



- Clean, quiet, low maintenance operation
- Increased cut length accuracy
- Versatile cutter with adjustable knife speed

## SERVO CUTTERS



Versa Servo Cutters provide clean, quiet, low maintenance operation for automated cutting of hose, tubing, profile and other extruded products. They can be used for either off-line or in-line cutting. Servo cutters allow operation over a broad range of cutting speeds, with some models achieving up to 4,000 cuts per minute. For best cut quality on a wide variety of materials, Versa Servo Cutters allow selection of blade velocity. A variety of options and configurations are available. Versa Servo Cutters are available as stand-alone units or can be purchased as part of a complete system, including a pinch roll or caterpillar feeder and a Length Control System.

Versa Machinery cutters are designed to provide many years of reliable cutting performance in a wide variety of applications. Versa products are assembled by skilled craftsmen, using the highest quality materials, machined to precise standards. Versa engineers can provide recommendations for the best methods to feed, cut and process your materials.

### **Versa Machinery**

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### SYSTEM FEATURES

- VERSA Adaptive Cutting Technology (ACT) systems provide three automatic cutting modes of operation. On-Demand, Cam, or Flywheel cutting. ACT allows a single system to cover a wide range of cut speeds up to 4,000 cuts per minute.
- 1" (25mm), 2" (50mm), and 3" (75mm) capacity models available.
- Precise knife park repeatability ensures superior cut-to-length accuracy.
- Noise is reduced to a very low level.
- Dust normally associated with brake/clutch systems is eliminated.
- Maintenance free servo operation provides years of consistent performance.
- Two sets of blank bushings or one set of bored bushings are supplied with the system.
- Reliable service with "around the clock" performance.

### HOW IT WORKS

The material passes through closely spaced bushings for precision cutting by a high-speed, razor sharp knife. The knife is attached directly to the servo motor shaft. High speed servo motor performance allows straight precision cuts to be made without stopping the material.

Bushings can be precisely bored for different diameters of tubing or hose. Special bushings can be machined for extruded profiles.

VERSA'S exclusive ACT systems software allows the operator to select the line speed and cut length. The system will automatically operate in the most effective mode for the application.

VERSA Servo Cutters are available with operator alert systems to signal, prior to reaching a batch piece count or the completion of a batch. The operator can select the batch quantity as well as the pre-alert quantity. Auto shut-off at the end of the batch can also be selected.

### SERVO CUTTER OPTIONS:

- Standard and High Resolution Direct Length Control Systems
- Electric Eye length control
- Right-to-Left or Left-to-Right configurations
- Adjustable slide base for positioning cutter from puller
- Drip or Pump lubrication systems for superior cut quality
- Dual set-point batch piece counter
- Medical package, including stainless steel, bushings, bushing holder, knife holder and knife cap

Versa Servo Cutters can be mounted on a common table with the following puller/in-feeds:

- 2" wide x 4" diameter (50mm X 100mm) pinch roll puller
- 2" x 9" (50mm X 229mm) caterpillar puller
- 2" x 18" (50mm X 457mm) caterpillar puller

The VERSA Model 1000 Servo Cutter with Servo Pinch Roll Puller is available in a bench top design. It is also offered on a tilting table that allows both horizontal and vertical product cutting.

For further information on VERSA Servo Systems with ACT Adaptive Cutting Technology software see our literature entitled "ACT Servo Cutter/Puller Systems".

For further information on the Model 1000 bench top, Servo Cutter/Servo Puller system see our literature entitled "Model 1000 ACT Servo Cutter/Feeder Systems".



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