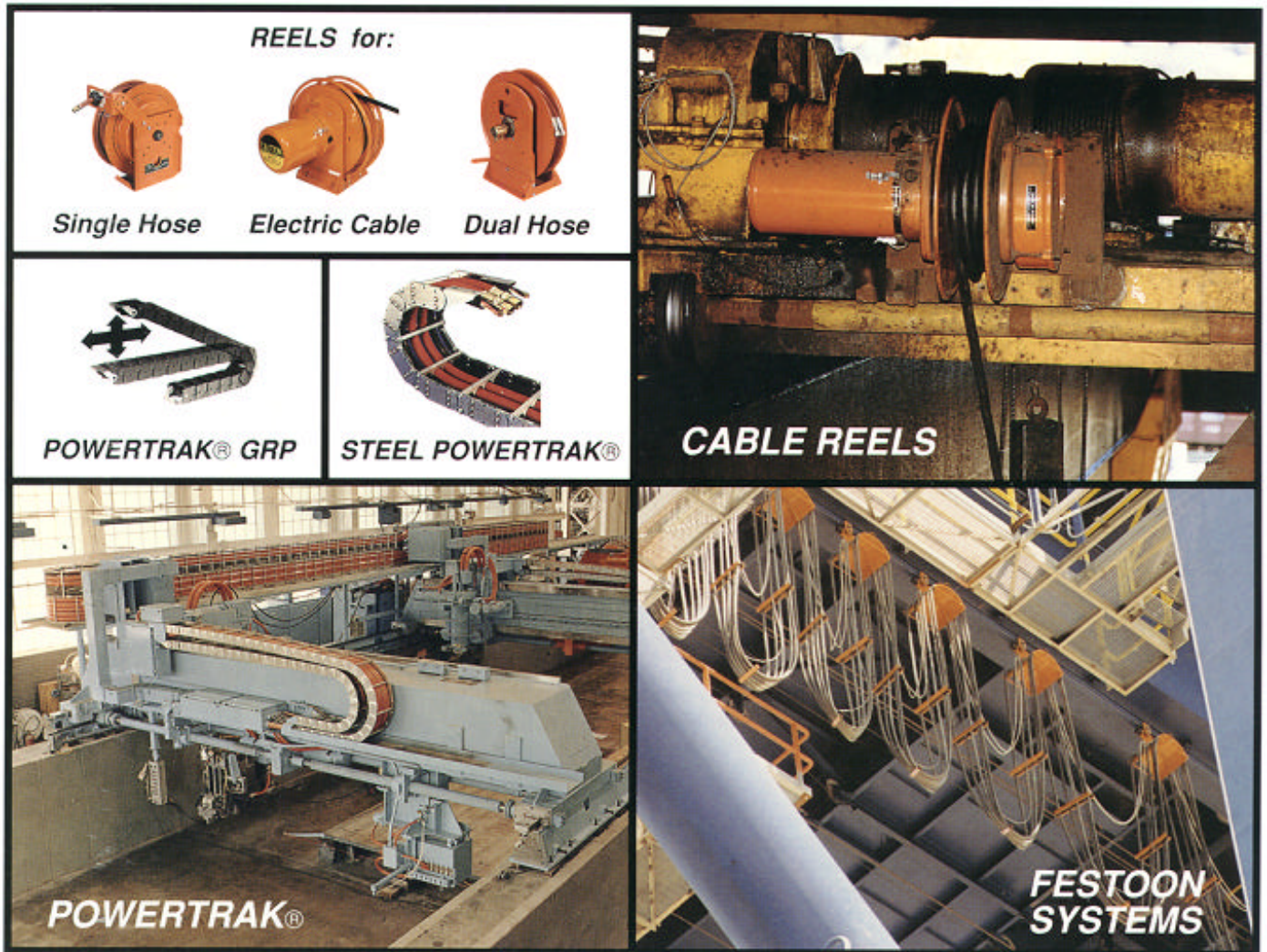


CABLE/HOSE MANAGEMENT



PRODUCTS

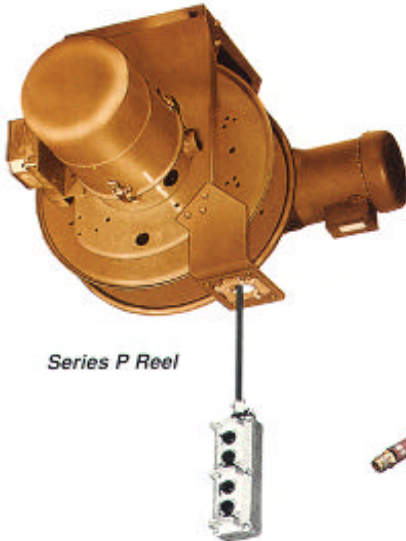
- REELS Spring or Motor Drive
- POWERTRAK® Steel or Non-Metallic
- FESTOONS I-Beam or C-Rail

Gleason Reel - THE Cable & Hose Management People!

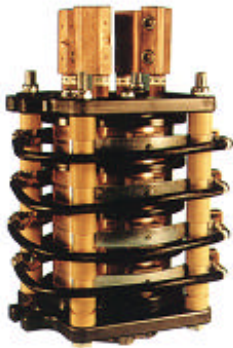
Motor-Driven Reels

REWIND AND STORE ELECTRIC CABLE

Motor Driven • Rewind and Store 120 ft. of Cable and More • AWG Wire Sizes #16 - #10 • From 2 to 36 Conductors • Nema IV Limit Switch • Reversible 1,800 RPM, 230-460 volt AC Electric Motor, Others Available



Series P Reel



Rota-Power™ Slip Ring

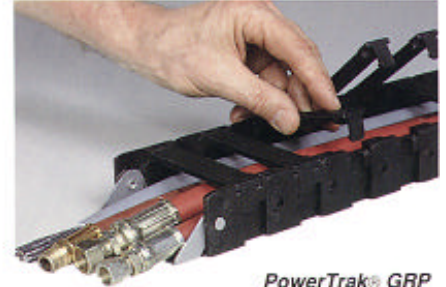
Unitized Slip Rings

TRANSFER ELECTRIC CURRENT FROM STATIONARY TO ROTATING MEMBER

- Compact, Rota-Power™, High Amperage or High Voltage Models • Single or Double Brush Design • Amperage Ratings from 30 to 300 • 600 to 15,000 Volt Rating • Speeds from 40 to 300 RPM



Enclosed PowerTrak® GRP



PowerTrak® GRP w/ Flip-Tops

PowerTrak® GRP

ECONOMICAL, LIGHTWEIGHT CABLE CHAIN

- Convenient Flip-Top or Enclosed Design • Self-Lubricating, Glass Reinforced Nylon Material • Non-Metallic, Corrosion Resistant • Lightweight • Cable/Hose O.D.s up to 2.125" • Self-Supported Travel Lengths to 15.0 ft. • Optional Tray Systems Allow Greater Travels • Multiple Sizes from which to Choose



Hose-Master™ Reel for SINGLE Hose

Hose Reels

REWIND AND STORE HOSE

- Single or Dual Hose • Machine Mountable • Spring-Motor Driven • 300 PSI Rating for Single Hose • 3,000 PSI Rating for Dual Hose • Hose O.D.s to 2.0" • Hose Lengths to 100 ft. • Optional Stainless Steel Shaft



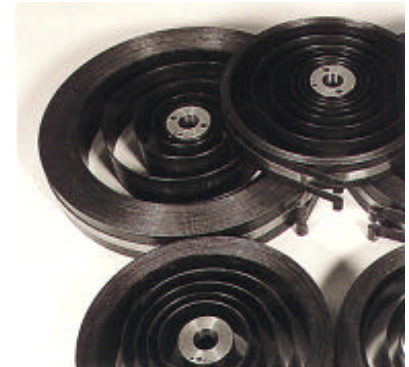
Series K Reel for DUAL Hose



Springs

FOR REWINDING OR TENSIONING

- Clock-type spring motors for use in rewinding or tensioning applications • Available to economically provide power without wiring, plumbing or energy-consuming components



Heavy Duty Spring Assemblies

Cable & Hose MANAGEMENT PRODUCTS...



All products in this bulletin are CUSTOM ASSEMBLED to meet your specific needs and incorporate the LATEST TECHNOLOGY and HIGHEST QUALITY MATERIALS. What makes these products unique is Gleason Reel's EXPERIENCE, dating back to 1911, and Gleason's interest in providing you with the very best SOLUTIONS to your cable or hose handling needs.

CALL US TODAY! Gleason Reel Representatives are located throughout the United States and Canada and are AVAILABLE to recommend specific solutions to solve your cable handling problems. Gleason is:

THE CABLE & HOSE MANAGEMENT COMPANY!



Series S Reel

Electric Cable Reels

AUTOMATIC REWIND AND STORE ELECTRIC CABLE

- General & Mill Duty Types • Machine Mountable • Spring-Motor Driven • 600 Volt Rating • From 2 to 36 Conductors • Amp Ratings from 35 to 200 • AWG Wire Sizes #16 - #2/0 • All Steel Construction • Lifting, Retrieving and Stretching Models • Travel Lengths to 300 ft

Festoon Systems

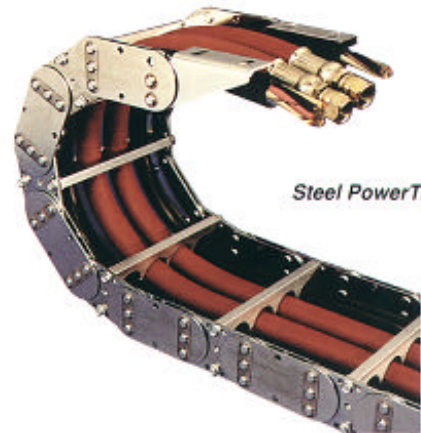
SUSPEND CABLE/HOSE ON ROLLING TROLLEYS

- I-Beam & C-Rail Track Types • Speeds to 650 fpm • Trolley Loads to 1300 lbs • Flat, Round or Mixed Cables/Hoses • Handles O.D.s to 3.3" • Unlimited Travel Lengths • Variety of Wheel Styles • Optional Stainless Steel Finish • System Pre-Assembly Available



Beam-MasterTM
I-Beam Festoon System

Track-MasterTM C-Rail
Festoon System



Steel PowerTrak[®]

Steel PowerTrak[®]

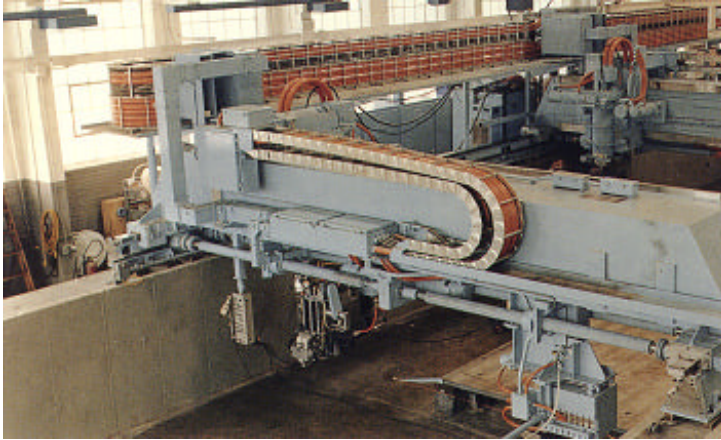
PROTECTS CABLE/HOSE ON MOVING MACHINERY

- Rugged Steel Flat Link Design • Self-Lubricating Links • Variety of Carrier Styles • Self-Supported Travel to 75 ft • Unlimited Supported Travel Available • Handles O.D.s up to 7.3" • Supported Speeds to 1000 fpm

PowerTrak® Cable Chain

Steel PowerTrak®

Steel Cable Chain for Multiple Cables/Hoses

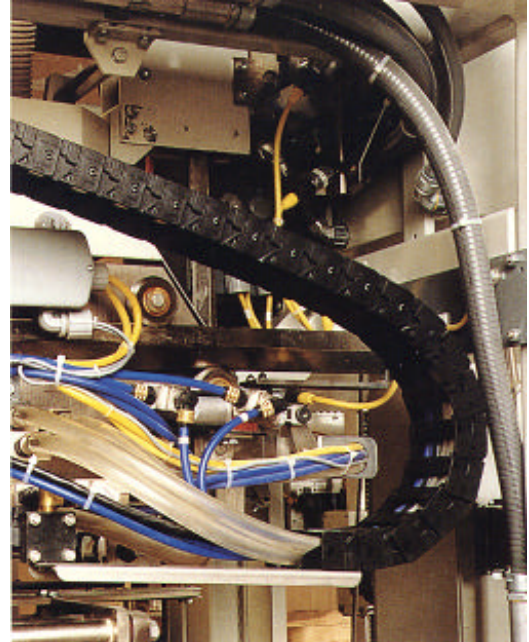


PowerTrak® Typically Used On:

- Cut-Off Saw • Manipulator • Positioner • Grinder • Shear Gauge • Flame Cutter • Automatic Welder • Coil Car • Spar Mill • Boring Machine • Skin Mill • Nuclear Fueling • Oil Drilling Rig • Coal Tripper • Lift Truck • Elevator • Paper Handling Machinery • Simulator • Transfer Table • Extendible Boom • Stacker Reclaimer • Car Wash • Portable Spray Booth • Horizontal Extractor • Soaking Pit • Bridge Crane • Gantry Crane • Iron Ore Unloader • Ingot Hot Shears • N/C Control Center • Milling Machine • Man Lift • Container Crane • Robotics • Antenna Installation

PowerTrak® GRP

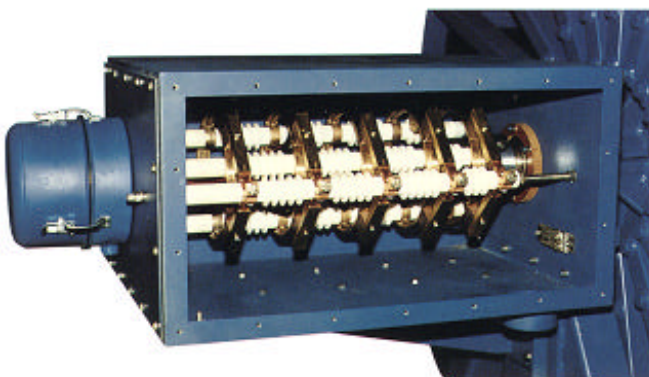
Lightweight, Non-Metallic Cable Chain



Other Electrification Products from Gleason

Slip Rings

Transfer Electric Current to Rotating Member



Slip Rings Typically Used For:

- Cable Reel • Rotating Sign • Turntable • Exhibits/ Display • Stage Equipment • Crane • Stacker • Unloader • Automated Platform • Jib • Any Rotating Current Requirement

Festoon Systems

Overhead Power Supply for Moving Equipment



Festoon Systems Typically Used For:

- Hoist Electrification • Crane Electrification • Transfer Car • Tripper • Conveyor • Extender • Stacker • Suspend Pendant

Machine Mountable Electric Cable Reels

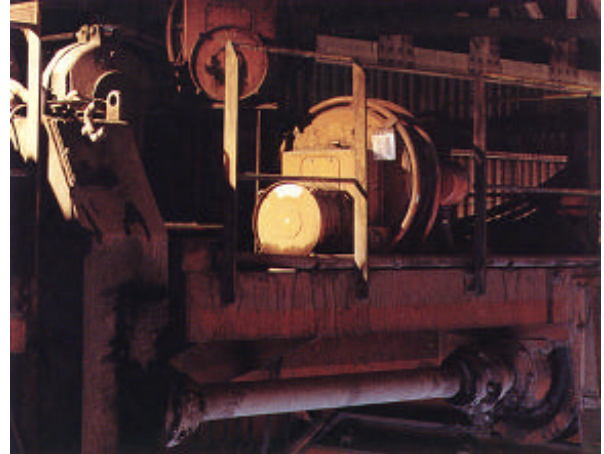
Electric Cable Reels

Automatic Rewind and Store Electric Cable



Mill Duty Reels

Extremely Rugged Design for Mills



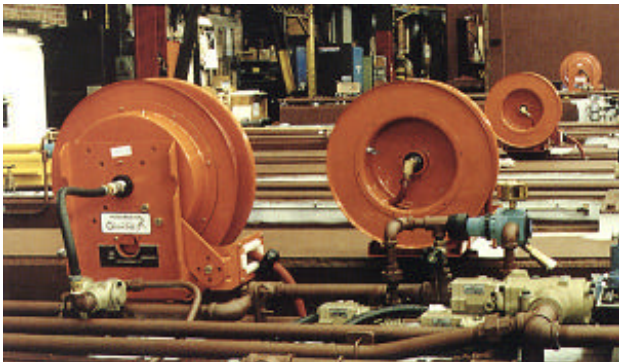
Electric Cable Reels Typically Used On:

- Tripper Conveyor • Stacker Reclaimer • Gantry Crane • Clarifier • Monorail Hoist • Extendible Boom • Drop Cord • Lifting Magnet • Rotating Hook • Spreader Beam • Elevator Platform • Many More - Wherever Electric Current is on the MOVE

Machine Mountable Hose Reels

Single-Hose Reels

Rewind and Store Single Hose



Single Hose Reels Typically Used On:

- Overhead Hand Pull • Storage • Washdown • Tool Suspension • Under Bench Hand Pull • Moving Machinery • Extension Boom • Spray Booth • Manlift

Dual-Hose Reels

Rewind and Store Dual Hoses



Dual Hose Reels Typically Used On:

- Lift Truck • Jaws of Life • Welding • Jack • Lift • Various Hydraulic Applications

Custom Built Reeling Systems



Monospiral Reels

Monospiral cable reels are designed to stack cable in a single, multiple-layer configuration. They are the solution to applications involving large cables or hoses where lateral space is limited - this compact design, together with proven reliability, make monospiral reels ideal for demanding service in any environment.

Monospiral reels are designed to handle a variety of cables for power or control and will be designed for low, medium or high speed requirements. The monospiral design allows the reel itself to act as a cable guide. Separate cable guides are easily installed when necessary.

A variety of drives are available including Electric Torque Motors, Permanent Magnet (Hysteresis) or Electro-Magnetic Couplers. We can recommend a drive to best meet your individual need.

Reels are shipped complete with internal wiring and junction boxes to minimize job site costs. Cable can be installed at the factory and tested before shipment to save time and expense at the job site.

Each reel is custom designed using information that you supply to us regarding your specific application.

Heavy Duty Levelwind Reels



Levelwind Reels

Levelwind cable reels are designed to handle cable with a single-layer wrap, side by side method. They are the solution to applications involving very long cables or hoses.

Levelwind reels are designed to handle a variety of cables for power or control and will be designed for low, medium or high speed requirements. Cable guides are standard to ensure accurate storage and payout of cable.

A variety of drives are available including Electric Torque Motors, Permanent Magnet (Hysteresis) or Electro-Magnetic Couplers. We can recommend a drive to best meet your individual need.

Reels are shipped complete with internal wiring and junction boxes to minimize job site costs. Cable can be installed at the factory and tested before shipment to save time and expense at the job site.

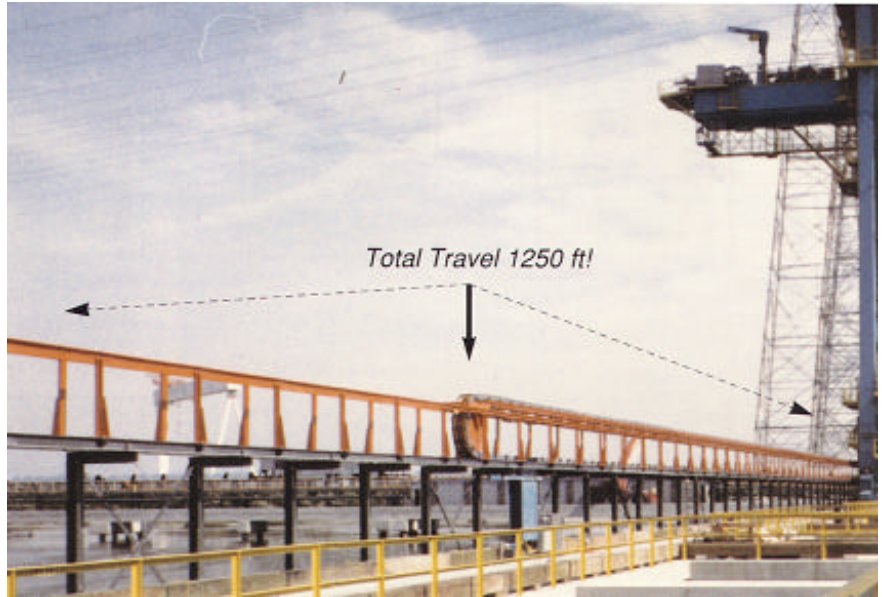
PowerTrak® Systems for Long Travel & High Speed

PowerTrak® Systems

PowerTrak systems keep valuable cables and hoses from interfering with machine operation by storing the cables and hoses within itself and moving freely with the machine. One end of the PowerTrak is fixed at the point where the cables/hoses are supplied while the other end moves with the machinery.

PowerTrak is made to move in two directions. Therefore, if the cable/hose source is at the center of machine travel, the length of PowerTrak *and the length of cables/hoses* need only be half of the total machine travel - this offers significant savings.

PowerTrak is manufactured from High Strength, Low Alloy Steel, the highest standard in the industry. Smooth operation is achieved through a unique, self-contained lubrication system and exacting tolerances. Machined bar carriers may be interspersed throughout the length of the PowerTrak to provide the best protection for cables/hoses. By placing all cables/hoses, regardless of diameter, on the neutral axis, machined bar carriers keep abuse to a minimum while the PowerTrak is moving. Machined bar carriers are split for easy access to cables/hoses and each hole is machined for the specific diameters of your cables/hoses.



I-Beam Festoon Systems

Festoon Systems

Festoon systems are a safe, reliable cost-effective method of supplying power and control to moving equipment where overhead space is readily available. Cables/hoses are looped over free-moving trolleys which are installed on an existing I-beam and follow the machinery.

Trolley saddle diameters are large enough to safely bend cables/hoses. Rubber compression cable clamp accommodates a wide range of cable/hose sizes, flat or round. Towing forces are placed upon tow ropes NOT the cables/hoses.

Running gear comes in many varieties. Steel or nylon wheels may be ordered and anti-lift rollers are typical. Independent wheel brackets permit quick servicing of the running gear without removing the trolley from the I-beam. Rubber bumpers keep trolleys from colliding with one another.

Pre-assembly of the system (additional cost) is recommended. It is then a simple process to roll the entire system off of the shipping I-beam onto your own.

