



Electromotive Systems
Festoon Systems & Cable


MAGNETEK  **MATERIAL HANDLING**
Electromotive Systems **Telemotive** **Mondel Engineering**

YOUR ONE-STOP SOURCE FOR MATERIAL HANDLING CONTROL SOLUTIONS


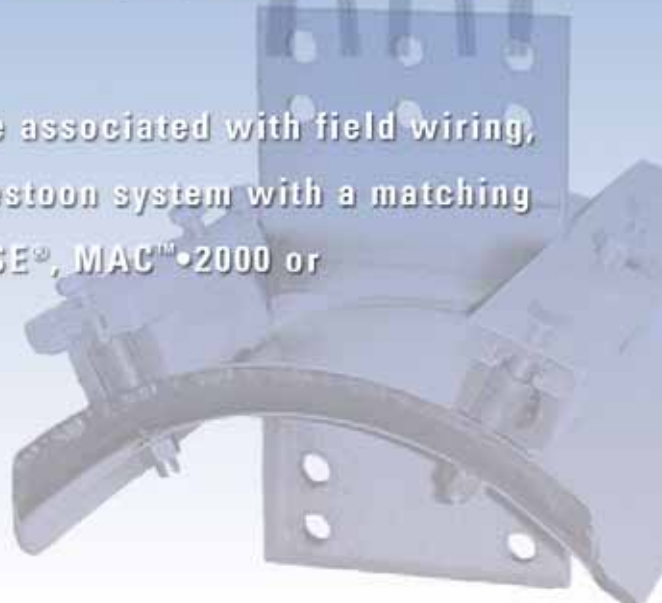


Magnetek offers a complete line of festooning hardware and cable to efficiently complete the delivery of power or control in a variety of material handling applications.

Product Range:

- Standard and heavy-duty "C" track and festoon hardware for flat and round cable
 - Stainless steel "C" track with corrosion resistant festoon hardware
 - Heavy-duty aluminum track and hardware
 - Heavy-duty I-beam trolleys and hardware
 - Mill duty trolleys and hardware
 - Pre-assembled festoon systems
 - Many options offer you maximum flexibility in your festoon system
 - Components available from stock for quick delivery
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Pre-Assembled Systems Reduce Installation Time:

- Magnetek can furnish pre-assembled and wired Electromotive Systems festoon systems complete with control box trolleys, pendant stations and plug and play hardware.
 - If you really want to reduce labor expense associated with field wiring, order your pre-assembled plug and play festoon system with a matching Magnetek Electromotive Systems IMPULSE[®], MAC[™]•2000 or Contactor Panel.
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C-Track Festoon Systems

C-Track Festoon Systems efficiently and economically deliver power and control to cranes used in a variety of industrial environments.

Features:

- 12 & 16 gauge galvanized steel
- 14 gauge stainless steel C-Track
- A variety of C-Track support hardware allows you to mount your system at the recommended 5-foot intervals
- Track provided in convenient lengths, connected with a simple coupling assembly
- 3" and 5" trolley frames
- Single and double trolley saddles for both flat and round cable
- Trolleys available in a variety of design configurations, including tow and control box trolleys
- All trolleys have ball bearing wheels and are capable of supporting 150 lbs. each



Heavy-Duty Aluminum Festoon Systems

Heavy-Duty Aluminum Festoon Systems, designed for environments requiring a more rugged track, efficiently and economically deliver power and control to cranes or monorails where festooning is applicable.

Features:

- Extruded aluminum track, in convenient lengths that simply bolt together
- Heavy-duty coupling assembly
- Track may be formed to match the radii of curved material handling systems (minimum 36" radius)
- Tracks supported every 10 feet; rounded section serves as an extremely smooth runway for the cable trolleys
- 3" and 5" trolley frames
- Single and double, flat and round cable trolley saddles available
- Trolleys equipped with ball bearing wheels capable of traveling at speeds of 250 feet per minute. Each trolley can be supplied with anti-lift up rollers and is capable of supporting 150 lbs. of cable.



Heavy-Duty I-Beam Festoon Systems

Perfectly suited for overhead, gantry, container, mill duty or any cranes operating in harsh, heavy-duty environments.

Features:

- I-Beam trolleys are available in multiple design configurations, are zinc plated and feature ball bearing, lifetime lubricated wheels
- Designed to festoon flat or round cables using 3", 4" or 6" American Standard I-Beam
- Hardware designed for higher duty applications with trolleys capable of supporting loads up to 250 lbs.
- Single and double flat cable trolley saddles available
- Stainless steel trolleys available on special order basis
- Trolley bumpers



- Returnable festoon shipping stands available for pre-assembled systems—eliminates expense of custom fabricated shipping stands



Mill Duty I-Beam Festoon Systems

Suitable in a variety of severe industrial environments.

Features:

- Standard 4" diameter trolley wheel
- Capacity of flanged main wheel trolley:
 - 800 lbs. @ 400 ft./min.
 - 600 lbs. @ 600 ft/min.
- Trolleys manufactured from low carbon steel and are zinc plated with gold dichromate finish
- Bar clamps are available to secure cable
- Capacity of non-flanged trolley wheel (with side guide wheels)
 - 1,000 lbs. @ 400 ft./min.
 - 800 lbs. @ 600 ft./min.
- Trolleys are available:
 - in gold dichromate finish
 - in stainless steel
 - for installation on 8" through 12" I-Beams

Plug and Play Festoon Systems

Reduce festoon installation time with a Plug and Play Festoon System made to your requirements.

Features:

- Rugged die cast aluminum plug and receptacle housings with dual locking elements ensure a secure connection
- Standard 16-Pin plug and receptacle offered for applications from 16–60 Amps and for wire sizes up to 6 AWG
- Plugs and receptacles are UL recognized and CSA approved
- Systems can be provided with numerous options to meet your needs
- Available in C-Track, aluminum and 4" to 6" I-Beam designs



Control Box Trolley Receptacle for Pendant Connection



Electromotive™ Cable

Magnetek furnishes a variety of Flat and Round cable specifically designed for festoon applications.

Features:

- Available in indoor/outdoor round or flat design
- Most sizes are available for same day shipment
- Available as standard in a safety yellow color
- May be ordered with your company's name, logo and phone number imprinted on the cable when purchased in reel quantities
- Resistant to UV, ozone, water and oil

MAGNETEK MATERIAL HANDLING

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Telemotive

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YOUR ONE-STOP SOURCE FOR MATERIAL HANDLING CONTROL SOLUTIONS

Engineered Systems & Solutions

Project Evaluation
Application Solutions
Engineering Design
PLC/PC Program
Development
System Manufacturing
Project Management
Installation Assistance
Field Startup and Test
Customer Training
Maintenance Support

IMPULSE® AC Adjustable Frequency Drives

230, 460, and 575 Volt Power Platforms
.25- 1,500 Hp
Exclusive Application Software
Specific Crane & Hoist Software

OmniPulse™ Digital Drives

DSD-AC in/DC out
15-800 Hp
DDC-DC in/DC out
5-500 Hp

MAC™•2000 Motor Acceleration Control

Single & 2 Speed—up to 15.2 Amps
Contactor Panels

Variable Speed Motor Control Panels

Standard Pre-Engineered Systems
Custom Engineered Systems

Motors & Accessories

Standard Inverter Duty AC Induction Motors
Flux Vector Designed Motors

Power Delivery Systems

ELECTROBAR® — 90, 110, 250, 350 Amps
ELECTROBAR® FS — 90, 125, 250, 400 Amps
ELECTROBAR® ELITE — 60, 100, 130, 200 Amps
ELECTROBAR® HX — 400, 700, 1000, 1500 Amps
FABA® Conductor Bar Systems — 100 Amps

ELECTROMOTIVE™ Festooning Systems

Standard Duty
Heavy-Duty
Mill Duty

SBP® & SBP2® Pendant Push Button Stations

Standard 2 thru 12 Button Stations
Custom Configured Stations

Radio Remote Control Systems

Pre-Engineered Radio Control Systems

MLTX™
SLTX™
JLTX™
telePilot™
telePendant™
Pendant Style

Engineered Radio Control Systems

MLTX™
SLTX™
JLTX™
Locomotive Control Systems

Collision Avoidance Systems

Laser Guard®
Reflex®

Brakes

200S Industrial Shoe Brakes

4"–19" Diameter
6–2,650 Lb. Ft. Torque
AC, DC, Hydraulic Actuators
AC Explosion Proof Actuators

AISE-NEMA 300M Mill Duty Shoe Brakes

5"–30" Diameter
10–11,000 Lb. Ft. Torque
AC, DC, Hydraulic Actuators
AC Explosion Proof Actuators

400D Heavy Duty Disc Brakes

8"–50" Diameter
50–30,000 Lb. Ft. Torque
AC, DC, Hydraulic Actuators
AC Explosion Proof Actuators

Braketronic™ Control System

Braketronic Controller
Standard Pre-engineered Panel
Mill Duty Foot Pedal (optional)

Brake Kit

Remote Air/Hydraulic Bridge Brake
Conversion Kit



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