

# CS338 SPECIFICATIONS

REV 1 02/19/2014

## Machine Speed

Set for Maximum feed speed, no marking, .25 strips

Length inches (mm)	Parts per Hour (with stripping)	Parts per hour (cut only)
4 (101.6)	2340	7800
6 (152.4)	2240	6840
12 (304.8)	2000	4980
24 (609.6)	1640	3270
36 (914.4)	1400	2430
48 (1219.2)	1200	1920
72 (1228.8)	960	1350
96 (2438.4)	800	1020
120 (3048)	675	840
144 (3657.6)	585	720
180 (4572)	495	570
240 (6096)	390	450

## Length accuracy

Length accuracy specification of the CS336, CS337, CS338

The wire length accuracy of these machines is +/-1%.

The strip length accuracy is 1% or 0.010 inches, whichever is greater.

These tolerances are the repeatability from one wire in a batch to the next. The machines themselves have a motor resolution resolution of approximately 0.006 inches, meaning the motors are capable of fairly high accuracy. The physical interaction of the wire on the belts is what causes the 1% tolerance. Some wire will run with much more consistency and some will have more variance reaching the limits of the tolerance, it all depends on the physical properties of the wire. It should be noted that in the machine software that the overall wire length can be calibrated. In newer versions of software two features were added. The strip length can be calibrated and all the calibration values are stored with the part program so when the wire is recalled these values will be used.

Software versions with strip calibration and storage

CS336	Control H-2439 ver 7.4 and higher
CS336	Control 5-142881 ver 20.0 and higher
CS337	Slide bearing cutter, Control H-2439 ver 9.2 and higher
CS337	Roller bearing cutter, Control H-2439 ver 10.2 and higher
CS337	Slide bearing cutter, Control 5-142881 ver 15.0 and higher
CS337	Roller bearing cutter, Control 5-142881 ver 30.0 and higher
CS338	ver 40.0 and higher.