

Dual-Blade, Shear Tube Recut Machines

Models: 803, 871, 873, 874, 875

Specifications

	Model 803	Model 871	Model 873	Model 874	Model 875
Cutting Capacity:	<i>Round</i> – .125"-.750" (3mm – 19mm) <i>Square</i> – .50" (12.7mm)	<i>Round</i> – .187" – 1.50" (5mm – 38mm) <i>Square</i> – 1" (25mm)	<i>Round</i> – .50" – 3.0" (13mm – 75mm) <i>Square</i> – 2.125" (54mm)	<i>Round</i> – .50" – 4.0" (13mm – 102mm) <i>Square</i> – 2.82" (74mm)	<i>Round</i> – 1.0" – 5.0" (25mm – 127mm) <i>Square</i> – 3.375" (95mm)
* Rectangle size for each model – derived within maximum diameter capacity(consult with Haven)					
Max. Wall Thickness:	.060" (1.5mm)	.094" (2.4mm)	.120" or .160" (3mm) or (4mm)	.100" or .130" (2.54mm) or (3.30mm)	.120" or .165" (3mm) or (4mm)
Cycle Rate	5,000 cycle/hour	5,400 cycle/hour	4,200 cycle/hour	3,800 cycle/hour	2,200 cycle/hour
Controls	Allen Bradley or Siemens Microprocessor	Allen Bradley or Siemens Microprocessor	Allen Bradley or Siemens Microprocessor	Allen Bradley or Siemens Microprocessor	Allen Bradley or Siemens Microprocessor
Cut Tube Lengths (Min.-Max.)	Programmable (servo) 2.0" up to 120" (target) (50mm up to 3000mm)	2.0" up to 120" (50mm up to 3000mm)	2.0" up to 120" (50mm up to 3000mm)	2.0" up to 120" (50mm up to 3000mm)	4.0" up to 120" (100mm up to 3000mm)
Cut Length Tolerance	± .015" (.38mm) servo ± .010" (.25mm) target	± .010" (.25mm)	± .010" (.25mm)	± .010" (.25mm)	± .015" (.38mm)

Note: All figures subject to change per specific application.

Integrated Options:

- Automatic Bundle Loader-Unscramble for tubes up to 40 feet (12m)
- Manual, lead screw or servo length control
- Coiled tube feeding with tube straightening
- Automated transfer systems to secondary processes
- Secondary processes
 - Wire Brush Deburring - [click for more info](#)
 - Double End Chamfering and Facing - [click for more info](#)
 - Measuring and Inspection Systems - [click for more info](#)
 - Tube Packaging Systems - [click for more info](#)
- Models #871 and #873 available in manually operated versions - [click for more info](#)

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