher blade rotation speeds leading to faster cycle times. All TS Saws come standard with carbide tipped blades for prolonged durability and resistance to product melting. Application specific blade styles are also available from Conair to optimize your TS Saw's performance with various types of extruded material.

A newly integrated heavy-duty precision linear bearing system improves table top travel consistency and operation.

Standard table travel is 20 and 24 inches {508 and 610 mm}. Longer table travel is available as an option. All saw models are supplied with guarding for safe operation.

■ Reduced machine maintenance

A heavy-duty precision linear system provides smooth and consistent table top movement.

■ Precision cut lengths

Optional servo table travel with planetary reducers and a heavy-duty timing belt eliminates costly secondary operations, offers extreme cut-to-length repeatability and eliminates pneumatic adjustments for table travel.

■ Increased productivity

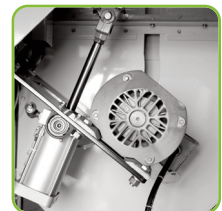
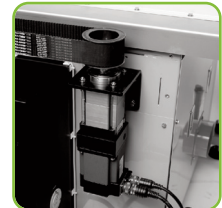
Eliminating the use of belt and pulley arrangements, the simplified arbor motor design reduces maintenance and increases blade surfacing motion allowing you to run faster line speeds. Variable blade speed is standard.

■ Wide-open access

TS Saws feature access door panels for easy servicing. A Nema-12 electrical enclosure with rotary lockable disconnect, a redesigned table top blade guard and an improved blade shroud design for ease of vacuum dust/chip removal are just a few of Conair's new innovations.

■ Easy to navigate touch screen

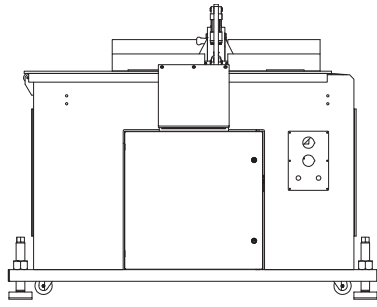
Front-mounted touch screen control allows you to start and stop the saw, adjust blade travel, cutting speed and clamping pressure from one convenient location.



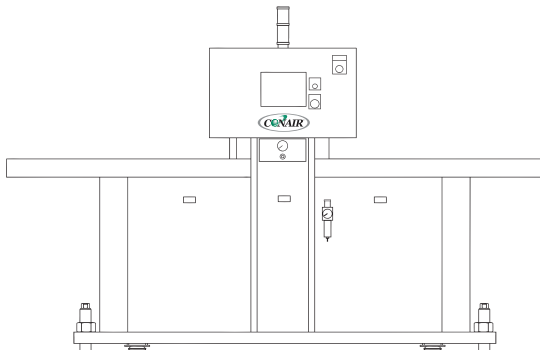
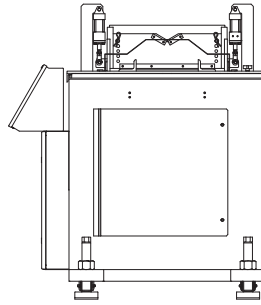
SPECIFICATIONS

TS UP-CUT AND TS CROSS-CUT SAWS

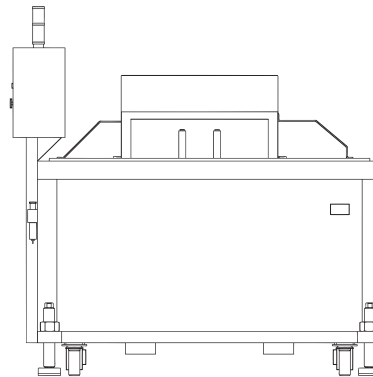
Front view, up-cut



Side view, up-cut



Front view, cross-cut



Side view, cross-cut

OPTIONS

- Special power: 380/3/50 or 575/3/60.
- Electronic cut to length measuring system with digital automatic reset counter and encoder for mounting to customer puller.
- Chip collection system with 2 hp vacuum unit.
- Servo drive package for saw table travel. System uses an AC servo motor with a precision planetary gear drive assembly.
- Left-to-right extrusion direction.
- Special non-automotive paint.

MODELS	TS524UP	TS724UP	TS924UP
Performance characteristics			
Applications	Pipe or Profile	Pipe or Profile	Pipe or Profile
Pipe diameter capacity in. {mm}	5 {127}	7 {178}	9 {228}
Profile capacity in. {mm} HxW*	1x28.5 {25.4x724}	2x16 {50.8x406}	2.75x23 {69x584}
Blade diameter in. {mm}	18 {457}	23 {584}	27 {686}
Blade type	carbide tipped	carbide tipped	carbide tipped
Blade drive motor Hp {kW}	3 {2.4}	3 {2.4}	5 {3.73}
Blade speed	Variable blade speed standard on all models†		
Dimensions inches {mm}			
Height to centerline	42 {1067}	42 {1067}	42 {1067}
Maximum table travel	24 {609}	24 {609}	20 {508}
Electrical requirements			
230V/3 phase/60 Hz or 460V/3 phase/60 Hz			

SPECIFICATION NOTES:

* Profile capacity HxW dimensions are provided for guidance only. The actual capacity can vary depending on the profile you are attempting to produce.

† Maximum blade surface speeds are individually configured based on each models blade diameter

These tables define standard configurations only.

Specifications can change without notice. Contact a Conair representative for the most current information.

MODELS	TS62020CC	TS63020CC	TS103020CC
Performance characteristics			
Applications	Profile	Profile	Profile
Pipe diameter capacity in. {mm}	6 {152.4}	6 {152.4}	10 {254}
Profile capacity in. {mm} HxW*	6x20 {152x508}	6x30 {152x762}	10x30 {254x762}
Blade diameter in. {mm}	20 {508}	20 {508}	30 {762}
Blade type	carbide tipped	carbide tipped	carbide tipped
Blade drive motor Hp {kW}	3 {2.4}	3 {2.4}	5 {3.73}
Blade speed	Variable blade speed standard on all models†		
Cuts per minute @ line speed fpm {m/min} (max product size)	8 @ 10 {3.05}	6 @ 10 {3.05}	3 @ 10 {3.05}
Dimensions inches {mm}			
Height to centerline ±2 {±50.8}	42 {1067}	42 {1067}	42 {1067}
Maximum table travel	20 {508}	20 {508}	20 {508}
Electrical requirements			
230V/3 phase/60 Hz or 460V/3 phase/60 Hz			

