

DM-500-P AUTOMATED 45/90 MITER SAW



Features

- Highly efficient saw for 90-degree and 45-degree cutting of PVC, aluminum, wood, and other materials
- Two independently controlled saw motors incorporated into one stationary cutting area
- Left to right direction of feed relative to machine operator. Lead motor capable of cutting 90-degree or 45-degree angles using robust linkage-pivoting systems to change blade angle. Out-feed motor fixed at 45-degree cutting angle.
- Independent control of saw motor assemblies allows for absolute minimum cut scrap and cut length possible.
- Rear approach blades with saw assemblies controlled by hydro-pneumatic feed system
- Each saw motor is 3 horsepower / 3,450 rpm
- Cutting Capacity - available capacity to cut two typical frame profiles or up to four typical sash profiles per cycle, depending upon extrusion shape and fixturing requirements
 - o At 90 degrees - approximately 7" high x 13" deep (reference cut chart)
 - o At 45 degrees - approximately 4" high x 11" deep (reference cut chart)
- Integrated pneumatic vertical clamping with quick-change fixtures for rapid change-over between profile shapes, easily accessible by operator from front guard
- Heavy duty steel frame with sheet metal enclosure
- Designed for ease of maintenance - all rotating bearings are "lubed-for-life" and linear bearings do not require lubrication
- Spraymist coolant system for aluminum cutting applications

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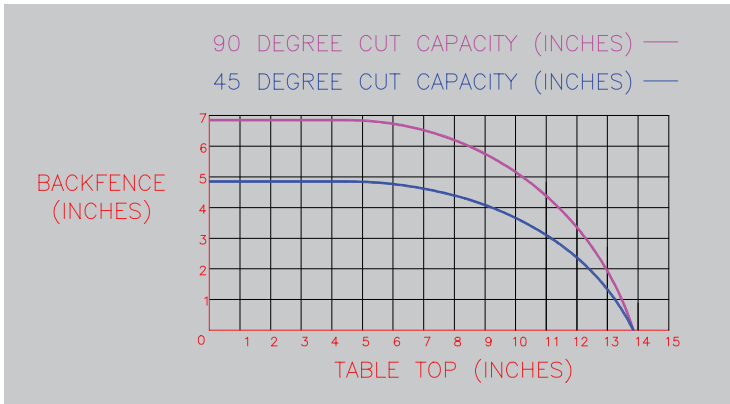


Operator interface via industrial grade PC workstation with flat panel liquid crystal color display, touch screen functionality and Windows-based operating system.

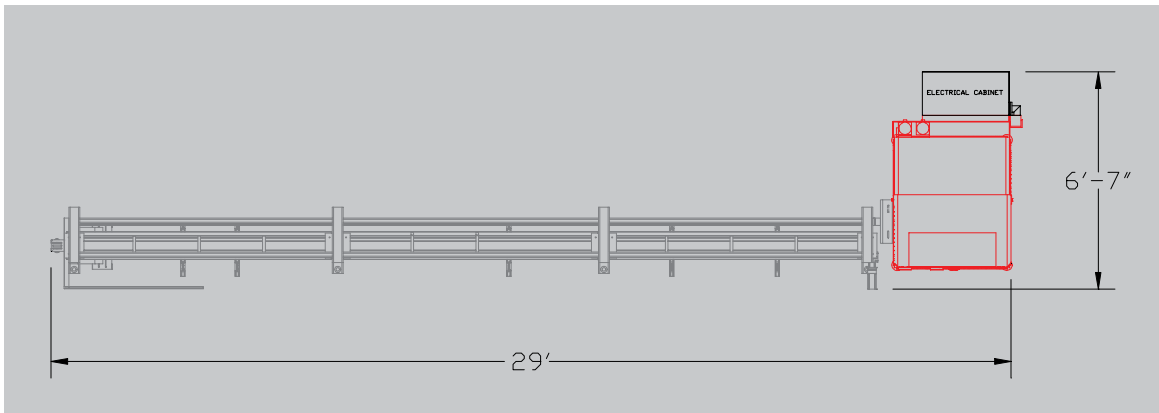
Features:

- 12.1" Active Matrix screen
- Pentium III 850 MHz processor
- Simplified user-friendly screens
- Greater control of production data at the point of operation
- Detailed fault screen with text messages, pictorial troubleshooting guidelines and direct view of PLC

Table top tooling is engineered for customer specific profiles. Unique mounting design requires no tools for change-over. Two-track shown.



Cutting chart, not including fixtures



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