



Evolution

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NEW IMPULSE®•G+ MINI ADJUSTABLE FREQUENCY CRANE CONTROLS AVAILABLE NOW



Magnetek's New IMPULSE•G+ Mini Packs a lot of Power in a Compact Design!

The **NEW** IMPULSE•G+ Mini from Magnetek continues our history of providing the most reliable and cost-effective adjustable frequency crane controls available. The low horsepower (HP) IMPULSE•G+ Mini is our easiest to program drive to date, with user-friendly standard programming for basic applications and advanced programming capability for high performance environments. The IMPULSE•G+ Mini is designed with an expanded HP range (up to 20HP) in an identical dimensional footprint as the IMPULSE®•P3 Series 2 (up to 5HP), and a smaller footprint beyond 5HP. It has been extensively tested and is backed by Magnetek's two-year warranty. All this, plus assured reliability and lower cost make the IMPULSE•G+ Mini Adjustable Frequency Crane Control the product of choice for your overhead material handling needs.

For more information on the new IMPULSE•G+ Mini, contact Magnetek Material Handling Inside Sales at 800.288.8178 or your local Magnetek Sales Representative, or visit our website at www.magnetekmh.com.

CONDUCTOR BAR RECEIVES cUL CERTIFICATION FROM UNDERWRITERS LABORATORIES

We are pleased to announce that our Electrobar® 8-Bar and FS Conductor Bar product lines have recently received a cUL Listing from Underwriters Laboratories. Soon you will see the revised cUL Listing Mark on both product lines.

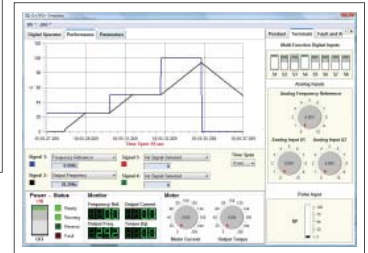
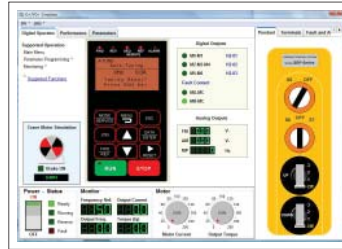


TAKE A LOOK AT OUR NEW IMPULSE DRIVE SIMULATION SOFTWARE

Magnetek's new IMPULSE drive simulation software is a Windows-based PC program that allows you to experience programming the functions of a drive right on your computer. This valuable training and troubleshooting tool is an affordable alternative to purchasing a product demo model. A variety of drive capabilities can be experienced, including:

- Programming a drive using a keypad interface
- Running the drive using a pendant station
- Monitoring input/output status
- Programming/executing special functions within the drive such as auto-tuning
- Simulating motor loading
- Charting/viewing performance characteristics
- Simulating alarms/faults
- Viewing/editing parameter settings

The drive simulation software demonstrates the features of our IMPULSE®•G+/VG+ Series 3 Drives and our **new** IMPULSE•G+ Mini Drive. Contact Magnetek Material Handling Inside Sales at 800.288.8178 or your local Magnetek Sales Representative for a demonstration or to order the drive simulation software on CD.



CUSTOM SOFTWARE MAXIMIZES IMPULSE® DRIVE PERFORMANCE

Magnetek offers several custom software applications that can be added to our already robust IMPULSE® Drives to meet your unique requirements.

Sway Control System (SCS) Series 2 — New!

Leading the way in innovative product development, Magnetek is excited to offer our new Sway Control System (SCS) Series 2 to the overhead material handling industry. This custom software can be embedded in our IMPULSE•G+ Series 3 Variable Frequency Drives for new or existing crane control systems without the need for external programmable logic controllers or costly height measurement devices. Our Sway Control System improves productivity by allowing the crane operator to concentrate on load engagement/disengagement rather than focusing on minimizing load swing. The system also improves the accuracy of load placement and reduces material damage caused by incidental contact of swinging loads.

Footbrake/Static Stepless Simulation Software

Our Footbrake/Static Stepless Simulation software is designed for IMPULSE•VG+ Series 3 Drives used on traverse motions to provide an effective means to slow or stop the motion of the bridge or trolley. Encoder feedback is used to determine bridge or trolley speed at all times, allowing the operator to smoothly re-initiate a run command to a coasting crane. This prevents "jerking" motions and slow responsiveness found with acceleration and deceleration ramps, and provides operators with ultimate control and the same "feel" they are used to when retrofitting existing static-type controls.

Drive Synchronization Software

Need to synchronize multiple drives? Our IMPULSE Drive Synchronization software makes it easy! This custom software allows you to synchronize multiple motor shafts. It offers increased safety by precisely controlling motion, and prevents the operator from making an uneven lift. The "slave" drive utilizes an encoder option board with two encoder inputs. It monitors both its own encoder feedback AND the "master's" encoder feedback, while also sending timing status information back to the master. The slave also compensates for any position errors by adjusting its motor speed, resulting in near-perfect alignment between the master and slave motor

shafts. The slave drive also possesses the ability to automatically re-synchronize the motors, and has an electronic gearing feature. While the drives are running in synchronization mode, position error is automatically corrected, so alignment is always maintained.

Bucket Control Software

Our Bucket Control custom software application can be used with IMPULSE•VG+ Series 3 Drives to control multi-line clamshell or grapple buckets that utilize a holding/closing hoist. Although the open and hold drive operates independently, the software lets you control the various motions of the bucket without the need for a PLC. It features Bucket Position Indication, providing the operator with the open/close status of the bucket while dredging (underwater) or if the bucket is not visible. This is done via analog output from the closing hoist and is received by an analog meter, or by a graphic interface. No communication (such as master/slave) is needed! This software will save you money by eliminating the need for a PLC or additional external logic. You will also save time when replacing wire ropes by utilizing the built-in Electronic Programmable Limit Switch function, because limit switch positions can be reset with the flip of a switch.

Check out our new Custom Software Application brochure on our website at www.magnetekmh.com/brochures.htm for more information.



SBP2 PENDANT STATIONS NOW AVAILABLE ON THE ONLINE PRODUCT CONFIGURATOR

We have recently added our SBP2 Pendant Stations to the suite of products available on our Online Product Configurator. The SBP2 Pendant Stations provide optimum control and performance along with superior durability even in the most brutal environments. These lightweight pendants offer several options to meet your specific needs, including:

- Single or Tandem
- Standard or Custom
- Wired or Non-Wired
- Quick Cable Disconnect
- Two to twelve button stations, depending on specifications
- Default or custom button hood labels

Now you can receive a quick quotation for many of our SBP2 Pendant Stations with no wait – any time of the day, any day of the week. Simply enter the specs, and receive a detailed quotation, complete with quote number, for your configured SBP2 Pendant Station. The quotation also includes your current discount information. When you are ready to place an order, there's no need to list every item number on your purchase order. Just enter the quote number, and we will do the rest.



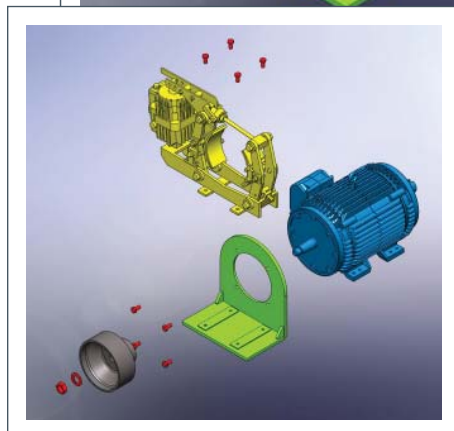
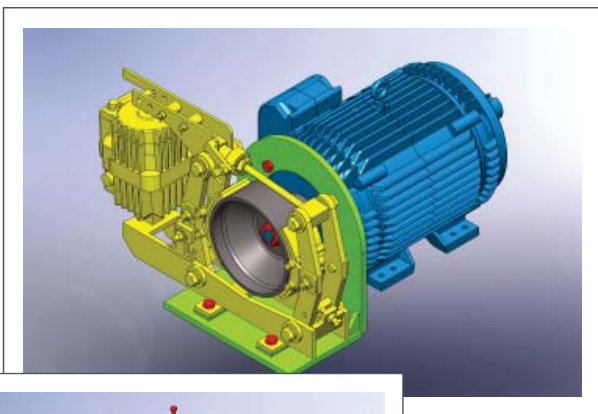
Current Online Price Book Holders can use the Magnetek Configurator right now!

- Go to www.magnetekmh.com and press the Dealer Pricing button.
- Click on the Returning User button to enter the Material Handling Online Pricebook. (If you haven't registered for access to the Pricebook, click on the New User button to request access.)
- Navigate to the main Power Control Delivery Systems and Pendant Stations page.
- Click on the Magnetek Configurator button to access the "Lobby".

The Configurator can also be used to easily generate a quote for Magnetek's Electrobar® and Standard Festoon products, as well as Mondel 200S Industrial Shoe Brakes and 300M Mill Duty Shoe Brakes. And of course Magnetek's Material Handling Inside Sales application professionals are always available to assist you at 1.800.288.8178.

TRY MAGNETEK'S ONLINE PRODUCT CONFIGURATOR TODAY!

SAVE TIME AND LABOR COSTS WITH C-FACE MOTOR MOUNTED BRAKES



Magnetek's new motor mounted brakes feature the brake already mounted on the opposite drive end (ODE) of the motor, which saves time and eliminates brake mounting labor.

Crane builders often buy shoe brakes, brake wheels and motors as separate items, then integrate them into their designs by building separate mounting bases for the motor and the brake. The motor and brake then need to be carefully aligned (usually with shims) to work properly. Obtaining the motor with a brake package factory mounted simplifies crane design and saves shop time. With the brake mounted, the motor simply needs to be bolted in place and its shaft coupled to the gearbox input shaft.

To use this approach, motors with a C-Face and tapered shaft on the ODE are supplied. This allows the brake support to be bolted to the motor's machined flange, ensuring precise location of the brake. Normally brakes mounted to the motor will be in the 4- to 13-inch wheel diameter size range.

For more information on motor mounted brakes, contact Magnetek Material Handling Inside Sales at 800.288.8178.

COMING SOON!

MAGNETEK'S RADIO REMOTE CONTROL PRODUCT LINE TO GROW THIS SPRING

Look for the Magnetek radio remote control product line to sprout several new offerings in Spring, 2009.

Joining our line of versatile bellybox transmitters will be the **XLTX**, an expanded version of the MLTX offering sophisticated electronic technology that adapts to your specific requirements. This new addition is feature rich:

- Graphic display with system diagnostics standard
- Available two-way RF for applications requiring feedback
- Several frequency options including 400MHz, 900MHz, and 2.4GHz
- Frequency Hopping Spread Spectrum (FHSS) reliable in extreme RF conditions

With XLTX, you can select exactly what you need for your application.

Options include:

- Choice of up to 8 levers, 4 joysticks, or any combination
- Stepless proportional controls
- Hard-wired tethered option

Magnetek is also developing a new handheld proportional control, called **Flex Pro**. This ergonomically styled handheld will incorporate our latest developments in proportional control technology in a lightweight yet durable case.

This easy-to-use control offers flexibility and style in one package, featuring:

- Ergonomically designed contoured case
- Easy to use, proportional buttons with precise operation for smooth machine operation
- Compact and lightweight design to prevent operator fatigue
- Choice of up to 12 proportional buttons, available in 4, 8 and 12 button configurations
- Includes 5 LEDs that provide diagnostic and system status
- Rugged, tough nylon housing made to withstand shock; optional rubber jacket available

Flex Pro will be available with many options to meet the needs of a variety of applications and industries.

Both of these new radios will be compatible with several of our receivers, and can be custom programmed by our team of engineers to meet your exact specifications.

Magnetek will also debut a compact bellybox and a pistol grip transmitter later this Spring. **Look for more details to be announced on all of these exciting new products soon!**



Sneak Peek! New XLTX bellybox



Flex Pro available in 4-button, 8-button, and 12-button styles



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