

# Blue Genius™ Controls

GOLD AND PLATINUM SERIES

# BLUE GIANT®



Northern  
Dock Systems



Blue Genius™  
T o u c h      C o n t r o l

MASTER CONTROL STATIONS



SUPERIOR TECHNOLOGY • ENHANCED COMMUNICATION

## Blue Genius™ Master Control Panels: Gold and Platinum Performance for Dock Operations


The Blue Genius™ Master Control Panels represent the highest level in loading dock safety and productivity. A single control station integrates all required functions, enabling the safe and simplified operation of any dock system from one central location.

### Versatile Application

By providing a single source for dock operations, the Blue Genius™ Master Control Panels improve safety, efficiency, and productivity while reducing electrical costs and optimizing wall space.

Gold Series III Control Panel		<p>Consolidates the controls for multiple interconnected dock devices:</p> <ul style="list-style-type: none"> <li>• Dock leveler</li> <li>• Vehicle restraint</li> </ul> <p><b>Optional:</b></p> <ul style="list-style-type: none"> <li>• Overhead door</li> <li>• Inflatable seal</li> <li>• Dock lights</li> </ul>
Platinum Series Control Panel		<p>Consolidates the controls for multiple interconnected dock devices:</p> <ul style="list-style-type: none"> <li>• Dock leveler</li> <li>• Vehicle restraint</li> <li>• Overhead door</li> <li>• Inflatable seal <sup>◇</sup></li> <li>• Dock light <sup>◇</sup></li> </ul>

### Blue Genius™ Master Control Panels: See the Advantages

<b>A Microprocessor Based Design<sup>†</sup>:</b>	Intelligent programmable menu options support software based upgrades.	<b>J Advanced Light Communication Package:</b>	LED interior and exterior lights signal safety conditions to dock personnel and truck drivers.
<b>B Printed Circuit Board</b>	Eliminate performance problems associated with loose wiring.	<b>K Duplex Receptacle/ Step-Down Transformer<sup>†</sup>:</b>	Optional: available for customized installations.
<b>C Touch Controls:</b>	Flat surface buttons will not wear down, break, or collect dirt.		
<b>D LCD Menu Screen:</b>	Displays equipment status as well as detailed operating and troubleshooting instructions.		
<b>E Numerical Touch Keypad:</b>	Vehicle restraint bypass and security options supported via code.		
<b>F Polycarbonate Enclosure:</b>	NEMA4X / IP65 rated (washdown and corrosion resistant).		
<b>G Rotary Disconnect:</b>	Cuts power to the control panel in preparation for servicing and maintenance.		
<b>H Audible Alarm<sup>†</sup>:</b>	Optional: Brings safety issues to dock attendant's attention.	Blue Genius™ Gold Series III panel shown.	
<b>I STOP Button:</b>	Halts or limits the motion of all interlocked equipment and door.		

Blue Genius™ Gold Series III panel shown.

<sup>†</sup>Some features and configurations may be optional and / or not illustrated here.

## Superior Technology and Advanced Safety

- The sequence of equipment operation is properly interlocked to optimize safety and productivity. Operating sequences can be customized to suit application needs.
- The microprocessor based design makes operational upgrades quick and easy. All function expansions are done via software: no need to replace the panel.
- Printed circuit board technology provides trouble-free wiring, eliminating performance issues associated with the deterioration of mechanical switches and wires.
- NEMA4X / IP65 rated polycarbonate enclosure is washdown and corrosion resistant, making it compatible with facilities that must adhere to FDA's high cleaning standards, such as pharmaceutical and chemical handling locations.
- Audible touch buttons and numeric keypad are flat-surface in design, and will not break off or wear down with extended use. All buttons provide instant sound feedback to user input.
- The large LCD screen displays clear and accurate instructions for the operation and troubleshooting of all connected dock equipment. Multi-language support available.
- An interior and exterior LED lights communication system continually displays safety conditions to dock personnel and truck drivers, reducing the risk of accident or injury.
- A 'STOP' button allows the operator to halt or limit equipment motion in the event of a potential emergency.
- Built-in audible alarm alerts operators to certain potentially unsafe conditions.
- Vehicle restraint bypass and security options supported via numeric code. No downtime due to broken or missing keys. Personalized code levels available.



Blue Genius™ Platinum Series panel shown.

The **Blue Genius™ Gold Series** features a user-friendly, LCD screen that provides real time, easily understood instructions for operation, maintenance and diagnostics as well as supervisory keypad lockout and override function.

The **Blue Genius™ Platinum Series** operates various combinations of loading dock equipment. A single control panel integrates all required functions, enabling the safe and simplified operation of any dock system from one central location.



Feature	Gold Series I	Gold Series II	Gold Series III	Platinum Series
Operates dock leveler	Standard	—	Standard	Standard
Operates vehicle restraint	—	Standard	Standard	Standard
Combination controls	—	—	Standard	Standard
Communication package (traffic lights)	Optional <sup>f</sup>	Standard	Standard	Standard
Operates overhead door	Optional	Optional	Optional	Standard
Door interlock provision	Standard	—	Standard	Standard
Operates inflatable seal	Optional*	Optional*	Optional*	Optional* ◇
Operates dock light	Optional*	Optional*	Optional*	Optional* ◇
Personalized security features	Optional	Optional	Optional	Standard
Rotary disconnect, integral fused	Optional**	Optional**	Optional**	Standard
Duplex receptacle, 115 VAC, NEMA 5-15	—	—	—	Optional* ◇
LCD display: Operator troubleshooting	Standard	Standard	Standard	Standard
Trilingual LCD display text	—	—	—	Standard

**Available in standard industry voltages:**

1PH / 115V – 240V / 50-60HZ

3PH / 208V – 600V / 50-60HZ – Standard for

Platinum Series

\*Blue Genius™ **Gold Series** can only have the dock light OR inflatable enabled, not both. 115V only.

\*\* External non-fused rotary disconnect. <sup>f</sup> Communication package lights are optional.

◇ Specify when ordering

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Blue Giant offers a full line of dock levelers, dock safety equipment, seals and shelters, accessories, ergonomic and scissor lift equipment and industrial trucks. Concurrent with our continuing product improvement program, specifications are subject to change without notice. Please contact Blue Giant for latest information. Some features illustrated may be optional in certain market areas.



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