

Outstanding machine features include:

Hydraulic feed systems.

Model 912's and 950's feed is positive, precise, and fast at any machine speed. A length tolerance of $\pm .005$ or better can be expected.

AC frequency spindle drive.

The variable speed drive with tachometer and energy efficient motors lets the operator dial in precise RPM for a given tube size. The low maintenance compared to belt drives increases machine uptime and total piece production.

Quick change carbide inserted cutters.

The cutters use a standard carbide insert usable in nine different locations. Changing cutters or carbide inserts can be accomplished in minutes.

Length Adjustment.

Since one cutting head is stationary, the opposite head adjusts in or out on hardened precision machine ways to a specified length. Automatic head lock-up and a digital length readout are standard machine features.

Specifications

MODEL 912 END FINISHING MACHINE		MODEL 950 END FINISHING MACHINE	
TUBE DIAMETER:	1/2" - 3"	TUBE DIAMETER:	2" - 5"
WALL THICKNESS:	.028" through .120" (22 through 11 gage)	WALL THICKNESS:	.060" through .250"
TUBE LENGTH:	Minimum 6" through 79" standard; Less than 6" or over 79" available up to 120".	TUBE LENGTH:	Minimum 12" through 120"
CUT LENGTH TOLERANCE:	+/- .005"	CUT LENGTH TOLERANCE:	+/- .005"
MATERIAL:	Carbon Steel, Alloys, Stainless, Non-Ferrous	MATERIAL:	Carbon Steel, Alloys, Stainless, Non-Ferrous
CUTTER TYPES:	A: Dedicated Carbide inserted NC type cutters. Quick change tooling. B: Adjustable Carbide inserted cutter.	CUTTER TYPES:	Adjustable Carbide inserted cutter.
TUBE FINISH:	30 deg. I.D. Chamfer, 30 Deg. O.D. Chamfer End face flat and square to center line of tube. *Other chamfer angles available.	TUBE FINISH:	30 deg. I.D. Chamfer, 30 Deg. O.D. Chamfer End face flat and square to center line of tube. *Other chamfer angles available.
PNEUMATIC:	80 PSI - 5 bar air supply	PNEUMATIC:	80 PSI - 5 bar air supply
LEAD SCREW HEAD ADJUSTMENT:	Optional power head adjustment drive	LEAD SCREW HEAD ADJUSTMENT:	Optional power head adjustment drive
ELECTRICAL:	440-460 VAC/60Hz, 40 AMP. Other voltages on request	ELECTRICAL:	440-460 VAC/60Hz, 100 AMP. Other voltages on request
SPINDLE DRIVES:	15 Hp AC frequency variable speed drive	SPINDLE DRIVES:	40 Hp AC frequency variable speed drive
CONTROLS:	Allen-Bradley SLC 5/00 microprocessor.	CONTROLS:	Allen-Bradley SLC 5/03 microprocessor.
AIR SUPPLY:	5 SCFM @ 80 PSI	AIR SUPPLY:	5 SCFM @ 80 PSI
HYDRAULIC SYSTEM:	Vickers piston pump. Vickers manifold mounted NFPA directional valves.	HYDRAULIC SYSTEM:	Vickers piston pump. Vickers manifold mounted NFPA directional valves.
HYDRAULIC FEED:	Infinitely variable flow control.	HYDRAULIC FEED:	Infinitely variable flow control.
MACHINE WEIGHT:	5500 Pounds (79")	MACHINE WEIGHT:	15000 Pounds

*Special short length machines available. Please call with your specific applications.

Call us today 912.265.7536

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The Complete Solution To The Tube Cutting and End Finishing Industry

