



Vulcan Tool Company

Automatic Tube Cutting Equipment

With Brehm® Supported Shear Technology

Brehm®
Tube Cutters for
High Speed, Burr-Free
Cut-Off with No Waste
Between Cuts

Machine System Features:

- Scrap Separator
- ID Oiler
- Quickpanel Programmable Touchscreen Operator Interface
- Sony Digital Length Adjustment
- Servo Driven Length Adjustment (Requires Quickpanel Option)
- Optional In-Process Length Measurement and Gauging



3 1/2" Model with Quickpanel Option

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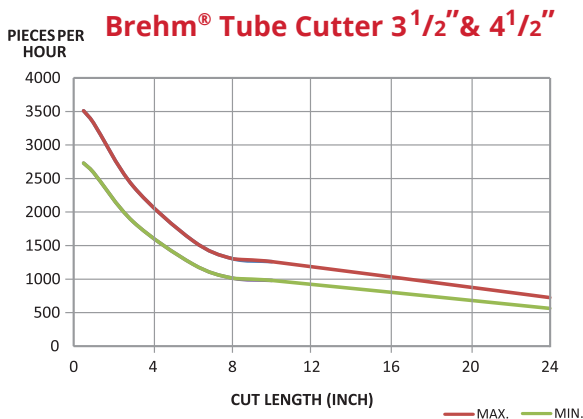
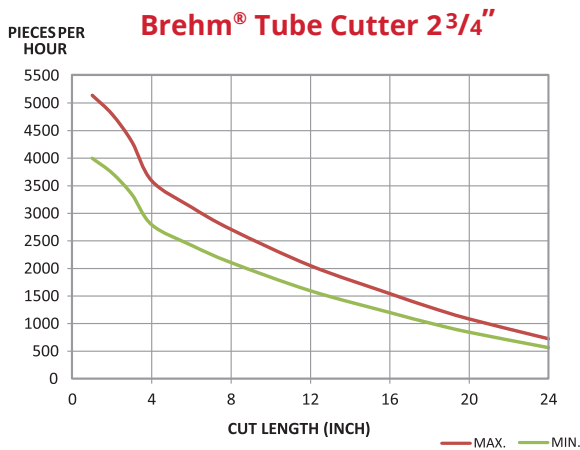


- High Production - High Speed Cut-Off
- Fully Automatic
- Standard machine cuts to length from under 1" up to 24"
- No material loss between cut pieces
- Commercially Burr-Free, with little to no distortion
- Cuts length to tolerances in thousandths
- High speed cut-off of tubing ranging from 1/2" OD up to 6" OD
- Brehm model sizes include: 2 1/4", 3 1/2", 4 1/2"
6" model available: Please inquire
- Each model cuts sizes up to the specified OD



Tubes being loaded for high-speed cutting process.

Production Capacity Examples



Tube Cutting Capacity Example

The maximum wall thickness that can be cut in the tube diameters is governed by the construction of the tooling. It should not exceed 8% of the tube OD or the hydraulic cutting capacity of each machine. The following are maximum wall thicknesses for cutting mild steel:

2 3/4" Model		3 1/2" & 4 1/2" Model	
Tube OD	Maximum Tube Wall	Tube OD	Maximum Tube Wall
3/8"	.030	1"	.080
5/8"	.100	1 1/4"	.100
1"	.080	1 1/2"	.120
1 1/2"	.120	2"	.160
1 3/4"	.110	2 1/2"	.200
2"	.195	3"	.170
2"	.095	3 1/2"	.145
2 1/2"	.075	4"	.125
2 3/4"	.065	4 1/2"	.110

