



Product Data Sheet

Hydraulic Vulcanizer, 4800HD

With over 30 years experience related to the service and repair of medium and high voltage, flexible rubber cables used in mining and reeling applications, MCS has developed techniques, expertise, equipment and materials which ensure a mine operator has the best of support required to maintain and repair their electrical cables.



When to choose an MCS Hydraulic Vulcanizer System:

- For flexible and reeling cables type SHD-GC for voltages ranging up to 25kV
- Most of your operation's repairs involve stationary or trailing cables
- Cables have similar outer cable diameters or are limited to a manageable number of cable sizes (each cable diameter requires a jacket repair mold & splice mold)
- If you are performing a large number of cable repairs per month in a cable repair facility

Advantages of Vulcanized Cable Repairs:

- Completed repair is as flexible as the original cable to temperatures as low as -40°C
- Completed splice repairs are virtually the same diameter as the original cable
- Tough, hard wearing and waterproof cable jacket
- Silver soldered cable conductors are approximately the same strength as the original cable conductors

Technical Specifications:

Electrical Supply: 4800 Watts, 220V, single phase, 25A, 50/60Hz

Controller: Easy to use, built in preprogrammed PLC control module with adjustable timer and temperature settings

Hydraulic Power System: Self contained hydraulic power pack and hydraulic cylinder preset for a maximum operating pressure of 2500 PSI

Heating: 4000 Watts RTD temperature controlled heating elements

Features & Benefits:

- Utilizes aluminum compression molds sized specifically your cable diameters
- Hydraulic ram raises and lowers top heating platen, reducing technician requirement to handle hot molds
- Extension arms align cable and provide additional clamping to avoid slippage
- Shown with optional Hydraulic Vulcanizer Stand for easy portability in your cable repair facility