



VERSA DOUBLE ANGLE CUTTER/PULLER SYSTEMS



- Performs double angle cuts on tubing or profiles
- Includes two Servo Cutters and a Servo Feeder
- Performs up to 1,800 cuts/min. in double angle mode, or 3,000 cuts/min. with a single cutter
- Integral Length Control system
- Holds +/- 0.010" cut length tolerance on rigid tubing
- Ideal for cutting medical tubing, hose, window seals, gaskets, etc.

The Versa Double Angle Servo Cutter is a complete system for the cutting of extruded products that require angular cuts. Systems can be configured to cut opposing angles, the same angle on both ends, or different angles on each end of a product. The system includes two Servo Cutters and a Servo Driven Caterpillar Puller, electronically linked for the highest degree of cut length accuracy. The Servo Motors and Drives provide smooth, quiet, dust-free operation, with a minimum of maintenance required. Cuts are performed at rotational speeds up to 3,000 RPM to provide clean, square cuts even at high feed rates. The knife holders are mounted directly to the Servo Motor shafts, and at 90° to the shaft to provide cuts with no scallop effect even on largest diameters.

A 7" color touch screen interface makes setup and operation quick and easy. All necessary operating parameters are displayed on the main screen. The operator can quickly move to any setup or operating screen at the press of a single pushbutton. Increment and Decrement pushbuttons allow small changes in cut length or line speed to be made instantly and with ease. A batch control system is also provided via the touch screen. An optional remote puller control package will allow interface with a laser gauge for automatic control of product O.D.

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VERSA DOUBLE ANGEL CUTTING SYSTEM

The Versa Double Angle Cutter was conceived and developed by Versa Machinery to allow extruded product manufacturers to process materials requiring two different cut angles on-line, on a single machine. This greatly reduces machinery costs and handling. Systems can be configured to cut two opposing angles, such as 45° for window seals, or two different angles, such as 90° and 45°. On systems configured for cutting two different angles one cutter can be adjusted to cut angles from 45° to 90°. Maximum material capacity is a full 1" (25.4 mm) on all double angle cutters.

SYSTEM FEATURES

- Easy to program automatic operation
- 7" color touch screen interface for easy setup
- Accurate cutting of plastics and rubber tubing, and profiles to 1" (25.4 mm) O.D.
- Length counter adjustable from 0" to 9999.999"
- Continuous cutting at speeds up to 1,800 cuts per minute (double angle mode) or 3,000 cuts per minute (single angle mode)
- Efficient 'fly-knife' cutting
- Three modes of operation:
 - Double angle cutting
 - Single angle A (One angle only)
 - Single angle B (The other angle only)
- Pinch roll or Caterpillar feed with constant center line adjustment
- Integrated feed system with length control and batch counter

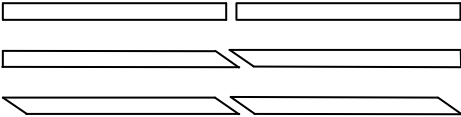

HOW IT WORKS

The material is gripped by a pair of rollers or caterpillar belts and pushed through closely spaced bushings for precision cutting by a high-speed razor sharp knife.

The system alternates cutting between two Servo Cutters, each set at a different angle. Due to the high blade speed there is no need to stop-cut-start the material feed. This ensures higher productivity and smooth feeding.

Three modes of operation provide flexibility for cutting a wide variety of products.

Bushings are available in a variety of sizes to match the diameter of the material. One set of bored bushings or two sets of blank bushings come with each machine. Profile bushings will be quoted upon request.

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| <p>All three of these configurations can be cut on one double angle cutting system.</p> |  |
| <p>Systems can also be configured to cut opposing angles as shown.</p> |  |

SPECIFICATIONS

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|-------------------------|--|-----------------------|--|
| Electrical Requirements | 230V/1ph/50Hz or 60Hz | Feed Range | 0 to 150 FPM Standard Other Feed Ranges Available |
| Cutting Torque | 276 in-lbs peak | Cutting Rate | 1,800 Cuts/min. (Double angle mode) 3,000 Cuts/min. (Single angle mode) |
| Feeder Options | 2"W X 9" L. Caterpillar or 2"W X 18" L. Caterpillar | Max. Cut Length | 1.250" to 999.999" |
| Bushings | Bushings will be quoted for each system, based on the application. | Maximum Material Size | * 1" (25.4 mm) O.D. |

* Material hardness, wall thickness and construction may limit maximum size.



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