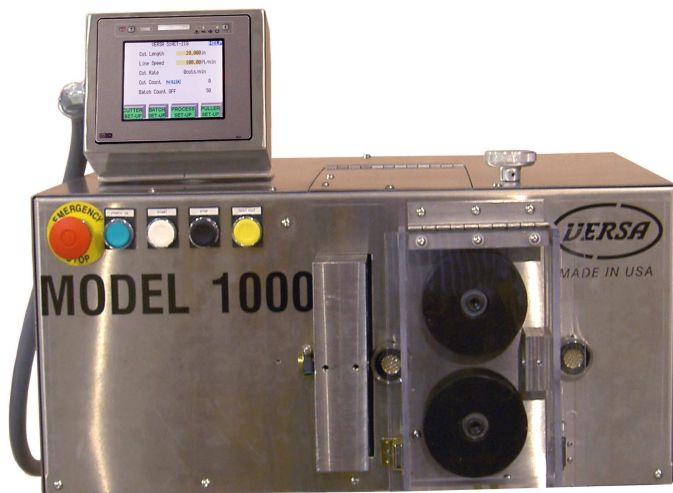




MODEL 1000 ACT* BENCH TOP SERVO CUTTER/PULLER SYSTEM

*(ADAPTIVE CUTTING TECHNOLOGY)



Model 1000ACT
Servo Cutter/Servo Feeder

Automatic cutting mode selection. VERSA'S exclusive ACT software automatically selects On-Demand mode, Cam mode, or Flywheel mode cutting, from operator entered line speed and cut length figures. These three cutting modes cover a wide range of cutting requirements at speeds up to 2000 cuts per minute. ACT systems automatically select the best mode of operation for each application.

On-demand mode: For applications requiring slower cut rates, the knife comes to a full stop after each cut, in a preset "Home" position, for maximum cut length accuracy.

Cam mode: For applications requiring higher cut rates, the knife slows after making each cut, moves toward the "Home" position and then returns to full speed to make the next cut. This allows the machine to cut relatively short lengths at full knife velocity without having to come to a full stop between cuts.

Flywheel mode: For applications requiring extremely high cutting rates, the knife is rotated at a constant speed.

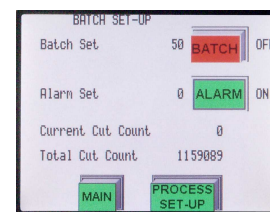
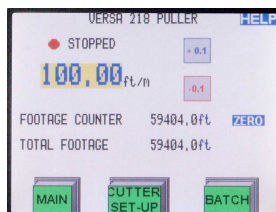
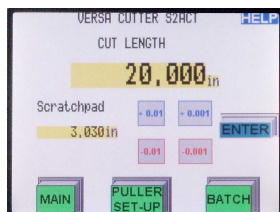
The Model 1000 System can be configured for either horizontal or vertical cutting
(See back panel for system specifications and options.)

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VERSA MODEL 1000ACT SERVO/SERVO CUTTING SYSTEM

Feed, measure, and cut your extruded products to exact lengths automatically. The VERSA Model 1000 Servo Cutting system, with ACT (Adaptive Cutting Technology) software provides a broad range of cutting capabilities. The system's ACT software performs the necessary calculations to determine the best cutting mode for each application. The operator simply enters the line speed and cut length through an easy to use touch screen interface. The ACT software does the rest.

The Model 1000 Servo system with ACT is a complete cutting system consisting of a Servo cutter, Servo Pinch Roll feeder, and integral Cut Length Control. Maximum material capacity is up to a full 1" (25.4 mm). The touch screen operator interface allows easy setup and quick changes for manufacturers that process a wide variety of products. If your applications require a wide range of cuts per minute, or if you want flexibility to handle a variety of future applications, you need a VERSA Model 1000ACT. Typical machine setup screens are shown below.



SYSTEM FEATURES

- Cuts in either horizontal or vertical mode
- Easy to program automatic operation
- Touch screen interface for easy setup
- Integrated feed system with length control and batch counter
- Length counter adjustable from .001" to 999.999"
- Continuous cutting at speeds up to 2000 cuts per minute
- Pinch roll feed with constant center line adjustment
- Accurate cutting of plastic and rubber tubing, shapes, and profiles to 1" (25 mm) O.D.
- Reliable 24/7 performance

OPTIONS AVAILABLE

- Audible or light signal batch alarms
- Heavy duty table for horizontal cutting
- Hinged table for horizontal or vertical cutting
- Drip lubrication system for cutter knife

HOW IT WORKS

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

The Servo controlled feeder provides precise control of the line speed. The feeder Servo is electronically linked to the cutter Servo to provide accurate control of cut lengths.

SPECIFICATIONS

Cutting Rate	Up to 2000 Cuts/min.
Cutting Torque	200 in-lbs peak
Cut Length Range	0" to 999.999"
Pinch Rolls	3.82" (97 mm) diameter X 1.5" (38 mm) wide
Height/Width/Depth	14" X 30" X 15" (35.5 cm X 76.2 cm X 38.1 cm)

Feed Range	5 to 100 FPM Standard Other Feed Ranges Available
Knives	5 Cutter Knives Supplied with system
Bushings	1 1/4"
* Maximum Material Size	1" (25.4 mm) O.D.
Electrical Requirements	230V/1ph/50Hz or 60Hz



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