



SERVO CUTTER/PULLER COMBINATION SYSTEMS



Model S2-C22
S2 Cutter/C-22 Puller

Servo Cutter Options: A variety of On-Demand, Servo Cutter sizes and power levels are available for cutting materials from small medical tubing, to 3" in diameter or width.

Puller Options: A wide variety of Pullers are available so that systems can be configured with Pinch Rolls, or caterpillar assemblies from 2" X 9" to 4" X 18".

Puller Drive Options: Systems can be configured using A.C. Variable Frequency Drives (VFD), D.C., or Servo Motor Drives. Pullers can be configured to provide remote speed control using a laser gauge, or an ultrasonic or mechanical loop control. Optional Belt Gap Indicators or Pneumatic Opening/Closing systems can provide precise control of the pressure applied to the product being pulled.

Cut Length/Batch Control: The new Versa Model LC-2000 Length/Process Control, provides an easy to operate, user friendly interface for controlling both cut length and batch quantities. The LC-2000 can be setup to operate as high resolution control for high tolerance cutting. A wide variety of control options allow the operator to select input in Inches, Feet, or in the Metric system. The control will also display the line speed and cutting rate.

A wide range of system configurations are available.
(See back panel for system specifications and options.)

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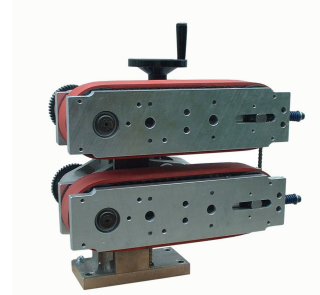
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VERSA CUTTER/ PULLER COMBINATION CUTTING SYTSEMS

Feed, measure, and cut your extruded products to exact lengths, automatically. Versa Combination Cutter/Puller systems with LC-2000 Length/Process Controls provide a broad range of cutting capabilities. Systems are configured to meet your cutting application requirements. 1", 2", and 3" capacity cutters are available, and can be combined with the right puller assembly to handle nearly any application. Cutters can be configured to include stainless steel bushing holder, bushings, knife guard, and knife holder for medicals.



LC-2000
Length/Process Control



C-22
Caterpillar Puller
(Other sizes and configurations are available)

SYSTEM FEATURES

- Easy to program automatic operation
- Accurate cutting of plastics and rubber tubing, shapes, and profiles to 3" (76.2 mm) O.D.
- Continuous cutting at speeds up to 1,000 cuts per minute
- Pinch roll or Caterpillar feed with constant center line adjustment
- Integrated feed system with length control and batch counter.
- The status of all safety interlocks are displayed on one screen

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 feeder provides precise control of the line speed.

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.

SPECIFICATIONS

Cutting Rate	Up to 1,000 cuts/minute
Maximum Cutting Torque	Model S1, 150 in/lb (16.945 Nm) Model S2, 150 in/lb (16.94 Nm) Model S2HD, 276 in/lb (31.18 Nm) Model S3HD, 276 in/lb (31.18 Nm)
Cut Length Range	0.01" to 999.999"
Feeder Options	2"W X 4" Dia. Pinch Wheel 2"W X 9"L Caterpillar 2"W X 18"L Caterpillar 4"W X 9"L Caterpillar 4"W X 18"L Caterpillar

Feed Range	0 to 150 FPM Standard Other Ranges Available up to 700 fpm
Electrical Requirements	230V/1ph/50Hz or 60Hz
Bushings	1", 2" or 3" based on system selected
* Maximum Material Size	Model S1, 1" (25.4 mm) O.D. Model S2, 2" (50.4 mm) O.D. Model S2HD, 2" (50.4 mm) O.D. Model S3, 3" (76.2 mm) O.D.

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



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