



DMS is the Australian agent for the FLEXIVEYOR continuous haulage system. The Flexiveyor is designed to interface between the continuous mining machine and the main line conveyor belt allowing a continuous flow of coal.



Continuous Haulage System



Functions

The Flexiveyor is a mobile conveyor system that follows behind the continuous miner and discharges into the mainline conveyor belt simultaneously. The Flexiveyor is made up of a “lead car” and a series of “intermediate cars” and a “discharge car”. Each car is equipped with hydraulically driven, steerable axels. The individual cars are hitched together forming a “train” which follows in behind the continuous miner. The chain of cars is controlled and kept in sync with Robotram, a PLC system which provides control to the drive and steering mechanism. Robotram allows the entire train of cars to drive and steer around corners automatically. The entire Flexiveyor system requires only one operator to control the entire train of cars.



The FLEXIVEYOR Success Story :-

Prairie Machine Parts sold its first Flexiveyor to IMC Esterhazy Potash Mine in 1991. The success of that machine led to the development of the latest version equipped with Robotram. There are now machines working in Potash and Coal mines in Canada, USA, UK, South Africa and Australia.

DMS is committed to continuing the international success of the Flexiveyor and fully commits to after sales support, which includes onsite commissioning, supervision, training and complete equipment



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