



CUTTER/PULLER COMBINATION SYSTEMS



Model 7522
75 DAC Cutter/C-22 Puller

DAC Cutter Options: A variety of On-Demand, Electro-mechanical Brake and Clutch cutters 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, D.C., or Servo drives and motors. Pullers can be configured to allow remote speed control by a laser gauge, or an ultrasonic or mechanical loop control. An optional Belt Gap Indicator or Pneumatic Opening/Closing system can provide precise control of the pressure applied to the product being pulled.

Cut Length/Batch Control: The Versa Model LC-2000 Length/Process Control, provides an easy to operate, user friendly interface for controlling both cut length and batch quantities. Typically the encoder resolution is better than one pulse for every 0.001" of material movement. 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.)

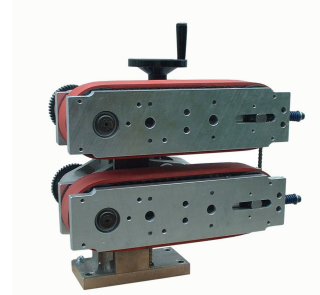
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VERSA CUTTER/ PULLER COMBINATION CUTTING SYTSEMS

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 720 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	Model 60 series, up to 720 CPM Model 75 series, up to 550 CPM Model 80 series, up to 225 CPM	Feed Range	0 to 150 FPM Standard Other Ranges Available up to 700 fpm
Maximum Cutting Torque	Model 60 series, 125 in/lb (14.12 Nm) Model 75 series, 290 in/lb (32.7 Nm) Model 80 series, 605 in/lb (68.3 Nm)	Electrical Requirements	230V/1ph/50Hz or 60Hz
Cut Length Range	0.001" to 999.999"	Bushings	1", 2" or 3" based on system selected
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	* Maximum Material Size	Model 60 series, 1" (25.4 mm) O.D. Model 75 series, 2" (50.4 mm) O.D. Model 80 series, 3" (76.2 mm) O.D.

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



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