

Bredel

Hose Pumps

Bredel Heavy Duty pump



INNOVATION IN FULL FLOW

**WATSON
MARLOW** Fluid
Technology
Solutions



Bredel Heavy Duty pump - enhanced safety and reliability for the toughest environments

Bredel hose pumps are the pump of choice for handling abrasive and corrosive fluids in mines throughout the world. Safety and reliability are crucial qualities when pumping slurries in the harsh environments of mining and construction. Whether it is dewatering pits or transferring cement slurry and thick sludge, these pumps must be robust and require minimal maintenance.

The Bredel Heavy Duty peristaltic pump has been specifically designed for the toughest operating conditions with enhanced safety and efficiency features.



▶ Window guard

Features in detail

- The heavy duty frame that enables safer pump transportation using a forklift truck
- Heavy duty bearings provide extended lifetime when pumping high-solid content slurries
- The window guard offers extra protection for the plexiglass inspection window
- The flange bracket reduces the risk of lubricant leakage and lowers maintenance
- C4H paint coating that brings higher corrosion resistance for harsh environments



▶ Heavy duty frame for safer transportation



▶ Cover lifting device

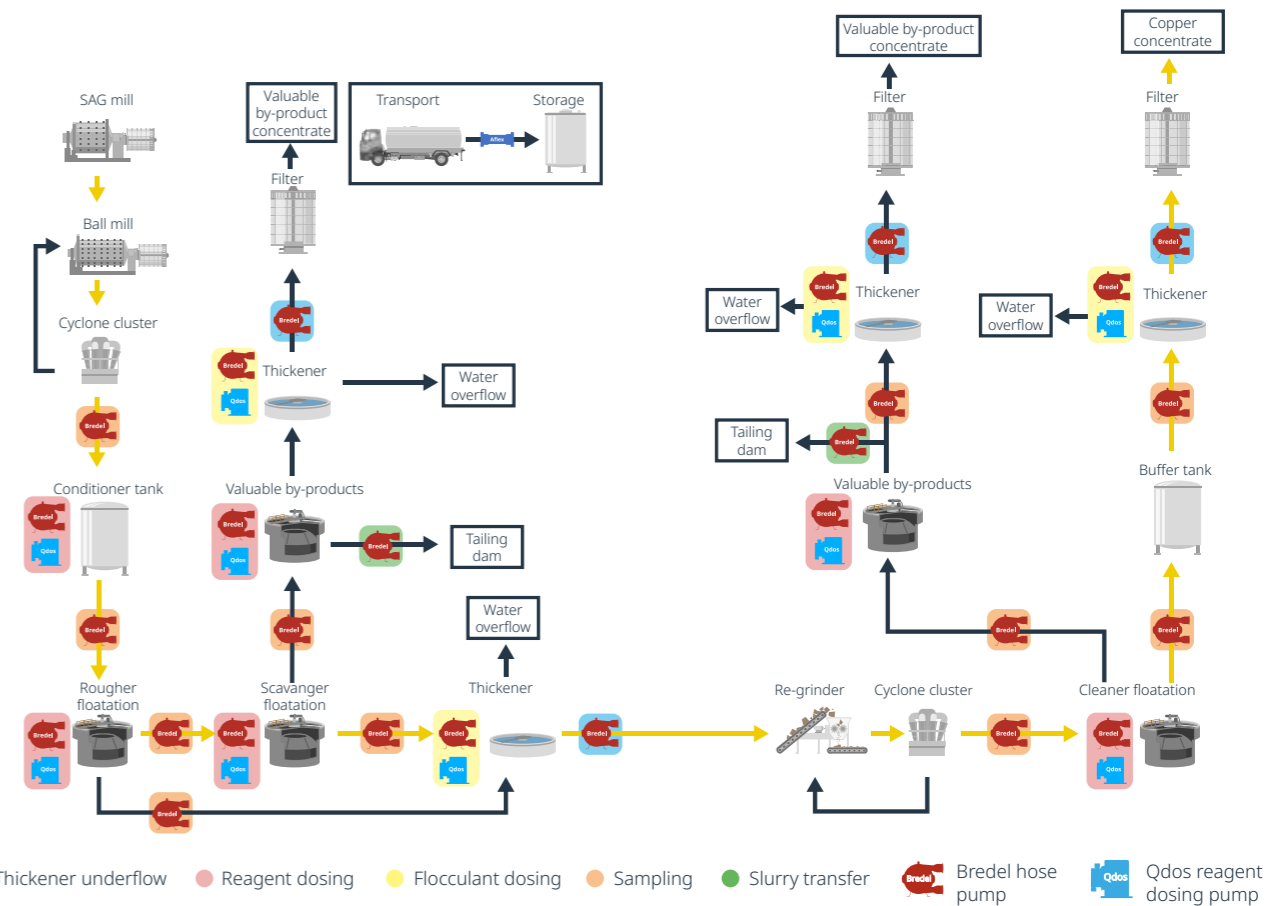


▶ Robust flange bracket

Typical mining applications

The Heavy Duty pump delivers exceptional results in handling high-solid fluids and overcoming challenges of abrasive slurries and aggressive chemicals for a range of applications in mineral processing.

- Transferring abrasive ores
- Filter press feed
- Chemical dosing and metering
- Ore sampling
- Thickener underflow
- Transferring tailings slurries
- Pilot plants



Pump model sizes

The Heavy Duty pump is available in a range of sizes matched to common mining application requirements.

Pump size	Maximum flow rate		Maximum pressure		Maximum temperature	
40	9,600 L/h	42.27 USGPM	16 bar	232 psi	80 °C	176 °F
50	17,500 L/h	77.05 USGPM	16 bar	232 psi	80 °C	176 °F
65	32,200 L/h	140.9 USGPM	16 bar	232 psi	80 °C	176 °F
80	39,100 L/h	176.1 USGPM	16 bar	232 psi	80 °C	176 °F
100	52,900 L/h	233.4 USGPM	16 bar	232 psi	80 °C	176 °F



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