



Integrating Plastic Technologies Since 1965

MERIDIAN 4

Central System Control

Intuitive and Powerful, The Meridian 4 Control Maximizes Up-time.

Hamilton's Meridian 4 Central System Control is a powerful intuitive control which will create the most versatile and discrete system on the market. With an adaptive system configuration of up to 96 stations and 32 vacuum pumps, Meridian 4 can accommodate any plant configurations.

First in, first out technology automatically identifies which stations require priority to ensure that your receivers keep up with high demand machines without sacrificing system performance.

The only control that works with Hamilton's proprietary common material sequence designed to eliminate vacuum leaks and improve system performance.

Automatic pump shutdown works in conjunction with Hamilton vacuum pump run valves to keep pumps from cycling when demand is high but stops them from idling to reduce energy costs.

The high resolution 7" wide touch screen display provides easy to navigate real-time monitoring, and can alert you with on screen alarms or e-mail alarms in order to maximize up-time.



Features & Benefits

- Expandable up to 96 stations, 32 pumps and 32 purge valves.
- High Definition touch-screen display.
- Built in VNC server allows remote hosting of the HMI (requires network connection).
- Automatic pump shutdown works in conjunction with run-valves to reduce operating costs.
- Pump oil change and filter change alarms.
- Station prioritization allows high output machines the time they need.
- "No Convey" Alarm alerts of possible material line clogs or empty material bins.
- 115/1/60 Supply Voltage with 24V DC Control Voltage Standard





Meridian 4 - Central Loader Control

Economical & Expandable:

Buy only the control capacity you need now. The Meridian 4 panel grows with your business, expand with additional modules to expand up to 144 stations, and 40 Pumps.

Remote Access Via Web Pages

High resolution touch-screen display can be connected via Ethernet to be viewed or controlled from any PC, anywhere, anytime.

System Flexibility

Pumps and stations are user selectable to fit customer's changing needs. One of the primary benefits of the Meridian 4 Control series is the ability to customize it to meet changing factory needs.

Preventative Maintenance

The Meridian 4 control automatically keeps track of equipment run times to alert you when to schedule preventative maintenance.



Model	Alarm	No. of Receivers	No. of Pumps	Height inch (mm)	Width inch (mm)	Depth inch (mm)
98.240.1111	✓	11	2	16 (406)	14 (355)	6 (152)
98.240.1121	n/a	12	2			
98.240.1231	✓	23	4	20 (508)	20 (508)	8 (203)
98.240.1241	n/a	24	4			
98.240.1351	✓	35	6	30 (762)	24 (609)	8 (203)
98.240.1361	n/a	36	6			
98.240.1471	✓	47	8	30 (762)	30 (762)	8 (203)
98.240.1481	n/a	48	8			
98.240.1000	Optional	12-96	1-32	16 (406)	14 (355)	6 (152)

