



ICONIC CNC™

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AΣT Labs

Where Industry and Education Converge

www.aetlabs.com

888.768.4550



INTRODUCING THE **ICONIC**CNC™ XMSERIES

Inspired by our commitment to provide customers with an amazing user experience, ICONIC Inc. proudly unveils the CNC Machine that you have been looking for.

Reliable. Durable. Easy-to-use.
Featuring the industry's best
Technical Support Team.

We are relentless in our efforts to provide you with *not only* a great machine, but all the resources necessary to get the most out of your investment.



- ◆ High-frequency, Variable-Speed Spindle
- ◆ Mobile Base with Built-In Dust Collection System
- ◆ Z-Axis Auto-Indexer, for multi-tool operations
- ◆ Full Linear Bearings & Ball Screw Transmission on all 3 Axis'
- ◆ 4 Standard Tools + 8-Piece Amana Tool Kit, featuring Spektra Technology
- ◆ 40-Seat VCarve Desktop License
- ◆ Fully Assembled, Calibrated and ready to run





ICONIC CNC i2015XM Specifications

Item	Description	Specifications
Table Size	Width x Length	23.75" x 25" (604mm x 635mm)
Travel	Max. Clearance Area (XYZ)	20" x 15" x 5.5" (508mm x 381mm x 140mm)
Cutting Tools	Shaft Size	1/4" and 1/2" (6mm and 12mm)
	Types	Conical Bit: 1/16" Radius Ball-Nose End Mill: 1/8" Diameter V-Bit: 1/4" x 60° V-Bit: 1/2" x 90°
	Max. Cutting Depth	2" (50.8mm)
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	X/Z Axis	Linear Bearing Rail
	Y Axis	Linear Guide
	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 i2015XM Specifications

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	250lbs
Other	Power In	AC 120V 6A 60Hz
	Power	720 W
	Design Software	iPicture & VCarve Desktop



ICONICCNC Education Pricing Information

(All Education Packages have a flat shipping rate of \$299.00 in North America*)

ICONICCNC ie2015XC Education Package // \$7,999.00 USD

Includes:

- ◆ 20" x 15" X Series CNC Machine
- ◆ Steel-Frame Stand
- ◆ 40-Seat VCarve Desktop License
- ◆ iPicture Design Software
- ◆ Unlimited Technical Support
- ◆ Lexan Safety Enclosure
- ◆ Integrated Dust-Collection Adapter
- ◆ 4 Standard Tools + 8-Piece Amana® Tool Kit
- ◆ Online Training Tutorials
- ◆ Full 3-Year Warranty

ICONICCNC ie2015XM Mobile Education Package // \$8,999.00 USD

Includes:

- ◆ 20" x 15" X Series CNC Machine
- ◆ Lexan Safety Enclosure
- ◆ 40-Seat VCarve Desktop License
- ◆ iPicture Design Software
- ◆ Unlimited Technical Support
- ◆ Mobile Base with Built-In Tool Storage
- ◆ Integrated Complete Dust-Collection System
- ◆ 4 Standard Tools + 8-Piece Amana® Tool Kit
- ◆ Online Training Tutorials
- ◆ Full 3-Year Warranty

ICONICCNC ie2015XCT Education Package // \$11,999.00 USD

Includes:

- ◆ 20" x 15" X Series CNC Machine
- ◆ Steel-Frame Stand
- ◆ 40-Seat VCarve Desktop License
- ◆ iPicture Design Software
- ◆ Unlimited Technical Support
- ◆ Lexan Safety Enclosure
- ◆ Integrated Dust-Collection Adapter
- ◆ 4 Standard Tools + 8-Piece Amana® Tool Kit
- ◆ Full 3-Year Warranty
- ◆ 2-Day On-Site Setup & Training

ICONICCNC ie2015XMT Mobile Education Package // \$12,999.00 USD

Includes:

- ◆ 20" x 15" X Series CNC Machine
- ◆ Lexan Safety Enclosure
- ◆ 40-Seat VCarve Desktop License
- ◆ iPicture Design Software
- ◆ Unlimited Technical Support
- ◆ Mobile Base with Built-In Tool Storage
- ◆ Integrated Complete Dust-Collection System
- ◆ 4 Standard Tools + 8-Piece Amana® Tool Kit
- ◆ Full 3-Year Warranty
- ◆ 2-Day On-Site Setup & Training