

New Pump Solution

ABEL® Pump Technology



Solids Diaphragm Solution (SDS)

Imagine being able to pump sludge with high solids content using a piston diaphragm pump instead of a conventional solids handling pump.

What a relief it would be to eliminate error-prone and complex hydraulic power packs and instead rely on proven piston diaphragm pump technology powered by AI to monitor pump health.

Exactly - that's what the new ABEL SDS (Solids Diaphragm Solution) offers you.



We support you on site.

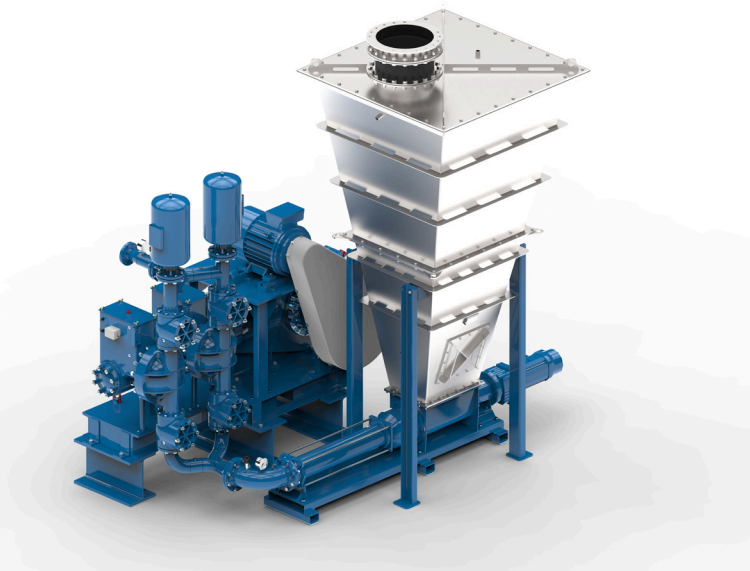
SDS Advantages over conventional Solids Handling Pumps

- Reduce OPEX by up to 80%
- Less noise
- Reduce service time by 50%
- No hydraulic power pack
- Higher pump availability

Performance Capabilities

Max. Flow: 22 m³/h (95 GPM)

Max. Pressure: 10 MPa (1450 psi)



SDS Applications

- Incenerator Feed
- Sewage Sludge Transfer

Smart Pump Assistant - Powered by AI

- 24/7 operational analysis
- Performance reports
- Pump health monitoring
- Predictive maintenance
- Mobile app

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