

Up-Cut Servo Traveling Extrusion Saw

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

The Novatec Bessemer 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.

—5—
YEAR
warranty



NS-6 extrusion saw

Easy to Use, Setup and Maintain

PLC with 7", high resolution color touch screen 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.

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.



7" high resolution color touch screen

Industrial Strength Siemens PLC Touch Screen Control, Standard

Built-in features include:

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

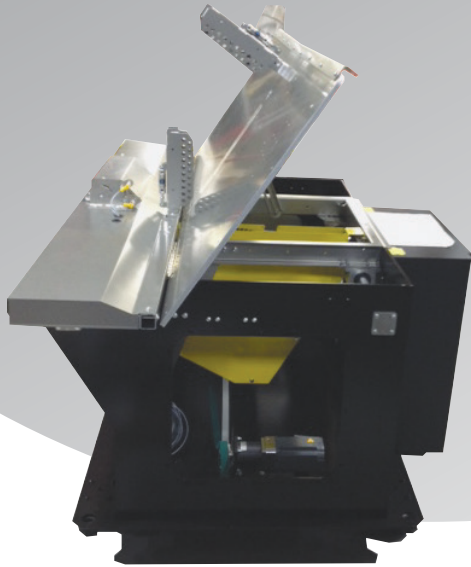
Plus

- › 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 with the Industry's Only 5-year warranty



NS-6 with Full Guard Open

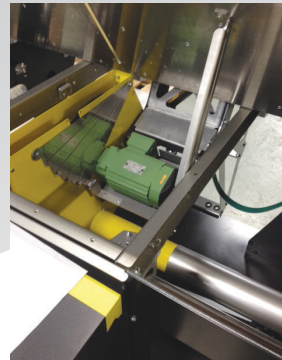
Our Standard Features Redefine Value



Hinged table for easy access to blade shroud and internal area



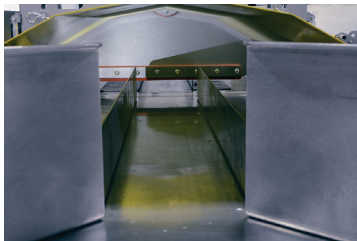
Pressure and speed control for saw blade and clamp motions



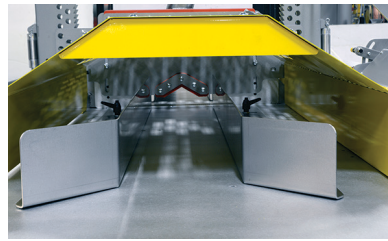
Blade shroud with vacuum chip connection tube – and sealed shroud for maximum chip collection



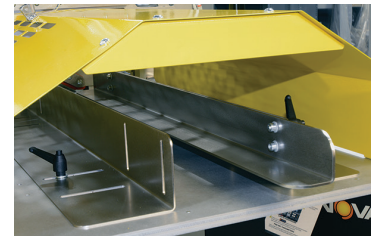
Table travel via servo motor and steel core timing belt



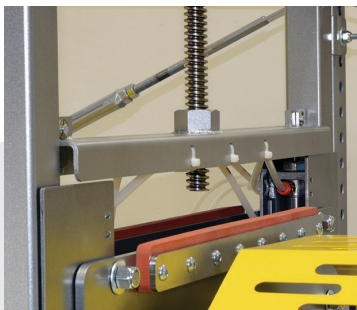
Clamp plate oriented for flat products



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

Siemens Color Touch Screen PLC Control Equals **Convenience and Reliability**

QUICK OPS SCREEN – View real-time performance of saw

Annotations for QUICK OPS SCREEN:

- SET LENGTH to be cut: 24.000
- MEASURED LENGTH: 0.000
- BLADE SPEED: 3200 rpm
- 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

HOME SCREEN – Access to all saw functions

Annotations for HOME SCREEN:

- 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

Annotations for SETUP 1:

- Enable/disable SCRAP MODE
- Choose ENGLISH or METRIC units
- Set PRODUCTION OUTPUTS
- Set correct TIME & DATE
- User settable PRODUCTION OUTPUTS
- Set USER NAMES & PASS-WORDS

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

Annotations for CURRENT RECIPE:

- PRODUCT SETTINGS: CUT LENGTH: 24.00 in
- SCRAP SETTINGS: CUT LENGTH: 36.00 in
- BLADE SPEED: 3200 rpm
- ESTIMATED LINE SPEED: 50.0 FPM
- Buttons: CUT PRODUCT, STOP, CUT SCRAP, TEST CUT, CLAMP PRODUCT

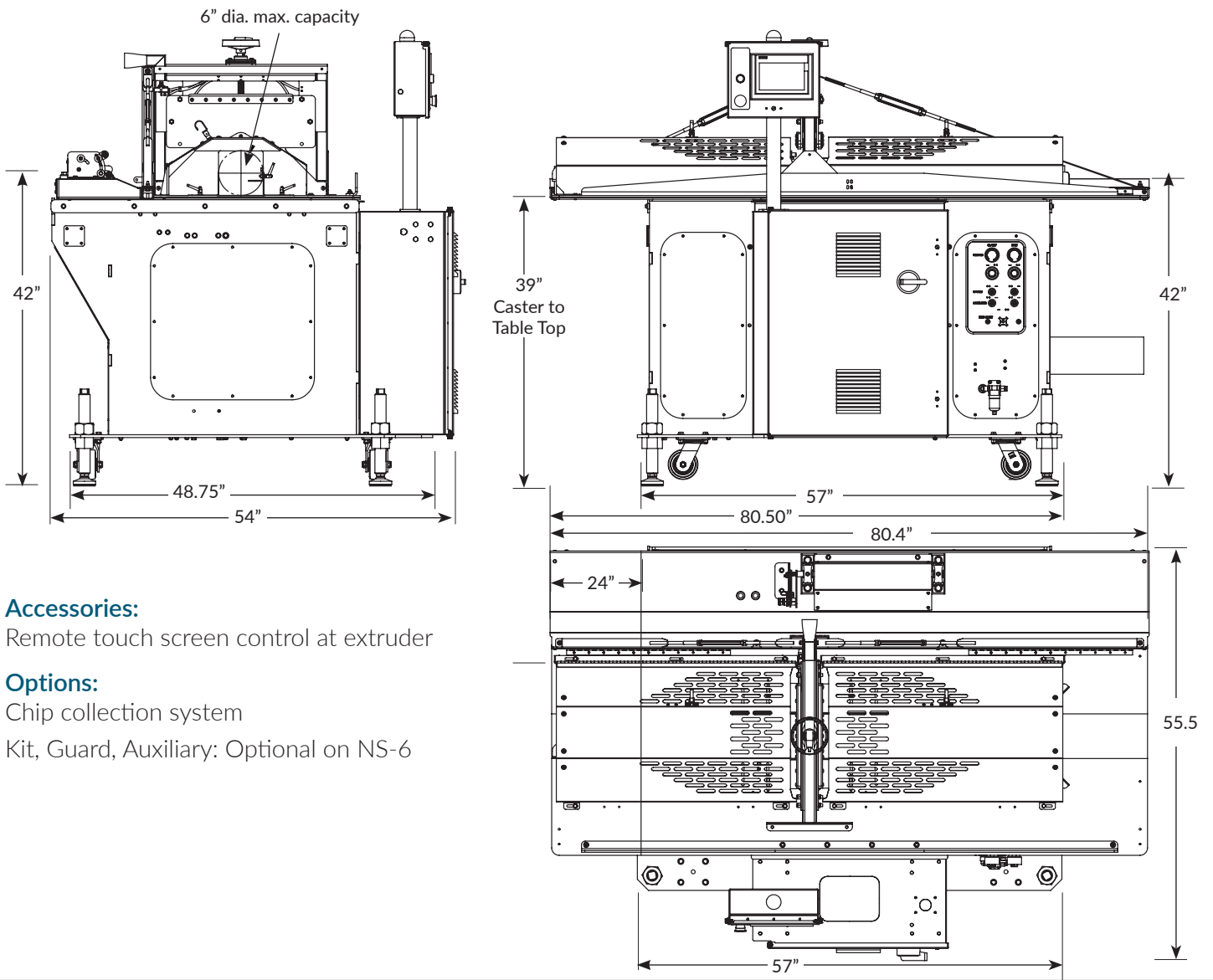
Recipe #	Recipe Select	Material ID	Material Name
1	0		Recipe 1
2	0		Recipe 2
3	0		Recipe 3
4	0		Recipe 4
5	0		Recipe 5
6	0		Recipe 6
7	0		Recipe 7
8	0		Recipe 8
9	0		Recipe 9
10	0		Recipe 10

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 Extrusion Saw



Accessories:

Remote touch screen control at extruder

Options:

Chip collection system

Kit, Guard, Auxiliary: Optional on NS-6