



## Servo Rotary Knife Cutter

2" - 4" cut capacity

**Precision on-demand/continuous Servo cutters provide best-in-class features for CUT ENERGY, ACCURACY and REPEATABILITY!**

The Reel Power servo rotary knife cutters have many standard features that are options on most ordinary units yet have a comparable price point to "stripped down" models.

### Easy to Set-Up, Use and Maintain!

PLC with 7" high resolution color touch screen control makes set-up, recipe management and line control easier than ever!

### Powerful Siemens Servo Motor and Drive

Offers greater repeat accuracy and reliability with less maintenance than others.

### Seamless Automatic Switching Between Continuous Mode and On-Demand Mode

Changes in line speed/cut rates automatically changes mode of cut, as necessary.

### Siemens 7" High Resolution Color Touch Screen PLC

- Recipe management for different cut lengths
- Multiple batch capability
- Timer
- Totalizer
- Line rate indication
- Data logging

### User interface

Provides easy access to four modes of operation, utilizing the encoder in either the on-demand or continuous modes and the end sensor or timer in the on-demand cutting mode.

### Safety Interlock

Integrated safety for Cat4/SIL3/PLe.



C-4 cutter



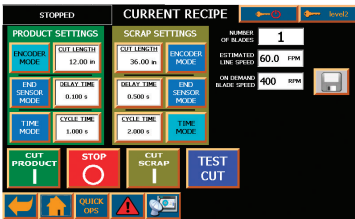
Cut made with C-4

### Plus:

- SS blade holder and reservoir plus blade wipe
- Input for optical or mechanical cut signal with adjustable timed delay
- Output for box change or end-of-run signal
- Encoder included
- Ethernet capable
- CRS steel busings
- Indicator lights for machine status
- Variable knife speed adjustment for "ON Demand" mode
- Standard voltage 480/3/60
- Lowest cost of ownership

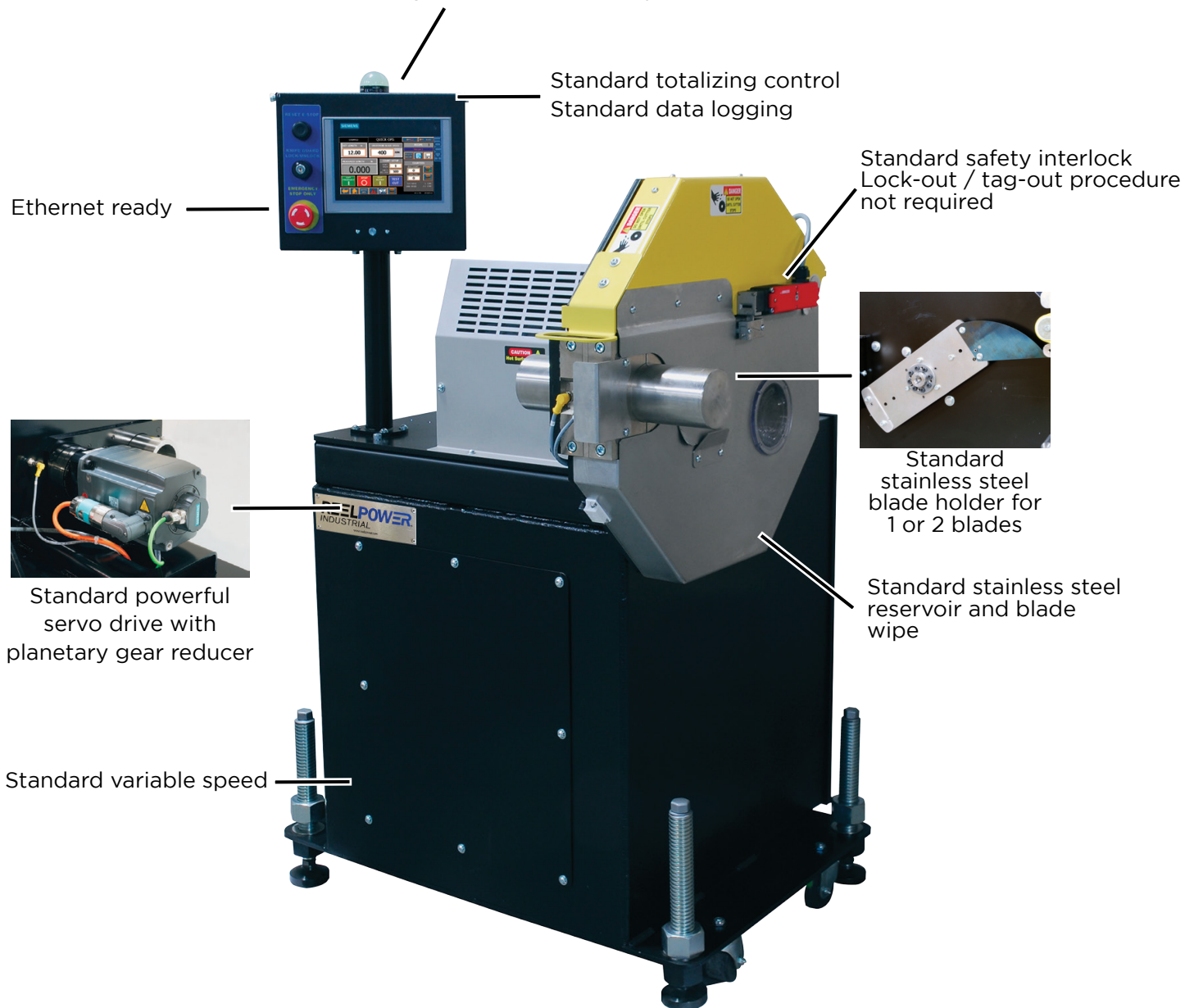
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### Standard Features



**Industrial strength Siemens PLC touch screen control, standard.**  
**Standard built-in features include:**

- Batch counter
- Timer
- Optical or mechanical cut signal input
- Change cut mode on the fly





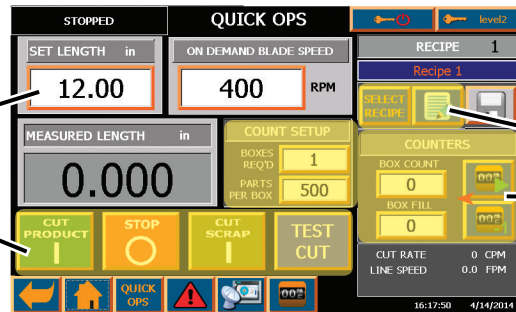
## Servo Rotary Knife Cutter

# 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

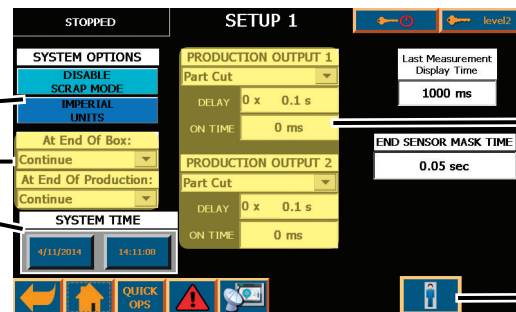


Opens the BATCH counter screen

### 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

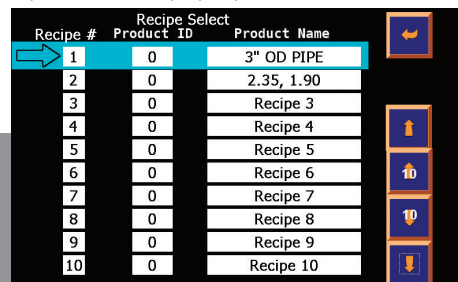
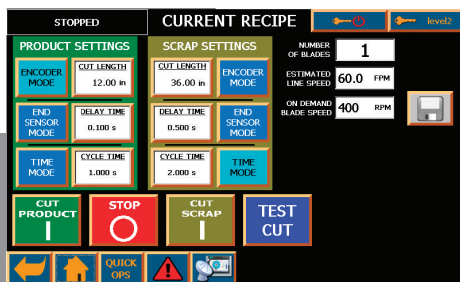
Set USER NAMES & PASSWORDS

### 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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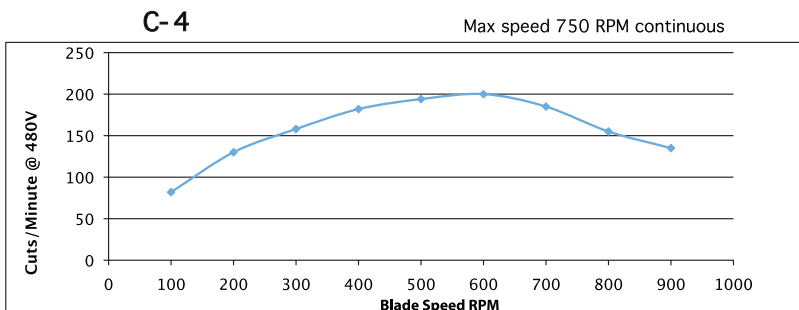
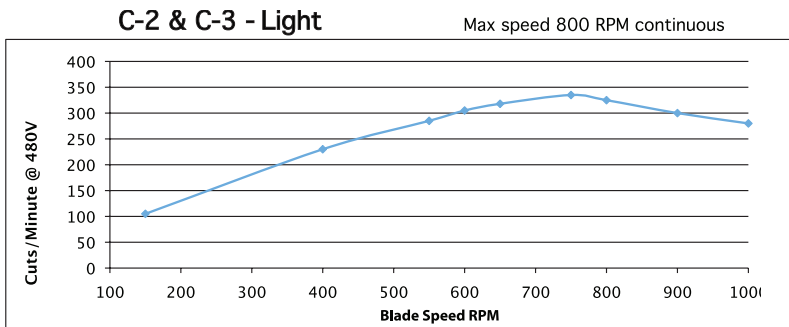
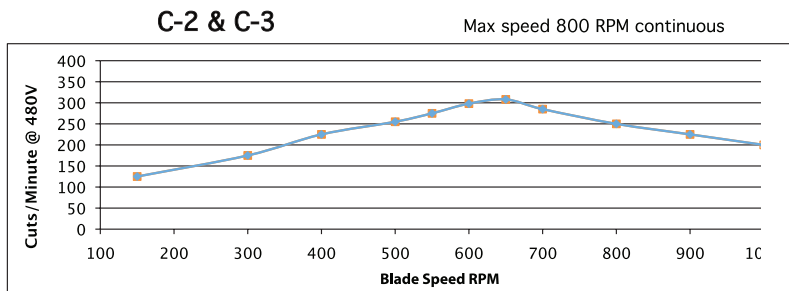
### Specifications:

Model Number	C-2	C-3	C-4
Bushing diameter	2.25"	3.25"	4.25"
Maximum profile	2"	3"	4"
Power - Hp	5	5	11.8
Maximum continuous cuts (1 blade)	800 CPM*	800 CPM*	750 CPM*
Maximum on-demand cuts (1 blade)	300 CPM @ 600 RPM	300 CPM @ 600 RPM	200 CPM @ 600 RPM
Maximum on-demand blade RPM	1000**	1000**	900**
Maximum Peak Torque (in/lb)	1130	1130	3720
Blade Mount	12" stainless steel cutter head		

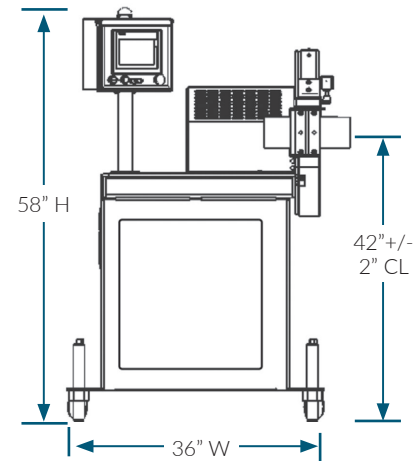
\* Higher rates may be available for certain applications with specific cutter. Single and multiple blade configuration.

\*\*See charts below for actual CPM @ Maximum RPM.

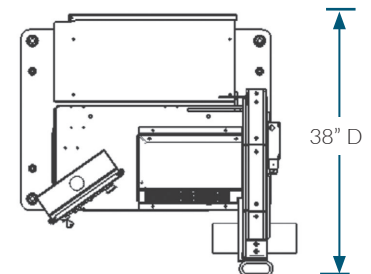
### Performance data:



### Dimensions:



Front View



Top View

### Options:

- Side base with 8" travel
- Left to right operation direction
- Cutter stack light/audible alarm
- Aluminum blade holder for alternate blades
- Stainless steel bushing holder

### Accessories:

- Remote touch screen control at extruder
- Bracket system to interface C-Series cutter and puller
- Common power plug