Dual grouting injection is widely used in modern tunnel construction to provide rock support. The grout strength and adhesion relies on high pressure injection as well as on the precise dosing of additives.

PCM progressing cavity pumps bring RELIABILITY and SIMPLICITY to the tunneling and building industries.

- Outstanding abrasion resistance
- High pressure outputs and constant flow
- Robust design for tough environment
- Non-pulsating flow
- Volumetric accuracy enabling precise and just in time dosing of critical hardeners
- Fast maintenance operations
PERFORMANCES

- Max flow rate: 200 m³/h
- Max pressure: 40 bar

ADVANTAGES

PCM MOINEAU™ TECHNOLOGY

- Transfer abrasive fluids with minimal equipment wear
- Constant and non-pulsating flow rate, easing flow meters reading
- Flow rate directly proportional to speed
- Simple & heavy-duty design
- Vertical or horizontal mounting for easy integration
- High efficiency
- Powered by variable speed electric gear motor or hydraulic motor

LOW LIFE CYCLE COSTS FROM ECOMOINEAU™ DESIGN

- Reduced wetted parts
- Reduced installed power
- Easy and fast maintenance
- Reduced footprint

PCM EcoMoineau™

3 screws to complete maintenance

The shortest progressing cavity pump on the market

For further information, please contact your PCM local representative: www.pcm.eu

Barcelona metro - Spain
20140 pumps on grout injection, 1 m³/h - 40 bar

Bespoke systems
EcoMoineau™ pumps are easy to integrate in your process.