

The Next Step in Load & Haul Technology

Sudbury area based RDH Mining Equipment will be introducing the Muckmaster 800D underground mining loader at MINExpo International 2012 in Las Vegas, Nevada, September 24-26. The compact, powerful workhorse can get into tighter spaces and has more power than other models in its class. The 14000 kg (30800 lbs) tramping capacity LHD can be fitted with a range of bucket capacities between 6 to 10 yd³ (4.6 to 7.6 m³). To reduce wear and increase lifespan, buckets are fitted with wear strips and a bolt-on lip, allowing users to replace the bucket lip without welding. The Muckmaster's loader linkage geometry has been designed to provide optimal mucking and loading performance.

The Muckmaster 800D's powertrain has been designed to provide the power and performance required to perform under the toughest conditions. Its powerful 350 hp Mercedes Tier IV Interim engine meets the stringent emissions limits while also achieving valuable cost savings through low fuel consumption levels. With heavy duty Dana 21D axles, a full power-shift four speed Dana 6000 series transmission and Dana 9000 series torque, the Muckmaster 800D has been specifically designed for the most demanding underground environments. Its powertrain has been designed to deliver constant power to the wheels, providing high operating efficiency for virtually any application.

With bi-directional operator seating, the ergonomic operator station comes standard with ROPS/FOPS canopy or optional fully enclosed cab and includes an electronic touch screen monitoring system which provides a constant display of vital machine functions as well as service and diagnostic tools. A door mounted electric joystick provides steering and transmission shifter controls. A responsive armrest mounted joystick controls boom/bucket functions. The ride control system feature dampens movement of the boom and bucket during travel over rough terrain, increasing efficiencies by improving cycle times and load retention as well as providing a more comfortable ride for operators.

