

Dust Free Powder Dosing System

Safety Dosing System for Diatomaceous Earth.



Our Safety Powder Dosing System for Diatomaceous Earth (DE) is designed to deliver dry powder directly into the fluid of the Slurry Tank of a Vertical Pressure Leaf filter unit or in the Filter Press unit. The plug-and-play unit is equipped with a pneumatic explosion proof dosing system, it can dose batches of 25 lbs (11,3 kg) of DE material. The unit can be filled onshore with large bags of DE material before transporting to offshore location.



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Benefits

- Dust free dosing of Diatomaceous Earth into the mix tank.
- HSE / operator friendly.
- No exposure of DE.
- Can be stored with 6.3 bbl (1m³) powder.
- Can be used with all existing filter units.
- Capacity for large volume filtration runs.
- It works in combination with an ARO powder pump.

Applications

- Well completion fluids
- Work over fluids
- Gravel pack fluids
- Waste water

Combination units

- Filter Press
- Pump Skid
- Slurry Skid
- Duplex Unit
- Vertical Pressure Leaf

Dust Free Powder Dosing System

SPECIFICATIONS

Filter Construction

Material Frame

- Carbon steel
- Powder coated

Material Wetted Parts

- AISI 316L stainless steel
- Others on request.*

Design Code Frame

- EN 12079 / DNV 2.7-1

Lifting

- Hoisting slings (certified) and forklift pockets

Outlet Connection

- 2" (DN 50) Union Fig. 100 m/f connection

Capacity

- 6.3 bbl I (1 m³) other on request

Recommended Dosing Rate

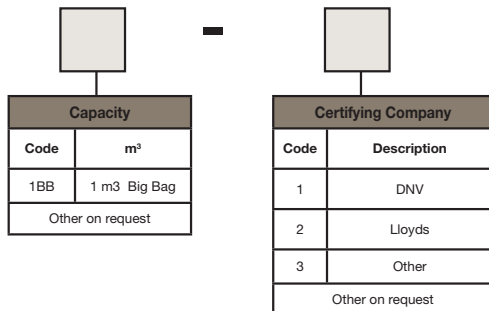
- 25 lbs (11,3 kg) per batch

Required Utilities

- Compressed air at 102 psi (7 bar)

Ordering Information

DFP



Specifications are subject to change without notification.
 For User Responsibility Statement, see www.parker.com/safety

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