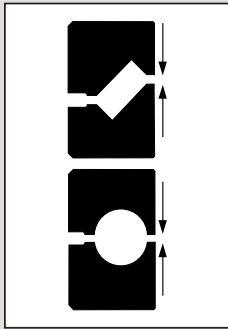
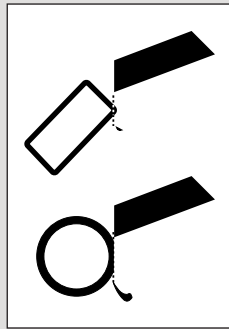


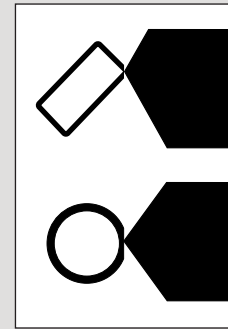
Shear Cut Technology



Clamping dies hold the tube securely to prevent damage and maintain precise cutting tolerance.



Notching blade, if required, makes the initial scarfing cut as the parting blade stroke is initiated.



The parting blade enters through the scarf and shears the tube cleanly.

Specifications

	Model 891	Model 893	Model 895
**Maximum Tube Size:	Tubular shapes that fit approximately within a 1.50" (38.1mm) diameter.	Tubular shapes that fit approximately within a 3.50" (89mm) diameter.	Tubular shapes that fit approximately within a 5.00" (127mm) diameter.
Maximum Wall Thickness:	.080" (Heavier wall option available)	.080" (Heavier wall option available)	.120" (Heavier wall option available)
Cycle Time:	(excluding load/unload) 4-6 seconds	(excluding load/unload) 4-6 seconds	(excluding load/unload) 4-6 seconds

*See Technical Manuals for more detailed specifications

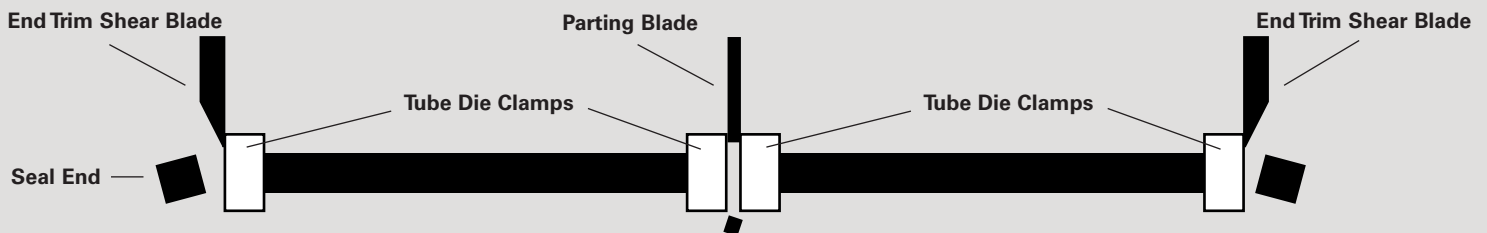
**Maximum sizes may vary with shape and corner radius. Haven engineering will review parts for feasibility.

***Machines are also available for larger tubular shapes. Please enquire with Haven.

Haven Manufacturing Corporation has thirty years of experience utilizing the dual-blade shearing process to cut tubing. We are now pleased to offer our expertise and technology to trim and part fabricated tubes. For the hydroforming industry, where "seal ends" need to be trimmed off and parting cuts are required, our engineers can evaluate each part for trimming and parting feasibility. If required we can build special bases with multiple cutting heads to perform up to three cuts simultaneously. Custom designed part transfer systems from the hydroform press through the parting and trimming operation are also available. Integrated production lines can utilize customer supplied electronics and hydraulics when required.

These machines are also used in the tube bending industry to produce multiple parts from a single bent tube, or when end trims are required. The machine base is adaptable to affix a variety of part fixtures.

Multi Head Machines for Special Applications/Hydroformed Tubes



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