



Up-Cut Servo Traveling Extrusion Saw

6" cut capacity

Servo driven table-equipped traveling saw with servo motor provides best-in-class reliability, accuracy and repeatability.

The REELPOWER up-cut servo-table equipped traveling saw provides optimum cutting of a wide range of extrudate. A 7" color touch screen PLC control and user interface ensures easy set-up and recipe management.

Easy to Set-Up, Use and Maintain

PLC color touchscreen control makes set-up, recipe management and line control easier than ever!

Hinged Table

Provides easy access to blade enclosure and body.

User Interface

Touch screen access to modes of operation, utilizing the encoder, end sensor or time modes.

Safety Emergency System

SIL2 E STOP Circuit.

Plus:

- 5000 Pulse Encoder and mounting kit
- Steel core timing belt drive with low-friction coating
- Chip collection tube for use with optional chip collection system
- Lockable power disconnect
- Voltage 460/3/60
- Lowest Cost of Ownership

Siemens 7" High Resolution Color Touch Screen PLC

- Multiple batch capability
- Optical or mechanical cut signal input
- Timer
- Totalizer
- Line rate indication
- Data logging
- Ethernet ready

Fully Enclosed Blade Cavity

With stainless steel blade shroud above table plus guarding for operator safety.

Industrial Strength Siemens PLC Touch Screen Control, Standard

Built-in features include:

- Batch counter
- Timer
- Optical or mechanical cut signal input
- Ethernet ready



NS-6 extrusion saw



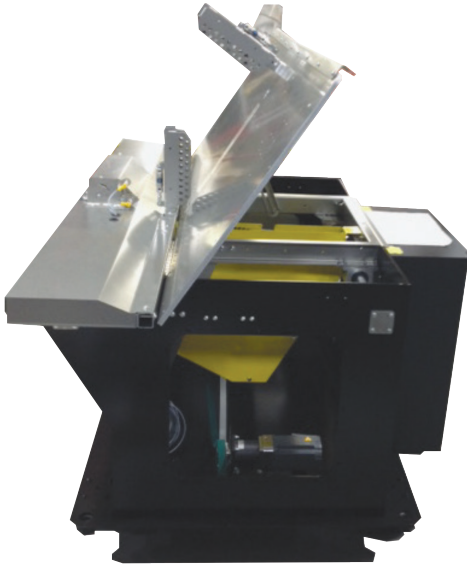
7" HIGH RESOLUTION COLOR TOUCH SCREEN



NS-6 with Optional Full Guard Open

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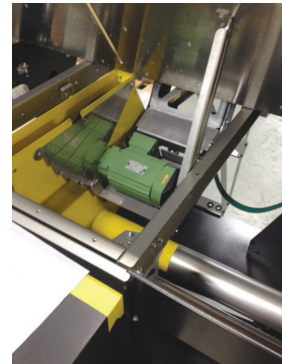
Our Standard Features Redefine Value



Hinged table for easy access to blade shroud and internal area



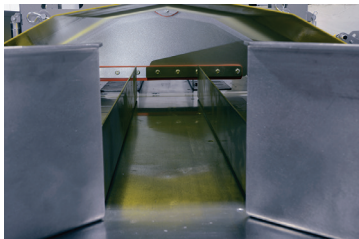
Pressure and speed control for saw blade and clamp motions



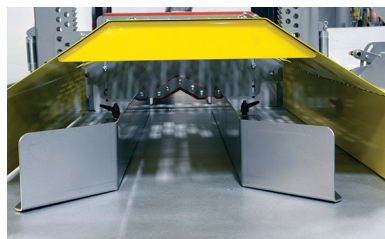
Blade shroud with vacuum chip connection tube - and sealed shroud for maximum chip collection



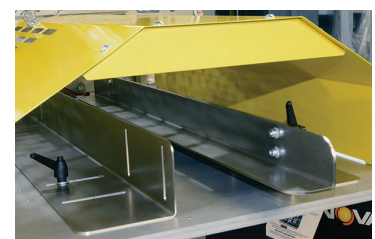
Table travel via servo motor and steel core timing belt



Clamp plate oriented for flat products



Clamp plate oriented for pipe and profiles



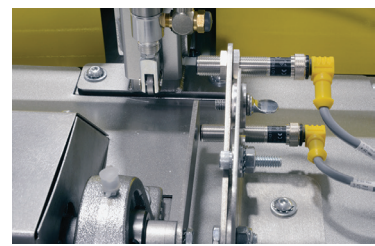
Fully adjustable product guides for inlet and exit ends



Dual clamp cylinders for precise clamping



Manual hand wheel clamping with integral upper chip transfer tube



Easy table top access to blade stroke adjustment



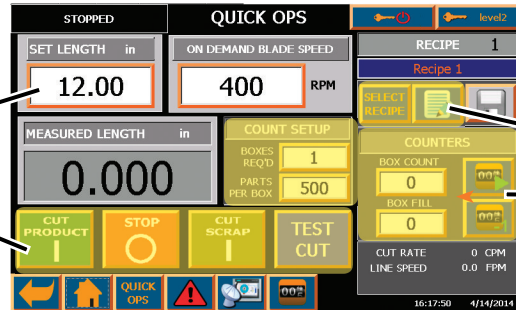
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Siemens Color Touch Screen PLC Control Equals Convenience and Reliability

QUICK OPS SCREEN

View real-time performance of cutter

SET LENGTH to be cut
Touch buttons to CUT PRODUCT, STOP, CUT SCRAP or TEST CUT



Select/edit recipe to be cut
Piece & Box Count

HOME SCREEN

Access to all cutter functions

Access to QUICK-OPS screen
Opens RECIPE SELECT screen
Access to SETUP page 1

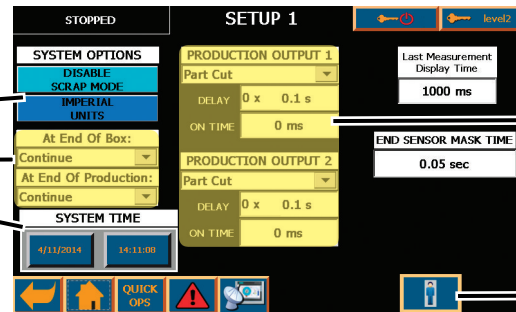


Opens the BATCH counter screen

SETUP 1

Access to SETUP screens

Enable/disable SCRAP MODE
Choose ENGLISH or METRIC units
Set PRODUCTION OUTPUTS
Set correct TIME & DATE



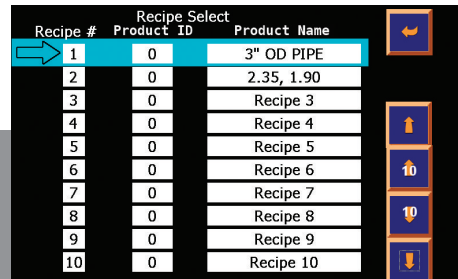
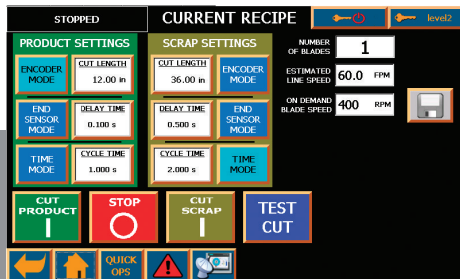
User settable PRODUCTION OUTPUTS

RECIPE SELECT

Store and recall up to 30 recipes

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

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





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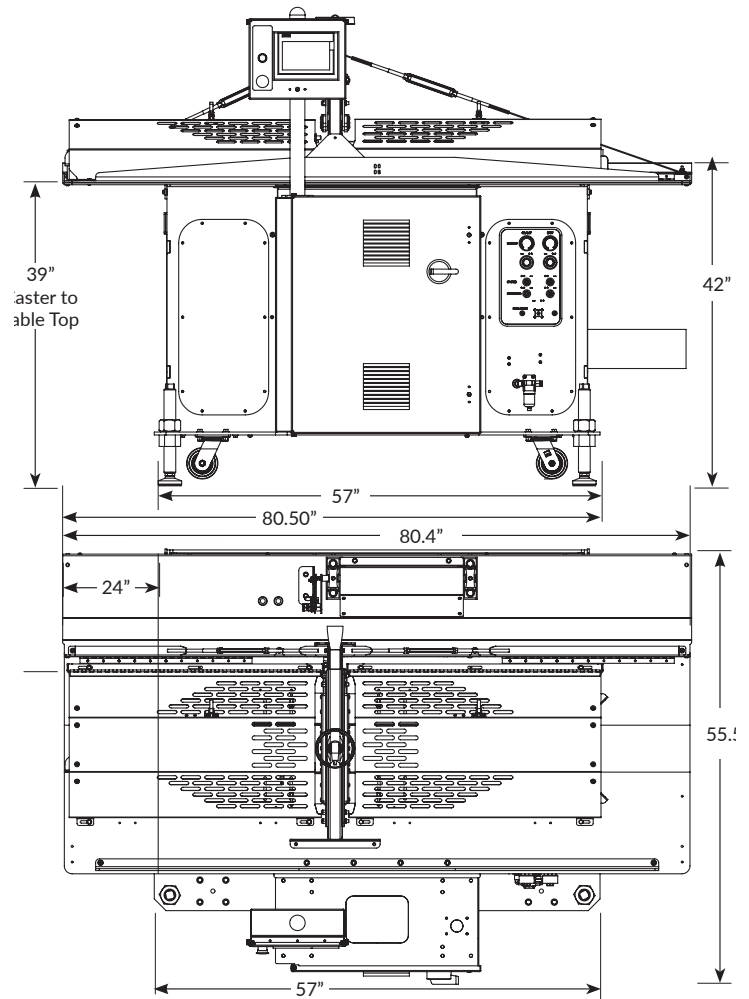
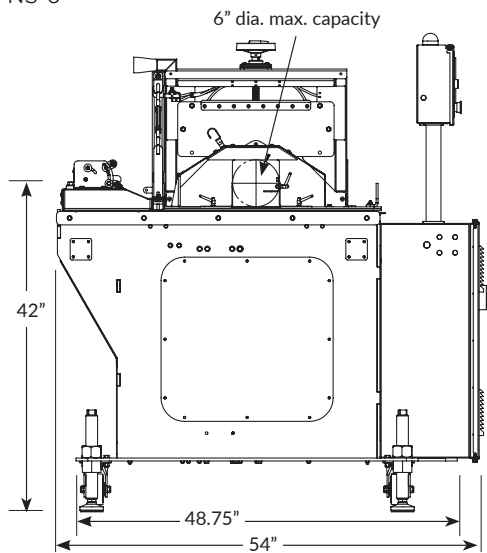
Specifications:

Model Number	NS-6
Blade diameter	20" (120 teeth/inch)
Cut capacity	6"
Saw arbor motor	3 Hp
Cuts/minute	Up to 15 max*
Variable motor speed (rpm)	up to 3500
Table Travel	24"
Table travel speed	up to 45 ft/min
Drive	Siemens Servo 32:1 reducer belt-drive
Kit, guard, auxiliary	Optional

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

Dimensions:

NS-6



Accessories:

- Remote touch screen control at extruder

Options:

- Chip collection system
- Kit, guard, auxiliary: Optional on NS-6



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Blade Shroud (Showing Maximum Product Capability):

