

**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



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MATERIAL HANDLING

# TECHNICAL SPECIFICATIONS

## INDUSTRIAL DUTY SPRING REELS

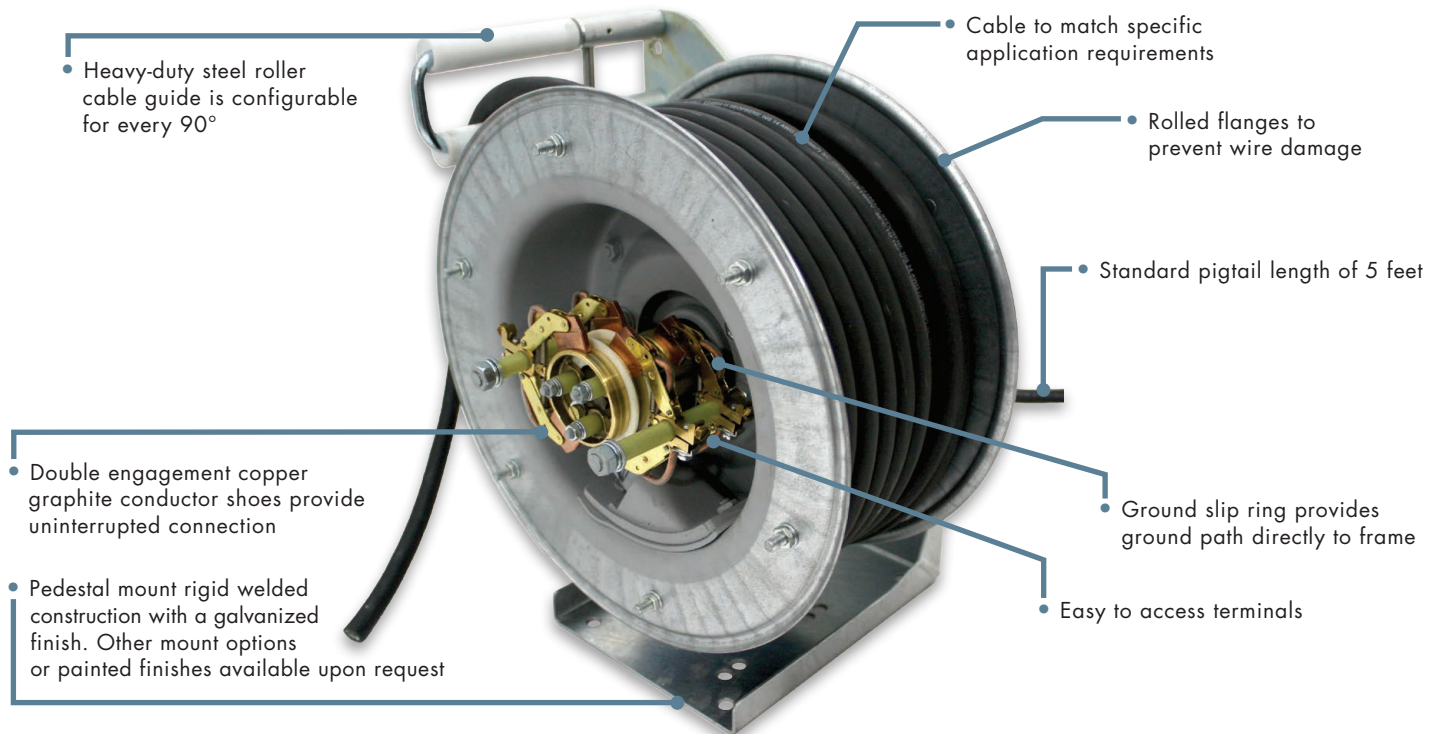
**Ambient Temperature:** -10 to 40°C (14 to 140°F)  
**Environmental:** IP55  
**Cycles:** 50,000  
**Maximum Acceleration:** 0.2m/sec<sup>2</sup> (0.66 ft/sec<sup>2</sup>)  
**Maximum Speed:** 60m/min (200 ft/min)  
**Maximum Voltage:** 690 Volts  
**Maximum Slip Ring Current:**  
32 Amps or 40 Amps 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/sec<sup>2</sup> (0.66 ft/sec<sup>2</sup>)  
**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:** 1m/sec<sup>2</sup> (3.3 ft/sec<sup>2</sup>)  
**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



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