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**: 1m/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

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- **Heavy-duty steel roller cable guide is configurable for every 90°**
- **Double engagement copper graphite conductor shoes provide uninterrupted connection**
- **Pedestal mount rigid welded construction with a galvanized finish. Other mount options or painted finishes available upon request**
- **Cable to match specific application requirements**
- ** Rolled flanges to prevent wire damage**
- **Standard pigtail length of 5 feet**
- **Ground slip ring provides ground path directly to frame**
- **Easy to access terminals**