



# THICKENER UNDERFLOW AND TAILINGS

» HIGH SOLIDS CONTENT SLURRIES  
FOR LOWER WATER MANAGEMENT  
COSTS

MINING AND MINERALS

Processing High Density thickener underflows and tailings enable to reduce fresh water needs and facilitate reclamation projects. However, additional water for dilution is often required to ease pumping to the filtering stages turning the pump technology into the limiting factor.

PCM pumps bring **HIGH PERFORMANCES** and **RELIABILITY IN TOUGH SLURRIES** pumping:

- High solids content capabilities eliminating the need to dilute slurries
- High pressure outputs and flow-rates
- Abrasion and corrosion resistance
- No pulsations, no need to install pulsation dampeners
- Simple and heavy duty design

## » COST SAVINGS TECHNOLOGY

- Reduced water costs
- High efficiency process
- Minimize tailings impoundment and overall tailing storage facility costs
- Environment safety

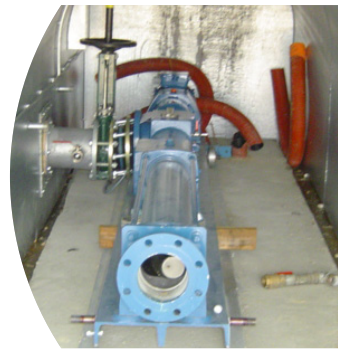




## PERFORMANCES

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- Flow rate: up to 300 m<sup>3</sup>/h
- Pressure: up to 40 bar



## ADVANTAGES

### » PCM ECOMOINEAU™ IN YOUR PROCESS

- Transfer abrasive fluids with high solids content, high specific gravities
- Transfer abrasive fluids with varying solids content with minimal equipment wear
- Constant and non-pulsating flow rate, no need for dampeners
- High efficiency
- No seal water required
- Reversible for back flushing

### » LOW LIFE CYCLE COSTS FROM ECOMOINEAU™ DESIGN

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



Thickener underflow recovery pump



### » PCM, YOUR PARTNER IN COMBINED DEWATERING SYSTEMS

Maximise water recovery and environment safety with PCM Filter Press Feeding Skid.

Thickener underflows and tailings can further be dewatered by filter-press technology to form dry cakes.

