

Magnetek's cable reel product line is a superior solution to effectively and compactly manage large lengths of cable. The cable reel is fixed to a specific point, while the cable end connects to the moving part of the equipment.

Cable reels are an ideal power delivery solution for equipment in several industries, including:

- **Crane and Hoist Applications** – monorails, overhead cranes, and magnet cranes
- **Fluid Power Applications** – mobile cranes, construction cranes, emergency and rescue vehicles, excavators, and welding systems
- **Marine Terminal Applications** – ship-to-shore cranes, port gantry cranes, deck and construction cranes, and hoisting equipment of all types

Cable reels can be packaged with any of Magnetek's industry-leading power and motion control products.

MODELS

INDUSTRIAL DUTY SPRING REELS

- General purpose applications
- Cost-effective
- Pre-engineered
- Available in five standard sizes

MILL DUTY REELS

- Heavy-duty applications
- Harsh environments
- Ideal for high duty cycles and speeds
- Custom engineered
- Available in multiple sizes

MOTORIZED REELS

- Ideal for long travel lengths and high voltage applications
- Indirectly coupled or directly couple with Variable Frequency Drive (VFD) technology
- Ideal for high-speed and heavy-duty applications
- Custom engineered
- Available in multiple sizes

SLIP RING ASSEMBLIES

- Designed to provide consistent power to rotating components, providing continuous revolution
- Custom engineered
- Available for any size or configuration
- Communication wires or fiber optic cables available



TECHNICAL SPECIFICATIONS

INDUSTRIAL DUTY SPRING REELS

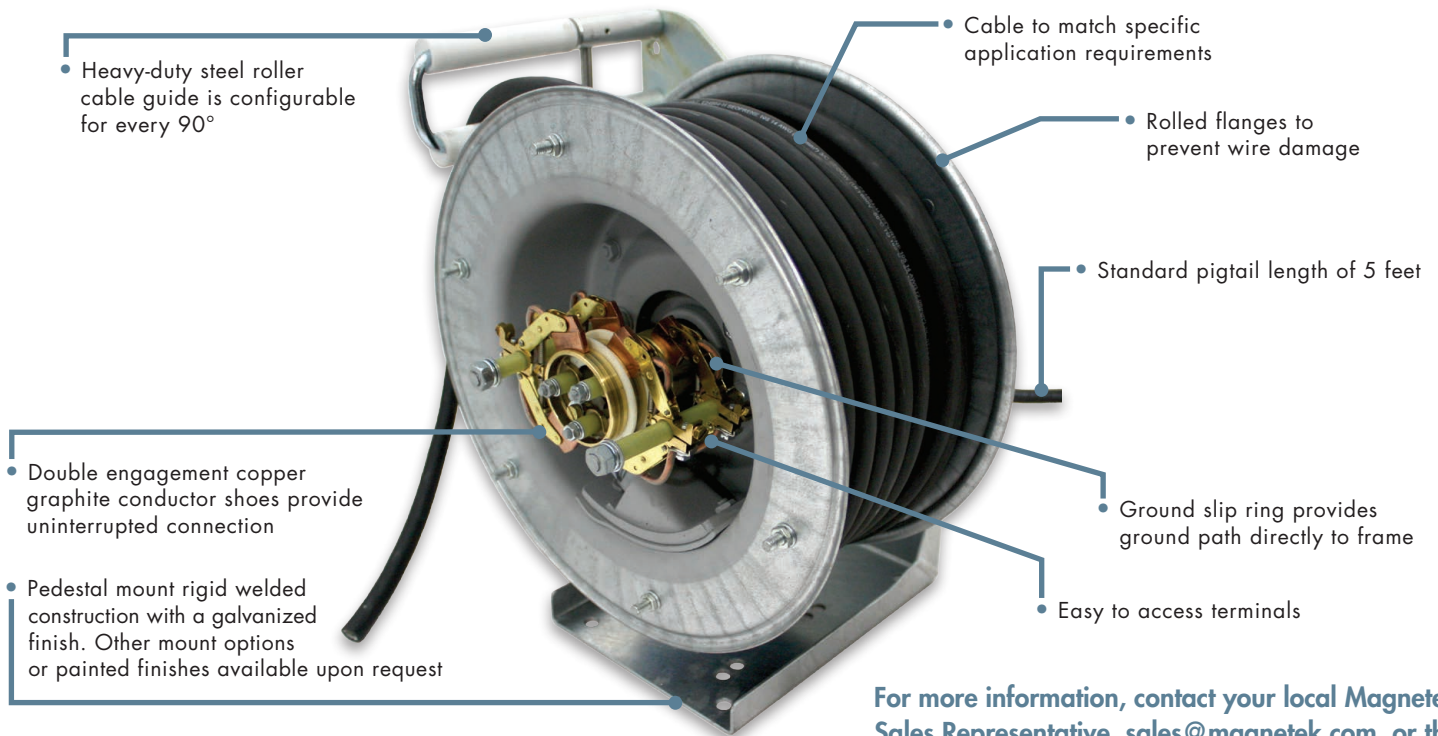
Ambient Temperature: -10 to 40°C (14 to 140°F)
Environmental: IP55
Cycles: 50,000
Maximum Acceleration: 0.2m/sec² (0.66 ft/sec²)
Maximum Speed: 60m/min (200 ft/min)
Maximum Voltage: 690 Volts
Maximum Slip Ring Current:
 32 Amps or 40 Amps per conductor
Cable Sizes: 18 AWG to 10 AWG
Conductors: 2 to 25
Cable Lengths: 10 to 150 feet
Cable Type: SOOW, W, Premium reeling cables, communication wire, fiber optic

MILL DUTY REELS

Ambient Temperature: -10 to 60°C (14 to 140°F)
Environmental: IP55, Quick Latching Cover
Cycles: 50,000+
Maximum Acceleration: 0.2m/sec² (0.66 ft/sec²)
Maximum Speed: 60m/min (200 ft/min)
Maximum Voltage: 600-1000 Volts
Maximum Slip Ring Current:
 80 Amps or 200 Amps per conductor
Cable Sizes: 8 AWG to 2/0
Conductors: 1 to 4
Cable Lengths: 10 to 60, 20 to 80 feet
Cable Type: Premium reeling cables, Magnet cables, communication wire, fiber optic

MOTORIZED REELS

Ambient temp: -25 to 60°C+ (-13 to 140°F+)
Spiral or large cylindrical winding
Maximum Acceleration: 1 m/sec² (3.3 ft/sec²)
Maximum Speed: 240m/min (787 ft/min)
Maximum Voltage: 600-2,000 Volts
Slip Ring Current: Milliamps to 1000 Amps, Communication and/or Power
Cable Lengths: 100 to 600+ feet
Cable Type: Premium reeling cables large cross section, communication wire, fiber optic



For more information, contact your local Magnetek Sales Representative, sales@magnetek.com, or the Magnetek location nearest you.



MAGNETEK
 MATERIAL HANDLING

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MH918_Cable Reel Brochure
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