



ICONIC CNC i2015 Specifications

Item	Description	Specifications
Table Size	Width x Length	23.75" x 25" (604mm x 635mm)
Travel	Max. Carving Area (XYZ)	20" x 15" x 4" (508mm x 381mm x 102mm)
Cutting Tools	Shaft Size	1/4" and 1/2" (6mm and 12mm)
	Types	Conical Bit: 1/32" Radius Ball-Nose End Mill: 1/8" Diameter V-Bit: 1/4" x 60° V-Bit: 1/2" x 90°
	Max. Cutting Depth	1" (25.4mm)
Spindle	RPM	6,000~20,000 RPM
	Motor	0.8HP, 600w Brushless DC Motor
X & Y Ball Screw	Diameter x Pitch	Diameter = 16mm x Pitch = 10mm
	Thread	Ball Thread
	Nut Number	Single Nut
	Nut Material	SCM415H
Z Ball Screw	Diameter x Pitch	Diameter = 16mm x Pitch = 5mm
	Thread	Ball Thread
	Nut Number	Single Nut
	Nut Material	SCM415H
Rail	Igus Brand	10mm
	No. of rails per X/Y/Z	2
	No. of blocks per X/Y/Z	4
Feed Speed	Max. Speed of X/Y/Z	X, Y = 236"/minute, Z = 118"/minute
	Positional Accuracy	0.002" (0.05mm)
	Reposition Accuracy	±0.002" (±0.05mm)



ICONIC CNC i2015 Specifications (Cont.)

Item	Description	Specifications
Step Motor	X/Y/Z Max. Torque	98 oz-in (0.69N-m)
	X/Y/Z Step Angle	1.2°
	X/Y/Z Voltage & Current	24V/Phase (Max.) & 3A/Phase
Control Interface	LCD	1" x 3" (26mm x 78mm)
	Display Characters	12 x 4
	Control Panel Size	5.5" x 5.7" (140mm x 145mm) (incl. LCD & Keyboard)
	Status Light	Red / Green
	Data Interface	USB Port (x1)
Limit Switch	No. of Switches per Axis	2
Dimensions	Machine Height	26.33" (669mm)
	Space (Width x Length)	34.25" x 34.5" (870mm x 877mm)
	Machine Weight	163lbs (74 kg)
Other	Power In	AC 120V 6A 60Hz
	Power	720 W
	Design Software	iPicture & ArtCAM Express