



Compact, Up-Cut Servo Traveling Extrusion Saw

Traveling saw with servo motor provides best-in-class reliability, accuracy and repeatability.

This CS-6 traveling table saw provides optimum cutting of a wide range of extrudate. A seven-inch color touch screen PLC control and user interface ensures easy set-up and recipe management.

› Easy to Use, Setup and Maintain

PLC with seven-inch, high resolution color touch screen control makes set-up, recipe management and line control easier than ever!

› Compact Design Saves Valuable Floor Space

The CS-6 machine is reduced by four linear feet when compared to traditional rigid saws. Standard traveling saws have a rigid table that extends off of each end, taking up a large amount of valuable shop floor space. Novatec's newly developed soft tabletop, made from PES fabric with carbon fiber for durability and strength, is contained in the saw's base frame and yet travels the same distance as a rigid tabletop in a traditional saw due to the flexibility and movable over-hang of a soft versus rigid material.

Plus

- › 5000 pulse encoder and mounting kit
- › Screw drive
- › Chip collection tube for use with optional chip collection system
- › Lockable power disconnect
- › Voltage 460/3/60
- › Lowest cost of ownership with the industry's only 5-year warranty

› Accurate, Repeatable Cutting

Servo-equipped traveling saw table has a 20-inch diameter blade and provides 22-inches of table travel. Units process up to 45 ft/min and 15 cuts per minute.

› Three-inch Diameter Chip Collection Tube

Use with optional chip collection system.

› Safety Emergency System

SIL2 E STOP Circuit.

› Siemens Seven-inch High Resolution Color Touch Screen PLC

- Recipe management
- Lockable power disconnect
- Multiple batch capability
- Optical or mechanical cut signal input
- Totalizer
- Line rate indication
- Data logging
- Ethernet ready

› SD card Operating Program in the HMI Provides Full Access to Setup Parameters

- Recipe storage
- Data logging with SD Card or USB stick
- Encoder, sensor and timer modes included
- Single button production/scrap change



CS-6 extrusion saw



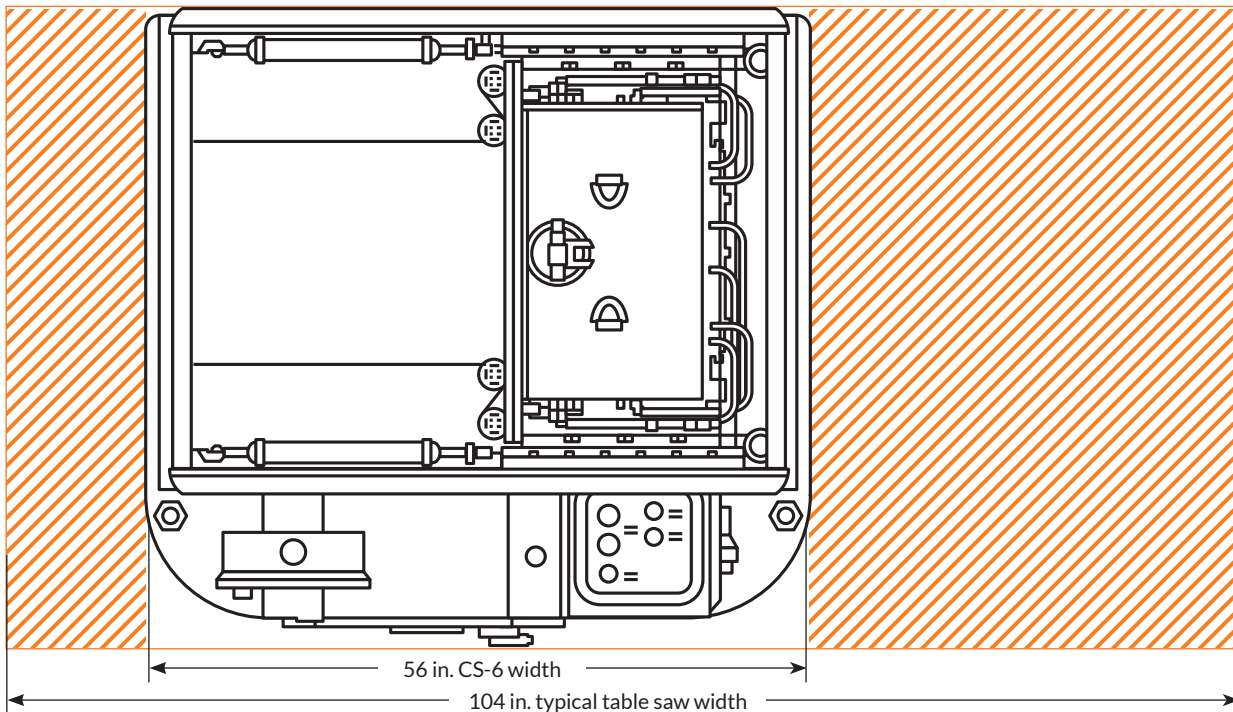
Seven-inch high resolution color touch screen

› Fully Enclosed Blade Cavity

Stainless steel blade shroud above table plus guarding for operator safety.



Compact Design is **4 ft. Less** Than Traditional Rigid Table Saws



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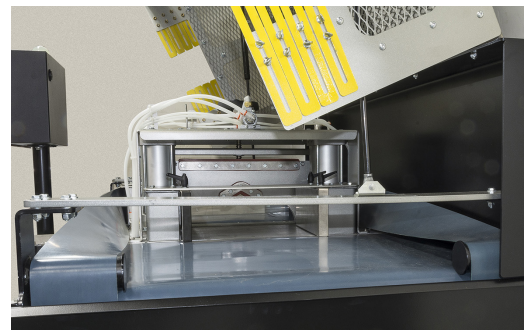
Our Standard Features **Redefine Value**



Clamp plate shows manual screw adjustment and quick-adjust product guides.



Pressure and speed control for saw blade and clamp motions



Product entry guide

Siemens Color Touch Screen PLC Control Equals Convenience and Reliability

QUICK OPS SCREEN – View real-time performance of saw

SET LENGTH to be cut → 24.000

MEASURED LENGTH in 0.000

BLADE SPEED rpm 3200

Count Setup: BOXES REQ'D 1, PARTS PER BOX 500

Counters: BOX COUNT 0, BOX FILL 0

Buttons: CUT PRODUCT, STOP, CUT SCRAP, TEST CUT

Right Panel: Select/edit recipe, Piece & Box Count

Bottom: Touch buttons to CUT PRODUCT, STOP, CUT SCRAP or TEST CUT

HOME SCREEN – Access to all saw functions

Access to QUICK-OPS screen

Opens RECIPE SELECT screen

Access to SETUP page 1

Opens the BATCH counter screen

SETUP 1 – Access to SETUP screens

Enable/disable SCRAP MODE

Choose ENGLISH or METRIC units

Set PRODUCTION OUTPUTS

Set correct TIME & DATE

User settable PRODUCTION OUTPUTS

Set USER NAMES & PASSWORDS

RECIPE SELECT – Store and recall up to 30 recipes

PRODUCT SETTINGS: CUT LENGTH 24.00 in, END SENSOR MODE, DELAY TIME 0.100 s, TIME MODE 10.000 s

SCRAP SETTINGS: CULL LENGTH 36.00 in, END SENSOR MODE, DELAY TIME 0.500 s, TIME MODE 20.000 s

BLADE SPEED rpm 3200

ESTIMATED LINE SPEED 50.0 FPM

Buttons: CUT PRODUCT, STOP, CUT SCRAP, TEST CUT, CLAMP PRODUCT

Set all parameters for any product and save it to a list of recipes.

Recipe #	Material ID	Material Name
1	0	Recipe 1
2	0	Recipe 2
3	0	Recipe 3
4	0	Recipe 4
5	0	Recipe 5
6	0	Recipe 6
7	0	Recipe 7
8	0	Recipe 8
9	0	Recipe 9
10	0	Recipe 10

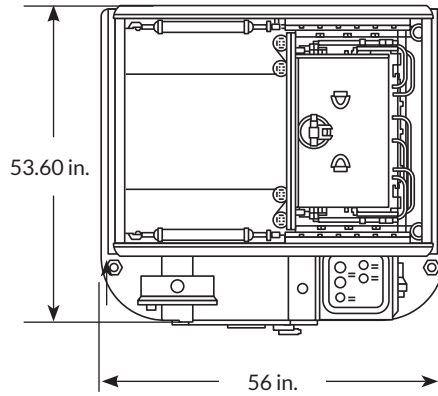
Press any field to select a recipe or to edit or enter a recipe using the alpha-numeric pop-up screen.

Specifications:

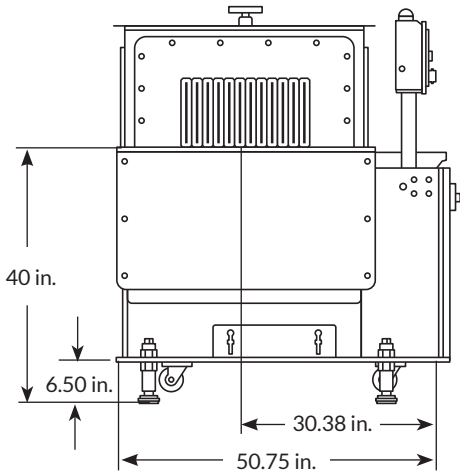
Model Number	CS-6
Blade Diameter	20-inch
Cut Capacity	6.625-inch OD
Saw Arbor Motor	3 Hp
Cuts/Minute	Up to 15 max*
Variable Motor Speed (rpm)	up to 3500
Belt Travelable	24-inch
Belt Travel Speed	up to 50 ft/min
Drive	Schneider Servo -lead screw drive

* **NOTE:** Exceeding 15 max cuts/minute may void the warranty.

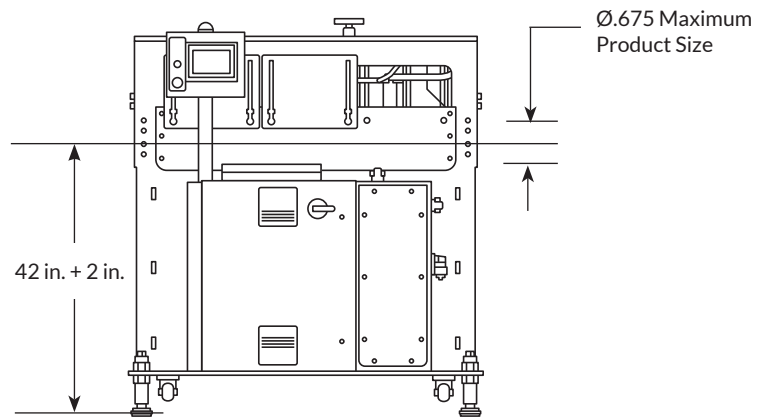
Dimensions: CS-6 Extrusion Saw



Top View

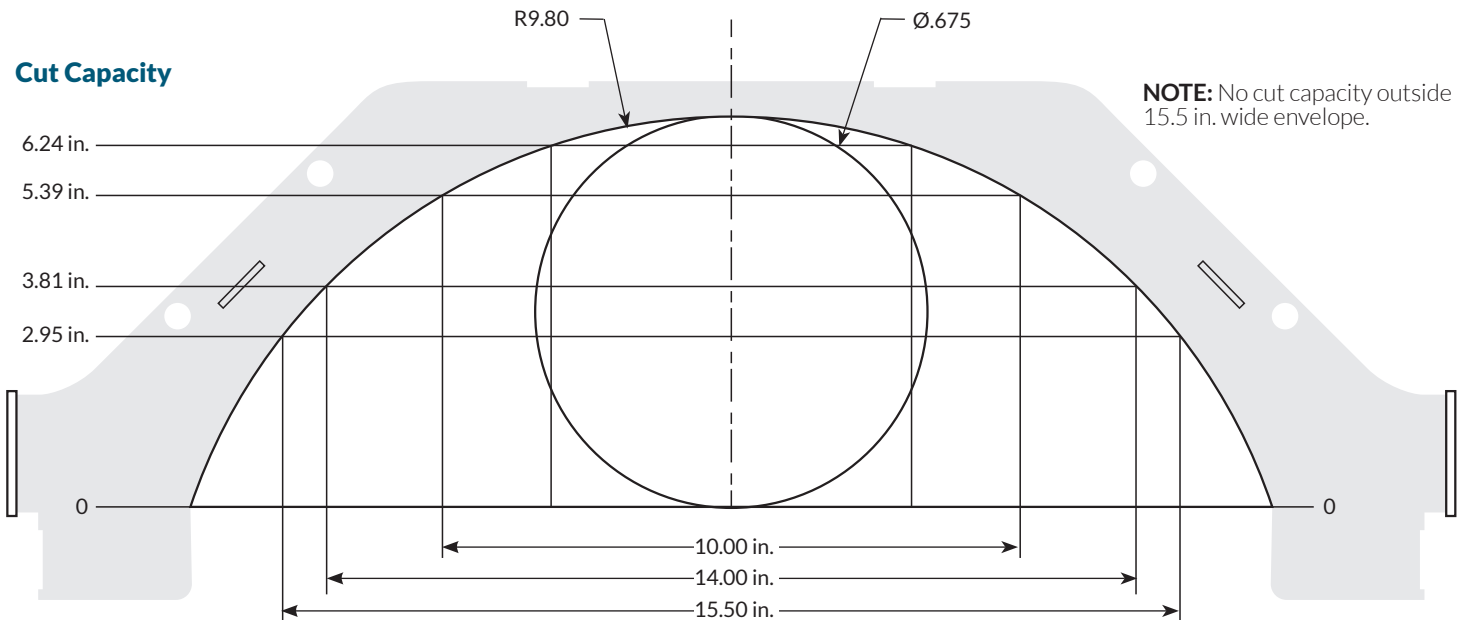


Side View



Front View

Cut Capacity



NOTE: No cut capacity outside 15.5 in. wide envelope.

Accessories:

Remote touch screen control at extruder

Options:

Chip collection system