

A low-angle photograph of a yellow hydraulic crane lifting a large, dark, rectangular load against a bright blue sky with scattered white clouds. The crane's boom extends from the bottom left towards the top center. The load is suspended by several cables and chains. The scene is set outdoors, with power lines and trees visible in the lower portion of the frame.

# PRECISION POWERED

## WIRELESS CONTROLS FOR

# MOBILE HYDRAULIC APPLICATIONS



# POWER AND CONTROL FOR MOBILE HYDRAULIC APPLICATIONS

Magnetek's extensive portfolio of wireless controls can be customized to meet the needs of any mobile hydraulic application. From CAN output receivers to direct control of hydraulic valves, from traditional to hazardous locations, design flexibility is essential to our innovative, cost-effective wireless communication products. Magnetek's custom-programmed wireless controls reduce internal engineering and manufacturing costs, improve time to market, and enhance equipment performance.



[www.magnetekmobilehydraulic.com](http://www.magnetekmobilehydraulic.com)





WE OFFER A WIDE RANGE  
OF **WIRELESS CONTROLS**  
FOR MOBILE HYDRAULIC  
**INDUSTRIES** SUCH AS:

- OIL AND GAS
- AGRICULTURE
- PETROCHEMICAL
- MATERIAL HANDLING
- CONSTRUCTION
- FORESTRY
- INDUSTRIAL CLEANUP
- ENERGY
- SURFACE MINING
- UTILITIES
- AND MORE



# TRANSMITTERS

Magnetek's rugged handheld and bellybox transmitters provide hydraulic equipment operators with better positioning for job visibility and safety; data feedback; and extended lives for machines and hydraulic components. Choose your ideal transmitter from our range of basic control options to our more complex, completely customizable systems.

## SYSTEM OPTIONS:

- SOFTWARE OPTIONS
- RADIO CONTROL PROGRAMMER (RCP)

## HANDHELD



PGT

MINI-PGT

FLEX  
VUE®

FLEX  
PRO™

FLEX EM  
SERIES

FLEX MINI





## SUCCESS STORY

# JT CRANES TRACKED PLATFORM CONTROL REPLACEMENT

Magnetek provided custom wireless controls to improve directional accuracy and maneuverability on a tracked platform intended to reduce the need for manual handling.



## BELLYBOX



CHTX



XLTX



MLTX2



MBT



MINI-MBT





# HAZARDOUS LOCATIONS

## HANDHELD AND BELLYBOX TRANSMITTERS

Magnetek offers a range of wireless controls that are safe to use in hazardous or potentially explosive locations with gas or vapors. These transmitters can be applied to a variety of hazardous location applications, including petrochemical operations, chemical plants, and oil and gas drilling.

### HANDHELD



FLEX  
PRO™



FLEX EM  
SERIES





# SUCCESS STORY

## OILFIELD DRILL RIG EQUIPMENT

To assist in making the oil recovery process quicker and safer, an oilfield equipment company called on Magnetek to provide wireless controls for their next generation of advanced automation drilling systems.



### BELLYBOX



XLTX



MLTX2



MLTX



Intertek



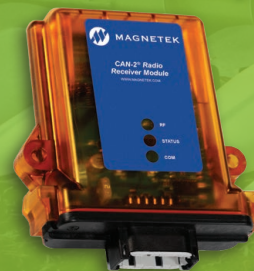


# RECEIVERS

Designed to simplify installations in the field, Magnetek receivers provide flexibility for easy adjustments or configurations. Combine a transmitter with one of our versatile receivers for a complete wireless control system. From traditional designs to our most sophisticated units, our portfolio of receivers offers total radio control.



**MHR RADIO  
CONTROLLER**



**CAN-2®**



**CAN-6**



**INTELESMART2**







# SUCCESS STORY

## HARTFIEL AUTOMATION

### SERVICE TRUCK CRANE CONTROL REPLACEMENT

Magnetek implemented traditional and advanced designs of wireless control systems to improve flexibility in the work area and precisely manage Summit Truck Bodies' truck control systems.



FLEX M



ENRANGE  
WIC-2402™  
WIRELESS  
CAN MODULE



EXPANSION  
MODULES





# CABLE REELS

Cable reels are a superior solution to effectively and compactly manage large lengths of cable. They are ideal power delivery solutions for mobile hydraulic applications, such as construction cranes, emergency and rescue vehicles, and welding systems.



## SPRING REELS

Pre-engineered solution for general purpose applications

## MOTORIZED REELS

Ideal when converting equipment from gas and/or diesel to electric power





# PENDANTS

Pendant pushbutton stations provide optimum control and performance for a wide variety of mobile equipment, including mobile cranes, vacuum trucks, concrete mixers, and more.



## SLIP RING ASSEMBLIES

Deliver consistent power to rotating components



## SBP2® PENDANT PUSHBUTTON STATIONS

## TETHERED CAN-BUS CONTROLLER OPTIONS

A tethered control through a CAN-bus port can turn a Magnetek transmitter into a pendant control.

This option is available on the MLTX2, XLTX, CHTX, PGT, MBT, Mini-PGT, Mini-MBT, Flex VUE®, or Flex Pro™.





# CUSTOM CAPABILITIES

Magnetek provides innovative, cost-effective, custom-engineered wireless communication products, complete with hydraulic interface controls. We offer complete plug-and-play hydraulic control packages designed specifically for your machine, manufactured and tested on our panel assembly line.

## PACKAGED SYSTEM OPTIONS INCLUDE:

- I/O MODULES SUPPORTING VARIOUS TYPES OF MACHINE SENSORS AND VALVES
- GRAPHIC DISPLAY MODULES
- CUSTOM PROGRAMMING AS THE APPLICATION REQUIRES
- NEMA 4, STAINLESS STEEL, AND EXPLOSION-PROOF ENCLOSURES
- PRE-WIRED CABLES WITH VALVE CONNECTORS OF CHOICE







MAGNETEK IS AN  
EXPERT IN PROVIDING  
INNOVATIVE,  
CUSTOM-ENGINEERED  
WIRELESS COMMUNICATION  
PRODUCTS THAT  
MEET APPLICATION  
SPECIFICATIONS.





# SERVICE AND SUPPORT

Over 150 years of combined experience means Magnetek has the expertise to skillfully serve your application needs before, during, and after we complete a project. With products designed to maximize the performance of your mobile hydraulic application, start-up and field assistance, programs designed to train employees on optimal product usage, and quick, value-driven product repair and refurbishment, Magnetek is able to assist you with the highest level of service.

With hundreds of thousands of wireless controls working in the field, Magnetek has a proven track record of providing turnkey solutions, innovative system design, state-of-the-art manufacturing and technical engineering and application support that is second-to-none.

We strive to streamline the diagnosis and turnaround for repairs. Flat rates allow our experienced technicians to return controls to you as quickly as possible. There is no wait for parts quoting. For mission critical applications, certain Magnetek wireless control products are available for expedited service.

**WE'RE ALWAYS ON CALL – AVAILABLE TO YOU 24/7, 365 DAYS A YEAR.**



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SUCCESS STORY

# TIFFIN LOADER CRANE TESTING EQUIPMENT

Magnetek and S.G. Morris created a system solution that offers an integrated package of wireless control and hydraulics, allowing for smoother and simpler operations.







MAGNETEK

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