

LONGWALL MONORAIL SYSTEM

The Longwall Monorail System offers a safe and highly efficient means of managing the services required to operate the Longwall face. All cables and hoses are suspended from a roof mounted monorail beam which provides a series of support trolleys with the ability to compress as the Longwall face retreats.

Upon full compression a power move takes place.

Air or Emulsion powered traction drive units are used to perform the power move, eliminating the need for ancillary equipment.



Features:

- ✦ Eliminates personal injury attributed to manhandling heavy cables and hoses,
- ✦ Substantially reduces down-time and loss of production as a result of equipment damage,
- ✦ Reduces the risk of injury resulting from an impeded walkway area. All componentry is off the mine floor,
- ✦ Eliminates the need for large diesel and/or battery equipment, winch-ropes or similar within the work area as the system is fully integrated,
- ✦ The self-sufficient nature of the system reduces the downtime during a power move, the time taken to relocate services is minimal,
- ✦ Modular design integrated with transportation sleds facilitates a highly efficient and damage free means of installation and end of panel relocations.

