



## PRODUCT INFORMATION

May 2013



# PB-20C

## Mobile 2" Underground Coal Mine Diaphragm Pump

The PB-20C mobile 2" underground coal mine diaphragm pump has been purpose designed & manufactured for ease of delivery and movement to exact locations in underground coal mines. The unique design of the PB-20C consists of a robust circular steel frame and diaphragm pump that is constructed with a Polypropylene fluid chamber & Geolast® diaphragms, stainless steel flanges and engineered for maximum fluid and chemical compatibility. The PB-20C diaphragm pump is heavy duty, stall free, freeze free and incorporates a rugged valve system allowing operation under a variety of conditions ranging from clean fluids to slurries and solids up to 1/4".

Furthermore, the bolted design of the pump ensures leak-free operation and ease of maintenance when required, and performs at a maximum flow rate of 681 L/min.

Convenience is the key benefit of the PB-20C for underground coal mine use and addresses OH&S and labour saving considerations.

### PRODUCT SPECIFICATIONS, FEATURES AND BENEFITS

Rugged circular steel frame

Easily moved from one location to another

Polypropylene fluid chamber

Geolast® diaphragms

Stainless steel flanges: BSP thread

Air inlet: 3/4"

Liquid inlet & outlet: 2"

Maximum flow rate of 681 L/min

Maximum air pressure of 120psi (8.2bar)

Maximum solid handling: 1/4"

Suction lift, Dry: up to 3.9m

Suction lift, Wet: up to 7.9m

Maximum operating temperature: 66°C

Noise level (with muffler): 78 dBA



### ORDERING INFORMATION

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