Model CSC2

HIGH TORQUE CUTTING WITH SPEED AND ACCURACY

Conair Servo Cutters (CSC) maintain quality by precisely cutting corrugated, flexible, rigid tubing or custom profiles to length on-demand or automatically. Choose a CSC model when you want close tolerances at high speeds. Pick the CSC-L (light duty) models for maximum cuts per minute while cutting flexible tubing, or the heavy-duty model CSC with increased cutting torque for tough applications.

The eye-level operator interface, with front-mounted controls, allows easy setup and monitoring. The built in repeatability feature prevents inconsistent cuts.

ELIMINATE PARTS VARIATION; ENHANCE QUALITY

CSC servo cutters provide enhanced cutting quality with repeatability of ±0.10 millisecond.

The optional follower mode lets you input cut length and number of blades. The rotary encoder then automatically compensates for puller speed fluctuations to maintain very accurate cut lengths.

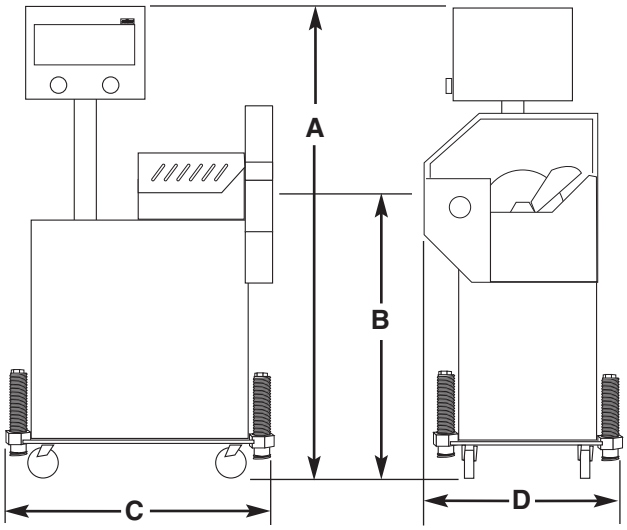
Offset bushing bores allow you to center parts on a 6 inch {152.4 mm} wide conveyor making it easy to position the conveyor.

This cutter has a category 2 safety circuit, a redundant safety control circuit, that offers the operator a higher level of safety.

- **Cut capacity up to 4-3/4 inches**
  Cut parts up to 4-3/4 inches {121 mm} in diameter while essentially eliminating part size variations.
- **Continuous duty positional servo**
  Positional accuracy of ±0.10 millisecond for the price of a velocity controlled servo.
- **All new operator control**
  The CSC features a user-friendly 7 inch {178 mm} touch screen with high visibility graphics and common sense commands for controlling the cutter. A large pop-up “soft” keypad makes recipe entry fast and easy.
- **Adjustable center line**
  The CSC Servo Cutter meets domestic or international requirements for centerline height as material travels into the cutter.
- **Enhanced cutting**
  CSC models include precision 4:1 inline planetary gear reducer for enhanced cutting torque. (maximum RPM=750)
- **High-speed**
  CSC-2L uses no reduction, which allows flywheel operation up to 2800 RPM.

CSC MODEL

SPECIFICATIONS



OPTIONS

- Stainless steel cutter head
- Cutting torque horsepower upgrade (Std. on CSC4 & CSC5)
- Follower cutting mode
- Timer mode
- Variable blade speed for on-demand and flywheel cut modes
- Slide base system
- Electric eye and bracket for use with end sense mode
- Blade wipe system
- Bushing lubrication system
- Left to right operation
- Special paint
- Blade heater with Athena temperature control

MODELS	CSC2L	CSC3L	CSC2	CSC3	CSC4	CSC5
Performance characteristics						
Extrudate capacity inches {mm} dia.	1.25 {318}	2.25 {572}	1.75 {445}	2.75 {699}	3.75 {953}	4.75 {1207}
Blade drive motor Hp {kW}	2.7 {1.86}	2.7 {1.86}	2.7 {1.86}	2.7 {1.86}	3.8 {2.8}	3.8 {2.8}
High torque motor*	N/A	N/A	3.8 {2.8}	3.8 {2.8}	STD	STD
Feed direction	right to left	right to left	right to left	right to left	right to left	right to left
Dimensions inches {mm}						
A - Height	63 {1600}	63 {1600}	63 {1600}	63 {1600}	63 {1600}	63 {1600}
B - Height to centerline (42 ± 2)	40 {1016}	40 {1016}	40 {1016}	40 {1016}	40 {1016}	40 {1016}
C - Width	36 {914}	36 {914}	36 {914}	36 {914}	36 {914}	36 {914}
D - Depth	24 {614}	24 {614}	24 {614}	24 {614}	24 {614}	24 {614}
Weight lb. {kg}						
Installed	600 {272}	600 {272}	600 {272}	600 {272}	600 {272}	600 {272}
Shipping	700 {317}	700 {317}	700 {317}	700 {317}	700 {317}	700 {317}
Total Amps for volt/phase/frequency						
460V/1/60Hz*	8.3	8.3	8.3	8.3	N/A	N/A
230V/3/60Hz*	18	18	18	18	18	18
208V/3/60Hz*	20	20	20	20	20	20
460V/3/60Hz* (standard)	9	9	9	9	9	9
575V/3/60Hz*	7	7	7	7	7	7
Cutter head						
Aluminum 2-position	Yes	Yes	Yes	Yes	NA	NA
Stainless steel 2-position*	NA	NA	Yes	Yes	STD	STD
Cutter Control	touch screen	touch screen	touch screen	touch screen	touch screen	touch screen
Slide Base*	Yes*	Yes*	Yes*	Yes*	Yes*	Yes*

SPECIFICATION NOTES:

* Optional

These tables define standard configurations only.

Specifications can change without notice. Contact a Conair representative for the most current information.