



Model MST-6

# ACCURATE CUTTING; INCREASED PRODUCTIVITY

MST Traveling Cut-Off Saws accurately cut pipe, rigid tubing or custom profiles to length as the product moves through the extrusion line, eliminating the need for secondary cutting operation.

The simple operator interface, with front-mounted controls, increases productivity by reducing training time. MST saws are available in a variety of sizes and configurations, including the standard pneumatic or optional servo controlled saw table.

## HEAVY-DUTY CONSTRUCTION FOR LOW MAINTENANCE

Quality materials and workmanship go into every MST saw. Designed to operate with low maintenance in most production situations, each saw features heavy-duty, steel-welded construction. All components have been plated, painted or built to resist corrosion.

Carbide tipped blades that have a greater number of teeth to resist product melt are standard. Custom blade styles are available.

You also can order the optional cut-length programmer and chip collection system to reduce initial setup and maintenance time.

### ■ Multi-position clamps, guides

Rubber clamping pads have quick-change pins for easy and fast adjustment to match a variety of extrusion shapes. Adjustable front and rear roll guides to feed product.

### ■ Easy-to-use controls

Start and stop the saw, adjust blade travel, cutting speed and clamping pressure from front-mounted controls.

### ■ Casters and leveling screws

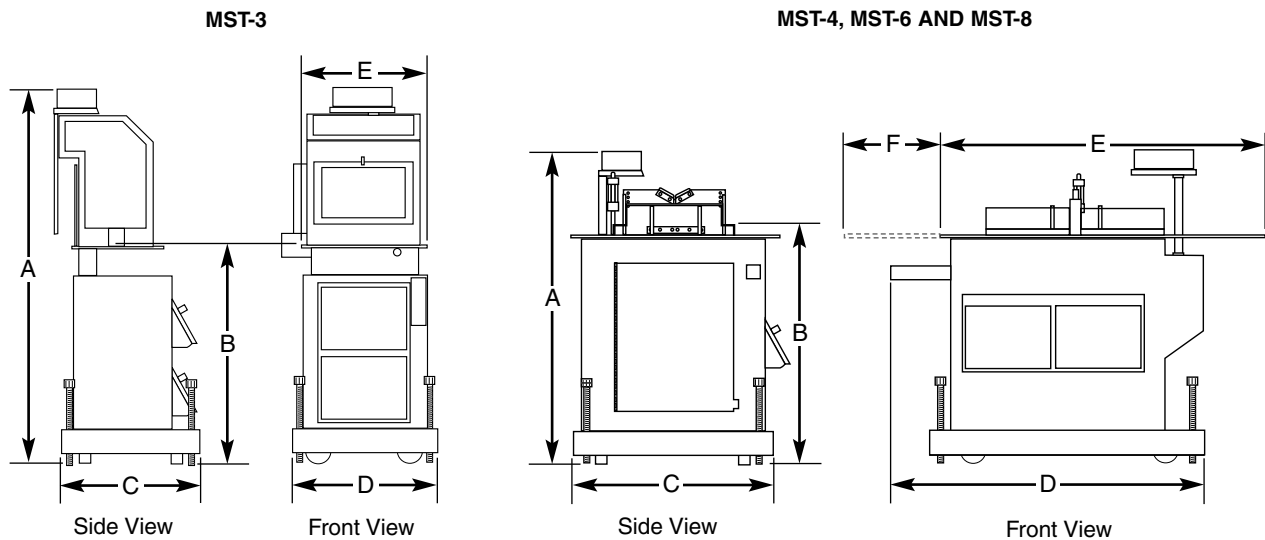
Roll the saw into place on casters, then anchor the saw and adjust the centerline height using the leveling screws.

### ■ Automatic cutting cycle

Once you set the clamp pressure, cutting speed and blade travel, the saw cycles automatically. Add the optional cut length programmer to automatically cut to a pre-set length.

**SPECIFICATIONS**

**MST SERIES**



MODELS	MST 3	MST 4	MST 6	MST 8
<b>Performance characteristics</b>				
Pipe capacity in. {mm} dia.	3 {76.2}	4 {101.6}	6 {152.4}	8 {203.2}
Profile capacity in. {mm} HxW*	3.25x3.25 {83 x 83}	2.5x7 {64 x 178}	4x12.5 {102 x 318}	9.25x14 {235 x 356}
Blade size in. {mm}	10 {254}	12 {305}	18 {457}	24 {610}
Blade type	carbide tipped	carbide tipped	carbide tipped	carbide tipped
Blade drive motor Hp {kW}	1.5 {1.2}	1.5 {1.2}	3 {2.4}	5 {3.7}
Feed direction†	Right-to-left	Right-to-left	Right-to-left	Right-to-left
<b>Dimensions in. {mm}</b>				
A - Height	70 {1778}	57.2 {1453}	55.2 {1402}	54.7 {1389}
B - Height to centerline	40 {1016}	40 {1016}	40 {1016}	40.4 {1026}
C - Width	26 {660}	24 {610}	32 {813}	48 {1219}
D - Length	30 {762}	48.13 {1223}	50.25 {1276}	60.25 {1530}
E - Table Length	24 {610}	52 {1321}	52 {1321}	62 {1575}
F - Table Travel	17 {432}	16.6 {422}	15.5 {394}	17.5 {445}
<b>Weight lb {kg}‡</b>				
Installed	750 {340}	575 {261}	825 {374}	1700 {771}
Shipping	850 {386}	675 {306}	925 {420}	1800 {817}
<b>Voltage Total Amps§</b>				
230V/3 phase/60 Hz	4.8 A	4.8 A	8.8 A	13.8 A
460V/3 phase/60 Hz	2.4 A	2.4 A	4.4 A	6.9 A
575V/3 phase/60 Hz	2.3 A	2.3 A	3.6 A	5.6 A
<b>Compressed air requirement</b>				
Pressure psi {bars}	80 {5.52}	80 {5.52}	80 {5.52}	80 {5.52}
Consumption ft <sup>3</sup> /m {liter/sec}	5 {2.4}	5 {2.4}	7 {3.3}	8 {3.8}
NPT fitting size	3/8 in.	3/8 in.	3/8 in.	3/8 in.

**SPECIFICATION NOTES:**

- \* The HxW dimension is provided for guidance only. The actual capacity can vary depending on the profile you are trying to produce.
  - † Left-to-right feed direction is available as an option.
  - ‡ If the optional chip collection system is ordered, add 50 lb. {22.7 kg} to the installed and shipping weights.
  - § The optional chip collection system adds 3.7 A on 230V models; 1.6 A on 460V models; and 1.4 A on 575V models.
- Specifications may change without notice. Check with a Conair representative for the most current information.

