ArcStar M48

ArcStar
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$14,995

4' x 8' CNC

ArcStar M48 - Features

Frame	Welded 6" steel
Guidance System	HIWIN Linear Guide Rails
Controller	CC-M4D Dedicated Professional Controller
Exhaust System	Dry Downdraft with 110V Extraction Fan
Ohmic Sensing	Automatically detects material surface height
Limit Switches	Protects all axis from overtravel
Homing Sensors	Allows table indexing
Collection Drawers	Fast and easy part retrieval
Magnetic Breakaway	Protects torch from tip-ups
Vectric Cut2D Software	Easy, all inclusive CAD/CAM software
Rollaway Wheels	Easily move table – integrated jack pads
Remote Control	Available at no additional cost

Quality - Our box frames are welded from 6" tubular steel. A professional control panel is dedicated to running the table, and includes an integrated library of parts. Every table is thoroughly inspected, and individually test run before leaving our facility. Each comes complete with all the upgrades you could want - ohmic sensing, arc voltage height control, arc sampling, breakaway magnetic torch mount, floating head, rollaway wheels, limit and homing sensors - it's all there.

Ease of Use - Our single software solution is the easiest workflow process you'll find. Other, plasma tables require three different software programs - one for design, one for nesting, and one for control. ArcStar uses only one software program, and it does it all. It designs, nests, adds cut paths, and determines cut order - all in one, easy to use program.

Support - If you're looking for information on a plasma table, you've come to the right place. We know you want to 'buy right' the first time around, and you'll find our customer support second to none. Call us now at (707) 452-8434.

Training - We offer classroom training on select Sundays and Mondays of each month. Training is FREE for all of our customers. Please make sure to call and reserve a spot ahead of time, as space is limited. Of course, our Library page is full of in-depth plasma articles. The Videos page has informative tutorials.

The Table - The frame of the table is the true backbone of a good plasma system. Our frames are welded tubular steel. Our slats are steel 'sharktooth' style, which are stronger and hold the material in place securely, without negatively affecting torch height control. The table top is surrounded by heavy duty ball rollers, making material loading a breeze. Gantry clearance is a whopping 8". Both X and Y table movement uses HIWIN linear guide rails, for precise table guidance. For smoke reduction, our table sides are enclosed, and a high velocity suction fan at the end of the table draws the smoke and fumes away from the user. Collection drawers, located inside the table, conveniently 'catch' any dropped parts. Underneath the table are four industrial roll-a-way caster wheels that allow a single person to easily move the table and then level it with the built in jack pads. Of course all axis are protected by limit switches. And exact repositioning is precise and easy with the built in X and Y homing sensors.

The Controller - The heart of the table is the MicroStep CC-M4D controller. This professional controller allows the user to precisely adjust all the cut parameters. Internal memory allows users to save frequently cut files on the flash drive. This feature allows users to resize, rotate, nest and cut parts without leaving the controller. Ohmic sensing for initial touch off? Included. Floating head backup? Check. Arc Voltage Control for dynamic height sensing during the cut? Built in. And ease of use? The dedicated controller eliminates the need to learn a windows based software program.

The Software - Each table purchase includes a copy of Vectrics Cut2D PRO software. Software that you own. No monthly fees, and no expensive upgrades. Cut2D PRO does both CAD and CAM, all in one package. Design, add cut paths, nest, sequence cut paths - and all in one, easy to learn software.

ArcStar M48 - Specifications

Machine Weight	2150 lbs
Crated Weight	2358 lbs
Machine Dimensions	84" wide x 131" long x 54" tall without mounted fan
Crated Shipping Dimensions	88" wide x 132" long x 66" tall
Table base footprint	65.5" wide x 127" length
Controller base footprint:	18.25" wide x 17.5" length
Controller height	53"
Table slat bed size	53" X axis, 118" Y axis
Total table movement	55.25" X axis, 100" Y axis
Usable movement over cutting surface (slats):	53" X axis, 100" Y axis
Extreme table width (motor cover to motor cover)	84"
Extreme table length - (excluding fan)	128.5"
Table deck height	28.5"
Side to side gantry clearance (widest sheet width)	64.5"
Slat to gantry vertical clearance	7.375"
Fan dimensions	14" wide x 12.5" length
Tabletop dimensions	63" wide x 129.5" length