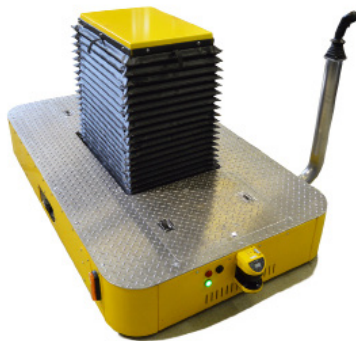
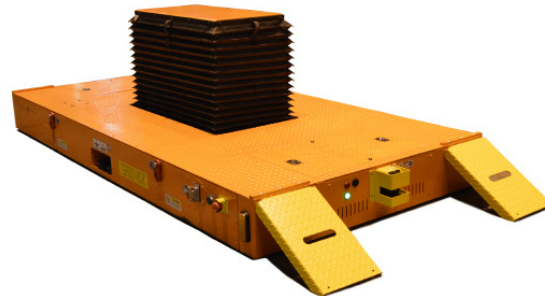


## THE MANUALLY GUIDED VEHICLE (MGV)



### KEY DESIGN FEATURES

- Dual programmable warning lights
- Dual E-stops (one per side)
- Status indicator lights
- Buzzer – Audible alarms
- Battery status and on-board charger
- Cooling vents and intelligent forced air cooling during charging
- Standard 110V, 15A, recessed male receptacle
- Dual fail safe, manual brake release
- Scissor lift for elevation changes (MH 29.1 compliant)
- Unibody design for strength and robustness
- PLC provides customization of operating and safety features

Handling Specialty is pleased to present its latest engineered handling solution called the Manually Guided Vehicle (MGV). The manually operated equipment is feature rich and designed for the advanced manufacturing sector who are focused on continuous improvement.

Our goal was to produce a product that would allow our customers to immediately improve their manufacturing performance at low cost. Furthering this, we wanted to provide our customers with the opportunity to grow this investment at a pace and cost that matches their growth. To this end, the MGV is convertible to an AGC at very low cost and with very low effort and thus the productivity of the investment grows with you.

Please contact our sales office and discuss the idea of using our “try buy” system where you can apply a test unit right in your own test facility.

FEATURE	ADVANTAGE	BENEFIT
DC Power	No extraneous power systems required Converts easily for opportunity charging	<ul style="list-style-type: none"> <li>Access to the product being assembled is unrestricted by power cord</li> <li>Power is available to the carrier at all times (even when it is off the main assembly area)</li> </ul>
DC Drive Motors	Integral brake	<ul style="list-style-type: none"> <li>No separate action or mechanism required to brake the carrier when moving between stations, or when driving finished vehicle off</li> </ul>
DC Drive Controller	Provides ramped acceleration and deceleration of motor speed	<ul style="list-style-type: none"> <li>Provides smoother starting and stopping of carrier when moving between stations</li> <li>Constant speed for drive</li> </ul>
Polyurethane Wheels	Minimizes floor wear and reduces noise emissions	<ul style="list-style-type: none"> <li>Reduced maintenance costs for floor repairs/resurfacing</li> <li>Quieter work environment</li> </ul>
Checker-plate Carrier Deck	Ridges on checker-plate provide grip	<ul style="list-style-type: none"> <li>Improved safety as less chance of operator or vehicle slipping on carrier deck</li> </ul>
Four-wheel-drive Carrier	No additional power train components to wear out or maintain	<ul style="list-style-type: none"> <li>Stability</li> </ul>
Intelli-Steer Drive	Highly responsive	<ul style="list-style-type: none"> <li>Provides ZTR (zero turning radius) and outstanding maneuverability</li> </ul>
Floor Sweepers	Deflect debris	<ul style="list-style-type: none"> <li>Minimize potential for damage to wheels and floor</li> </ul>
Recessed Foot Pedals	Lift control foot pedals are recessed into side of carrier	<ul style="list-style-type: none"> <li>Pedals are close to floor level providing ergonomic operation</li> <li>No trip hazard created by pedals mounted external to carrier profile</li> </ul>
Dual Axis Analog Joystick	Precision responsiveness for directional and speed commands	<ul style="list-style-type: none"> <li>Responsive, intuitive, low-effort, low impact steering</li> </ul>
Operator Controls System	Presents the operator interface at a constant ergonomic height	<ul style="list-style-type: none"> <li>Quick connect and disconnect for left or right handed workers</li> </ul>
Quick Access Maintenance Covers	Hydraulic power unit and drive wheels are conveniently located under large access covers	<ul style="list-style-type: none"> <li>¼" turn lockable latches with recessed handles</li> </ul>
Modular Hydraulic Power Unit	Pre-assembled hydraulic power unit installed as a single assembly	<ul style="list-style-type: none"> <li>Replacement of hydraulic power unit can be performed quickly and easily</li> </ul>
Lift — Perimeter Bellows	Protects scissor lift from ingress of debris or work floor materials	<ul style="list-style-type: none"> <li>Provides a safety warning</li> </ul>
Lift — Hydraulic Cylinders	Provide cost-effective lifting force	<ul style="list-style-type: none"> <li>High strength-to-space ratio and indirect overload protection</li> </ul>