Cable Connection Systems & Accessories
Installation & Repair Services

Mine Cable Services operates in the following industries:
- Mining - Open pit & Underground
- Oil & Gas - Alberta Oil Sands
- Container Ports - Canada, USA, Caribbean
- Underground Tunnel Boring Operations
- Forestry Industry - Portal Cranes

Mine Cable Services supports the following markets either through our network of distributors or directly with our head office:
- Canada
- USA
- Mexico
- Brazil
- Columbia
- Chile
- South Africa
- Egypt
- India
- The Bahamas
- Mongolia
- Peru
- China
- Australia
- Turkey
- Norway
- Finland
- Zambia

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Mine Cable Services is 100% Canadian owned with all products designed and manufactured in our Edmonton, Alberta, Canada facility. Operating in a number of countries around the world, we have been established in industries that include mining, oil and gas, forestry, tunneling operations, and container ports for over 20 years.
All Rocking Horse Skids are available in standard colours of orange or yellow. Heavy Duty Rocking Horse Skids offer the added feature of built-in strain connectors themselves. More visible on site and are easily relocated with tow hooks on the skids, rather than causing strain to the cables being dragged through mud & dust and raising them from water on the ground. Elevated connections are also available in either shielded or unshielded designs.

5kV & 8kV Cable Couplers & Inline Junction Boxes

MCS manufactured medium voltage cable couplers are compatible with other couplers of this type and are specifically designed for use in wet, muddy, dusty and underground environments as found in mines and tunnel operations. Unshielded Cable Mount, Equipment Mount & Inline Junction Boxes are available in 5kV, 400A or 250A or in 8kV, 400A Shielded Cable Mount, Equipment Mount & Inline Junction Boxes are available in 5kV, 400A only

Features:
- Lightweight cast aluminum body components
- Individual machined phase insulators made of high dielectric polymer
- Multiple phase connection options: mechanical, compression, solder
- Powder coated body components are optional
- Silver plated contacts are optional

15kV, 600A Cable Couplers & Inline Junction Boxes

Shielded or Unshielded: Available in Cable Mount, Equipment Mount & Inline Junction Box Designs. MCS manufactured 15kV cable couplers are compatible with other couplers of this type in either shielded or unshielded designs.

Features:
- Lightweight cast aluminum body components
- Self-centering entrance fitting ensures balanced cable strain relief and water seal
- Individual machined phase insulators made of high dielectric polymer
- Multiple phase connection options: mechanical, compression, solder
- Silver plated contacts are standard
- Powder coated body components are optional
- Integrated Fibre-optic capabilities (Custom design)

25kV, 600A Cable Mount & Equipment Mount Couplers

Available in Shielded only.

MCS manufactured 25kV, 600A cable couplers are uniquely designed to offer a light weight, streamlined connection option for larger mining cables up to 6-1/2” diameter with innovative strain relief & water sealing features.

Available in Cable Mount & Equipment Mount Designs

Features:
- Lightweight cast aluminum body components
- Self-centering entrance fitting ensures balanced cable strain relief and water seal
- Individual machined phase insulators made of high dielectric polymer
- Multiple phase connection options: mechanical, compression, solder
- Silver plated contacts are standard
- Powder coated body components are optional
- Integrated Fibre-optic capabilities (Custom design)

Portable Manual Cable Repair Vulcanizer

Product Number: CV-3000

MCS manufactured Portable Cable Repair Vulcanizer is designed for field repairs to cable on site. For use with aluminum compression molds used for your cable diameter to provide a permanent, effective cable splice or jacket repair.

Features:
- Includes timer & temperature controls
- Electrical: 3000 Watts output, 220V/20A, 50/60Hz input
- Lightweight design allows for portable operation by one person.
- For use with Hypalon or Neoprene jacketed cables
- Finished repair has similar cable diameter and flexibility to original cable with a tough wearing and waterproof cable jacket

Hydraulic Cable Repair Vulcanizer

Product Number: CV-4000HD

MCS manufactured Hydraulic Cable Repair Vulcanizer is designed for use in a Cable Repair Shop or a Mobile Cable Repair Building. Hydraulically driven, for use with aluminum compression molds used for your cable diameter to provide a permanent, effective cable splice or jacket repair.

Features:
- Includes timer & temperature controls
- Electrical: 4000 Watts output, 220V/20A, 50/60Hz input
- Hydraulics include power pack & 12L/4Gal. tank
- Intended for stationary positioning within 1 step of a shop, it can be easily manoeuvred with the addition of the wheeled Universal Cable Stand (sold separately)
- For use with Hypalon or Neoprene jacketed cables
- Finished repair has similar cable diameter and flexibility to original cable with a tough wearing and waterproof cable jacket

Cable Repair Vulcanizer Oven

Product Number: CV-2000

MCS manufactured Cable Repair Vulcanizer Oven is a great solution for scaling cables and small diameter cables as the finished repairs are the same diameter as the original cable. The Vulcanizer Oven does not require the use of compression molds, but uses a series of sacrificial pressure and heat retention tapes.

Features:
- Includes control box
- Electrical: 1800 Watts output, 220V, single phase, 60Hz input
- Recommended primarily for 75% internal jackets as well as Hypalon or Neoprene jackets
- Allows for variable repair sizes in one unit, up to 4” overall length without requiring various mold sizes
- Provides finished cable with a tough wearing and waterproof cable jacket

Cable Repair Materials & Training

MCS offers everything you will need to complete your vulcanized cable repairs including:
- Neoprene, Hypalon, or TPU jacket repair tapes
- Jacket rerouting tapes, EPR insulation tapes, Timed copper braiding, semi-conductive tapes
- Silver soldering & euthermic welding supplies
- Cable Repair Tool Kits
- Cable Repair Ratchets

Cable Repair Training

Certified Cable Repair Technicians are available to train your employees to properly repair high voltage cables, from a simple jacket repair up to a full cable splice at either your location or one of our facilities.

Cable Repair Services

MCS offers both in shop and mobile cable repair services locally and worldwide.

Cable Handling Accessories

Cable Strain Relief

Footballs, Arrowheads, Torpedos

Arrowhead Strain Relief

Product No. PHW-2X*

Bi-Diagonon Strain Relief, used to cable diameter
Assembled with 6 foot heavy duty wire sling
Football Strain Relief

Features:
- PHW-2X*
- Bi-Diagonon Strain Relief
- Stabilized cable diameter
Assembled with 6 foot heavy duty wire sling

Torpedo Strain Relief

Product No. PHW-X*

Steel Strain Relief use with wire balls, used to cable diameter
Assembled with steel bracket, 20 foot heavy duty wire sling, swivel hooks and connection quick links

Cable Handling Grabs

Mine Cable Services Corporation has joined with Australia’s Cable Handling services to offer cable handling & protection equipment designed to withstand the extreme working conditions found in mines & similar operations around the world.

Cable Handling Grab – Drag Application

Used for manual relocation while maintaining safe cable radius
Lightweight, one person application

Cable Handling Grab – Hoisting Application

Used for cable hoisting & supporting cables on cable towers
Removes damage due to pressure caused by slings
Grabs are colour coded for specific working load limits from 1000 kgs to 2500 kgs

Cable Relocating Rollers

Use for relocating cables or hoses
Rugged, lightweight, easy to manoeuvre into place

Universal Cable Stands & Cable Horses

Designed to support and identify trailing cable when used with drags, shovels, and other mining equipment. Highly visible colours and reflective markers help equipment operators avoid cable runs and reduce cable damages.

Universal Cable Stands

Product No. UCH20Dxx* or UCH30Dxx*
Available in either double wide or triple wide configuration

Universal Cable Horse

Product No. UCH-20Dxx* or UCH-30Dxx*
Available in either double wide or triple wide configuration

* Available Standard Colours are orange & yellow, however custom colours are available

Cable Overflow Mats

Manufactured for maximum strength and durability
Available in various sizes and lengths to accommodate multiple diameters of cable
Effectively marks the cable crossings on haulage and service roads while providing protection to electrical cables
For use with lightweight mining traffic up to fully-loaded haulage trucks

Polyurethane Cable Overflow Mats

Manufactured of hard polyurethane rubber in a variety of sizes from 18” wide up to 20 foot lengths
Only for use with rubber tire vehicles

Steel Fabricated Cable Overflow Mats

Manufactured from a lightweight alloy which gives high strength, good impact resistance and low overall weight
Available from 18” up to 20 foot lengths
For use with tracked vehicles