



- Compact automated cutter
- The power of a large cutting system in a table-top unit
- Accurate and reliable cut lengths
- Up to 1,000 cuts per minute
- Ideal for small plastic, rubber, or silicone tubing and profiles

# SERVO MINICUTTER

## CUTTER/FEEDER SYSTEM



The Servo Minicutter system is a high torque servo driven, table top cutter. It has the power to cut tough rubber tubing or cord, and it can achieve much higher cutting rates than most other table top units. The servo cutter motor provides reliable performance, coupled with the accuracy you need to meet your quality control requirements. The Servo Minicutter is ideal for producers of small medical tubing for IV sets, silicon tubing, rubber hose, and various small profiles of plastic and rubber.

### **Versa Machinery**

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## VERSA SERVO MINICUTTER CUTTER/D.C PINCH ROLL FEEDER SYSTEM

The VERSA Servo Minicutter automates On-Demand cutting of small diameter tubing or profiles. It can be used for either off-line or in-line cutting of extruded rubber and plastic products. The system allows the operator to select the cut length, line speed, and batch quantity. The machine will automatically stop when the batch set-point is reached.

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.

### SYSTEM FEATURES

- Easy to program automatic operation
- Accurate cutting of plastic and rubber tubing, shapes, and profiles up to 3/4" (19 mm) O.D.
- Continuous cutting at up to 1,000 cuts per minute
- Efficient on-demand 'fly-knife' cutting
- One set of bushings bored to size or two sets of blank bushings supplied with cutter
- Guide bushings support the material as it passes both in and out of the pinch rolls
- Reliable service with 'around the clock' performance
- Integrated pinch roll feed system with length control and batch counter

### 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. Due to the high blade speed there is no need to stop-cut-restart the material feed. This ensures higher productivity and smooth feeding, while delivering a square, clean cut.

The knife is parked 180 degrees rotation from the bushings after each cut, ensuring precise control of cut lengths.

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

### SPECIFICATIONS

Electrical Requirements	115V/1ph/60Hz 220V/1ph/50 or 60Hz optional	Cutting Torque	150 in-lb (16.94 Nm) maximum
Dimensions	19D" X 31 3/4L" X 16H" 6 5/8"H to pinch roll centerline	Maximum Speed	120 FPM (36.5 meters/min.) Up to 1,000 Cuts per minute
Weight	160 lbs (73 kg)	Cut Lengths	0.01" to 9999.99"
Knives	Includes (1) razor knife holder with (6) razor knives for cutting products up to 3/8" (10 mm) or three (3) standard knives for products up to 3/4" (19 mm) thick.	Material Size	3/4" (19 mm) maximum material O.D. (Material hardness, wall thickness, and construction may limit maximum size.)

Our continuing program of product and process improvements may make changes necessary in specifications and data contained herein without notice. Due to variations in material, die and other process requirements, actual outputs in the field may vary.



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