

SERVO-DRIVEN CUTTERS

The Revolutionary SMARTCUT® and INTELLICUT® Servo-Driven Cutters Offer a Wide Variety of Features and Options:

- SERVO DRIVE
- QUICK BLADE-CHANGE SYSTEM
- TOUCHSCREEN CONTROL PANEL
- ON-DEMAND WITH ELECTRONIC CAMMING
- HIGH TORQUE RATINGS
- QUICK-CHANGE BUSHINGS
- HEIGHT-ADJUSTING CASTERS

SMARTCUT®

INTELLICUT®



Increased Productivity Starts Here



SMARTCUT®

The SMARTCUT® from RDN is a reliable, easy to use Servo Driven Cutter that is priced perfectly for applications that don't require the sophisticated control offered in the INTELLICUT®. We've focused on delivering the most reliable cutter in the industry giving you huge increases in up-time productivity versus clutch-brake technology.



The Servo-Drive produces superior repeatability and more accurate cutting.

Servo-Drive

Minimizing downtime is the key to increasing extrusion productivity. While the servo motor requires very little maintenance, it also provides a greatly increased machine life at the same time. There is no comparison to the maintenance time spent on other units. Plus, the servo makes the infrequent, routine maintenance quick, easy and inexpensive. Combined with state-of-the-art digital circuitry, the motor produces superior machine repeatability and more accurate cutting - more ways to increase your productivity.



The SMARTCUT® controls are rugged and easy to use.

High Torque Ratings

To ensure quick, clean cuts, RDN Servo Cutters feature high torque ratings. Increased force behind every cut is another way these products increase productivity.

Easy Access Machine Housing

With a quarter-turn of a flathead screwdriver on four fasteners, you gain total access to the heart of the mechanics. Although little maintenance is needed, this simple design ensures that you won't waste precious time trying to reach any of the inner workings, including the servo motor and electronic circuitry.

Minimize Downtime With Virtually No Maintenance

RDN's revolutionary new servo-driven cutter eliminates downtime and increases your productivity. They're called the INTELLICUT® and SMARTCUT® because they're built with "smarts" through extensive market research and re-engineering.

Built In Storage Cabinet

With a quick turn of a screw driver, this roomy storage compartment opens up to provide easy access to spare blades, stored bushings or anything else that might be useful. Eliminate the downtime of running across the plant to get a needed tool. This storage cabinet allows you to keep things within easy reach.



The Quick Blade-Change System is standard on the INTELLICUT® and optional on the SMARTCUT®.

INTELLICUT®



The INTELLICUT® Servo Driven Cutter leapfrogs any technology on the market today - all at a price comparable to traditional clutch brake models. The advanced touchscreen control facilitates simple setup, and the other standard options including quick change bushings and blades help to minimize downtime and maximize productivity.

Quick Blade-Change System

While RDN can't eliminate the fact that blades do need to be changed, we have innovated a quick way to change them. This system requires no tools and takes only seconds. The locking plate holds a blade in place on the arm. To change, just move the plate down, away from the blade. Set a new blade in the holder and replace the plate. Now, blade changing is easier and faster than ever. Patent applied for.

Quick Change Bushings

Simply turn the handles on these all-new bushing holders and your work is done. Turning the handles loosens the pressure on the bushings. Pull a bushing out and slide in a new bushing in place. Then, tighten the handles to secure the bushings. Changeovers have never been easier or faster. No tools are required.

Touchscreen Control

This operator panel is designed to be the most easy-to-use in the marketplace. The touchscreen prompts an operator through the steps needed to input set-up information easily. Just touch the screen itself where the appropriate information appears. It's not only easy-to-use, it's also reliable and durable.

Four Options for Cutting

1. On Demand Mode - The knife blade rotates one revolution based on the desired preset cut length.
2. Continuous Mode - The knife blade rotates continuously based on the preset blade RPM speed.
3. Continuous Ratio Mode - The knife blade rpm automatically adjusts to a change in belt puller speed to achieve the preset cut length.
4. Timer Mode - The knife blade rotates one revolution per the set time interval.

Height - Adjusting Casters

Another time-saving feature lets you move RDN's Servo Cutters in and out of the extrusion line quickly. The flexibility of these casters also makes it easy to align the centerline during set-up.



Quick Change Bushings are standard on the INTELLICUT® and optional on the SMARTCUT®.



Touchscreen Control facilitates simple setup.

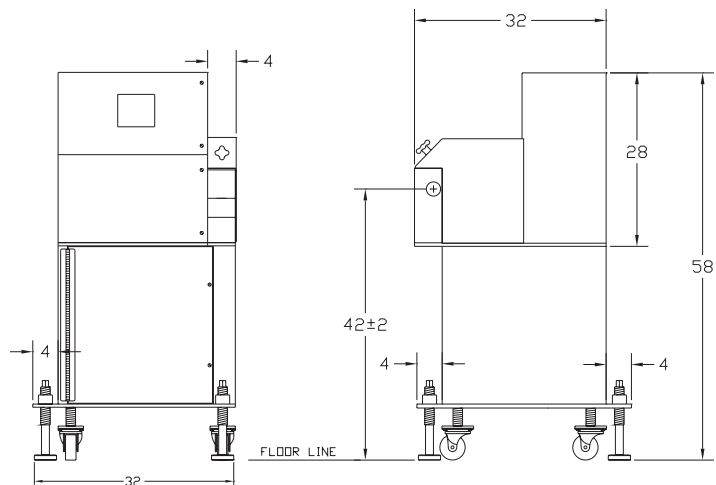


Height Adjusting Casters are standard on the INTELLICUT® and optional on the SMARTCUT®.

SPECIFICATIONS

MODEL	IC-2	SC-2A	IC-3	SC-3A	IC-4	SC-4A
Cut Capacity	0-2" Tube or Equiv. Profile		0-3" Tube or Equiv. Profile		0-4" Tube or Equiv. Profile	
Bushing Diameter	2 1/4" O.D.		3 1/4" O.D.		4 1/4" O.D.	
Max. Cuts Per Min.	1000 or 750 w/ High Torque	250 or 200 w/ High Torque	1000 or 750 w/ High Torque	250 or 200 w/ High Torque	1000 or 750 w/ High Torque	250 or 200 w/ High Torque
Blade RPM Speed	Adjustable 200 - 1000	900	Adjustable 200 - 1000	900	Adjustable 200 - 1000	900
Cut Length	9999.99 Inches/Feet Max. Other units available.					
Power Supply	230/1/60	230/3/06	230/1/60	230/3/06	230/1/60	230/3/06
Weight	500 Lbs.				550 Lbs.	
Quick Change Bushing Holder	Standard	Optional	Standard	Optional	Standard	Optional
Quick Change Blade Holder						
Height- Adjusting Casters						

A wide variety of options are available.
Larger cutting diameters are also available.
 Specifications subject to change without notice.



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