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Stop

OMGA
WOOD be nice.

Numerically Controlled Positioning Stop

OMGA Stop RH -- Numerically controlled stop and positioning system, to be installed on the Right Hand side of the machine. Available in 6', 10', 13', 16', 22', or 30' working lengths.

OMGA Stop LH -- Numerically controlled stop and positioning system, to be installed on the Left Hand side of the machine. Available in 6', 10', 13', 16', 22', or 30' working lengths.

Omega Stop RH

Omega Stop LH

The OMGA Stop is a numerically controlled stop and positioning system that can be used in conjunction with a variety of machines such as up-cut saws, radial arm saws, table saws, drills, miter saws, double miter saws and other, for wood, plastics and metal. Used as a gauge, the OMGA Stop eliminates the need of imprecise and repetitive use of the tape measure while optimizing the sequential processing of a lot of material. When used as a pusher this intelligent tool can really turn a simple manual machine into a truly powerful manufacturing cell, allowing the user to complete the most demanding tasks. A variety of Interlink Kits are available for different degrees of automation and connection to the machine. The system comes complete with software for both Pusher, Stop and Picture Frame applications, there is nothing additional to purchase! Software Operates in either millimeters or inches. Input can be in fractional form as well as decimal. The onboard Controller can be supplied in a selection of five different languages. The unit includes advanced diagnostic capabilities for ease of troubleshoot. In addition to direct data entry the OMGA Stop also includes one USB two serial RS 232 and one RS 485 ports to allow for interfacing to other computers, bar code reader, printers, USB Memory Keys and other devices.

HARDWARE

- Backlit display (two alphanumeric lines)
- Keyboard with 22 multi-function keys
- RS232 serial port (PC)
- RS485/232 serial port (Barcode reader* or printer*)
- USB Drive SOFTWARE
- The system can operate on a metric or imperial basis (even fractions of an inch) and in five languages (US-IT-ES-FR-D)
- Complete fault analysis and error message system
- Available in various versions to fulfill the user's needs
- Memory: maximum capacity of 500 lines that can be used with great versatility (i.e.: 10 programs of 50 lines each or five programs of 100 lines). Each program can contain information pertaining to lengths and number of pieces. It is possible to work with incremental, absolute, or with pre-established sequences.

TECHNICAL DATA

• Brushless Motor Power	0.66 Kw (0.9 HP)
• Maximum Traversing Speed	200 FPM
• Positioning Accuracy	+/- .004"
• Software Versions Included	Pusher Basic, Advanced Pusher and Picture Frame
• Maximum Number of Programs	500
• Connection Ports	1 X USB, 2 x R S232 and 1 x RS 485
• Removable Media	3 1/2" Floppy Drive (Optional)

OPTIONAL EQUIPMENT

• Table and Legs for OMGA Stop	Available in 6', 10', 13', 16', 22', or 30' lengths.
• Basic Bracket with Shock Absorber	Available in LH (left hand) or RH (right hand) versions.
• Vertical Tail Clamp Attachment	Attachment with Vertical Tail Clamp, mounts to Basic Bracket with Shock Absorber.
• Horizontal Tail Clamp Attachment	Attachment with Horizontal Tail Clamp, mounts to Basic Bracket with Shock Absorber.
• 45 Degrees Bracket for V 235	Bracket for "V" Machines (V 235) for OMGA Stop (Includes Safety and Link Kit). Available in LH (left hand) or RH (right hand) versions.
• Bracket for Miter Saw	Connects the OMGA Stop table to the base of the OMGA Mitre Chop Saws.
• Bracket for Radial Arm Saws	Connects the OMGA Stop table to the frame of the OMGA Radial Arm Saws.
• Bar Code Reader	Allows to scan bar code labels and transfer the scanned data into the OMGA Stop Controller. This option works only with the Picture Frame software already included with the standard OMGA Stop unit.
• Label Printer	Enables the system to print peel-off labels for parts identification.
• Generic Safety & Link Kit	Connects the machine to the controller of the OMGA Stop to ensure safety during operation.
• Up-Cut Safety & Link Kit	Connects the OMGA T 421 ST or T 521 ST to the controller of the OMGA Stop to ensure safety during operation.
• Miter Safety & Link Kit	Connects the OMGA T 50 350 or T 53 350 w/oil-Pneumatic Descent, to the controller of the OMGA Stop to ensure safety during operation.