

WELDMATE™

Vinyl Welding Machine Interface

Increasing the efficiency of your vinyl welding machinery ensures maximum performance and increased profits.

WELDMATE™ provides a highly efficient method to produce welded vinyl windows. LINEALMATE™, PMC Software's lineal optimization software, automatically groups orders containing welded windows for processing. These groupings are based on a host of criteria such as how many sash or main frames can be processed at one time and whether the processed part is a main frame or top or bottom sash.

With LINEALMATE™, extrusions are cut and pre-sorted in the vinyl cutting department to eliminate ALL sorting of window components. Each cart contains cut-to-length order components that will be processed on a particular vinyl welder based on the machine's capabilities.

WELDMATE™ automatically generates the necessary control instructions for the vinyl welder to open to the pre-determined loading position. The operator simply checks the monitor and selects the schedule to be processed. Information such as cart identification number and bin location is displayed for each mainframe or sash component, allowing each window component to be easily pulled from its designated cart bin location and loaded into the machine.

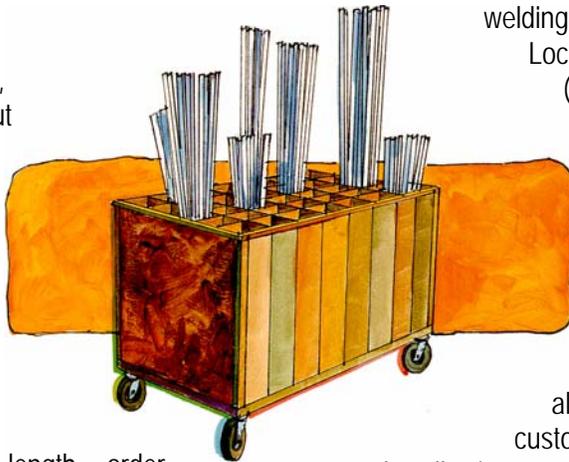
As like size dimensions can sometimes cause confusion, WELDMATE™ instructs the operator as to which parts are the side rails and which are to be loaded into the top and bottom position.

Once components are loaded and the cycle start selected, the welder automatically closes to the exact finished dimension of each mainframe or sash. This feature eliminates all manual data entry, which can be time consuming and can cause machine accuracy problems.

The most efficient means to get WELDMATE™ information to a vinyl welding machine is via a Local Area Network (LAN). This method provides the ability for your operators to simply look at a monitor and select the schedule to be processed. It also increases customer satisfaction by allowing your Sales department to process "Hot or Rush" orders on the fly.

PMC Software has developed a wide range of vinyl welding machine interfaces. This feature provides the ability to pick and choose vinyl welding machinery based on your production requirements and budget – no matter who the equipment manufacturer may be.

WELDMATE™ increases productivity and profitability in your vinyl welding department.



Increased productivity

- Provides automated control interface
- No need to manually input data
- Orders processed based on machine capabilities

Maximized vinyl welder efficiency

- Greatly reduced vinyl welder setup time
- Increased vinyl welding machine performance
- Wide range of machine interfaces provided
- Improved vinyl welding accuracy

Reduced labor costs

- Eliminate sorting orders for production
- Reduced cart usage
- Increased operator efficiency

Improved customer satisfaction

- Customer orders processed faster and with more control
- On-time deliveries ensured



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