ROCK BLASTING

ROCK SOLID RELIABILITY IN EMULSION EXPLOSIVE

MINING AND MINERALS

Large scale metal and coal mining as well as quarrying widely use emulsion explosives for rock blasting. Typically, the highly insensitive water based explosives is mixed with ANFO to form a blasting explosive, moments before offloading in the blast holes.

PCM progressing cavity pumps are commonly found aboard explosives trucks allowing **RELIABLE ON-SITE MANUFACTURING** of the explosives.

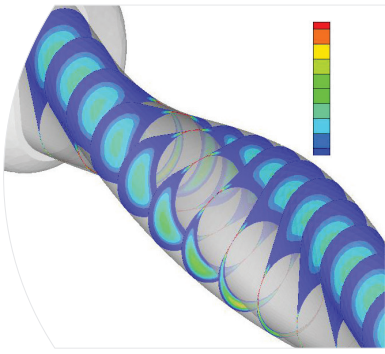
- Low operating speeds to prevent air entrapment and cavitation
- Low shear technology
- Non-pulsating and constant flow at all pressures
- High pressure outputs
- High viscosity and high density capabilities
- Clear and smooth flow path

PCM | keep it moving

PERFORMANCES

PERFORMANCES (more upon request)

- Flow rate: up to 100 m^3/h
- Pressure: up to 52 bar



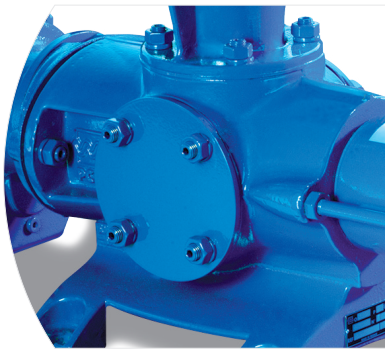
ADVANTAGES

MOINEAU TECHNOLOGY

- Robustness for tough environment
- Solid particles handling: abrasion resistance
- Low shear technology: high shearing may increase emulsion sensitivity
- Volumetric accuracy

ECOMOINEAU™ PUMP

- Standard visit holes on pump body to ease inspection
- Independent access to each wearing part
- Smaller pump body to avoid dead spaces
- Compact for easy integration- Hydraulic drives



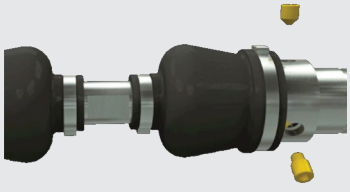
Standard visit holes
EcoMoineau™ M pump

OPTIONS

- Dry running prevention system
- Flow-meters
- Pressure switch
- Auger feed design

Ammonium Nitrate
Explosive mixture- 100,000 cPo
60IVA10 pump

PCM EcoMoineau™



3 screws to complete maintenance

The shortest progressing cavity pump on the market

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