

# DFDDS

## DUST FREE SEMI AUTOMATIC DE DOSING SYSTEM

# DUTCH FILTRATION



### FEATURES

- Frame designed and certified according DNV 2.7-1/ ISO 10855/ EN 12079
- Plug and play system
- Closed system
- Dual hopper system

### BENEFITS

- Globally accepted for offshore use
- Easy and reliable connection with existing filter units
- No Exposure to Diatomaceous earth dust
- Large colume at site

### APPLICATIONS

- Completion fluids
- Work over fluids
- Gravel pack fluids
- Waste water
- (Bio) diesel
- Surface water intake
- Process water
- Frac fluids
- Wellbore clean up fluids

### OPTIONAL

- Capacity
- ISO corner blocks
- Single hopper

The Dutch Filtration DE dosing system is dosing dust free Diatomaceous Earth into the mix tank of the slurry skid prior to precoat or body-feed the filter press or vertical pressure leaf. The offshore DNV2.7-1 certified framed system contains 2 hoppers (one in operation mode and the other one can be refilled), including an air driven powder pump and 15 m (45 ft.) feed hose. The mix tank needs to be equipped with a mix manifold. The DE-media will arrive in big bags. The big bag will be hooked to the lid (will keep the DE dry) of the hopper tank and lifted into the hopper tank. The big bag can be opened at the bottom through a door in the hopper tank. The powder pump, between the hopper tanks, will pump the DE media from the hopper tank to the dosing manifold on the mix tanks and mix the DE with the fluid in circulation over the mix tank, dust free and semi-automatic.

### Contact

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# SPECIFICATIONS DUST FREE DE DOSING SYSTEM

Design Specifications	
Capacity	2x Big Bag 500 kg (total 1000kg) (2x 1102 lbs)
Pump*	3" powder pump pneumatic operated
Design code frame	DNV 2.7-1 / ISO 10855/ EN12079 certified
Lifting	Hoisting slings (certified) and forklift pockets
Lifting lid/big bag	Lid fitted with sling, lid with lifting eyes for big bag
Dimensions	
Weight empty / Weight loaded	2425 lbs (1100 kg) / 3086 lbs (1400 kg)
Dimension (L x W x H)	10.4 x 5.4 x 9.9 ft (3.18 x 1.65 x 3.03m)
Connections/Valves/ Instruments	
In-/Outlet	3"
Main calces	3" gate valve brass
Materials	
Material frame	Carbon steel, epoxy coated
Material holding tanks	Stainless steel

\* required utility compressed air at 102 psi (7 bar)

## ORDERING CODE

Type	Capacity	DNV
DFDDS	2xBB	DNV certified
Example: DFDDS-2xBB is Dust free semi-automatic DE dosing system for 2xbig bag		

