The Mining Equipment Prospector

NORMET CORPORATION

Normet engineers and manufactures mechanized equipment for underground applications such as: man lifting, installation, roof support, concrete spraying and charging of explosives. They are based on Normet's more than 40 years' accumulated experience and close partnership with mining customers i.e. Pyhäsalmi Mine.

The Pyhäsalmi mine, located in the central Finland, is the oldest operational base metal mine in Finland. It is run by Pyhäsalmi Mine Ltd (owned by Inmet Mining Corporation, Canada), and it produces zinc, copper and pyrites. The new mine extends down to 1440 m, being the deepest metal mine in Europe. The mining operation in the new mine, after the excavation, was started in 2001.

The Pyhäsalmi mine is one of the users of Normet Charmec explosive chargers, designed to comply with emulsion charging requirments.

Charmec 9825 BE emulsion explosives charger

Normet Charmec 9825 BE concept has developed in cooperation with customers and explosive system suppliers for automated charging of modern emulsion explosives.

The concept is suitable for both short and long hole charging. It is fully programmable, but several preprogrammed features are built in to ease the operator's work.

Charmec 9825 BE consists of a Normet NC 98 mining carrier, emulsion module and boom lifter with 500 kg lifting load and max. 5,80 m platform height for reaching to 8 m high roofs. The emulsion module is comprised of emulsion pumping and sensitizing systems. Safety systems, storage facilities for emulsion components and water. Automatic charging hose feeder and hose, as well as an automated CAN-Bus control system. Depending on the charging hose diameter and pumping length, the concept provides a charging capacity of up to 80 kg/min.

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