

DFST2700-2/C24

STACKABLE MIXING SLURRY SKID WITH DUAL VESSEL FILTER UNIT

DUTCH FILTRATION



The Dutch Filtration stackable dual mixing slurry skid is a complete unit for pre-coating, body feed and polishing of fluids. The stackable unit can be placed and fixed on top of the filter press. This set-up will give the minimum footprint during operation of the filter system. The unit has one frame and contains 2x 16 BBL mixing tanks, air driven pre-coat and body feed pump, two cartridge filter vessels each 50 cartridges. The unit is equipped with a safe working platform.

FEATURES

- Frame designed and certified according DNV 2.7-1/ ISO10855/ EN12079
- Air driven precoat and body feed pump
- All wetted parts SS316
- Connections unions fig.206
- Stackable on top of the filter press

BENEFITS

- Globally accepted for offshore use
- Reliable system with back up pump
- No corrosion issues
- Minimum deck space required

APPLICATIONS

- Completion fluids
- Produced water
- Work over fluids
- Gravel pack fluids
- Wellbore clean up fluids
- Process water
- Frac fluids
- Pipeline flushing
- Waste water

OPTIONAL

- Rudi Quick Opening Closure (no tools and no bolts), standard is swing bolt closure
- High flow 6" manifolds
- High flow cartridges
- Epoxy coated Colour
- ISO corner blocks

Contact

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SPECIFICATIONS STACKABLE MIXING SLURRY SKID WITH DUAL VESSEL FILTER UNIT

Design Specifications	
Design pressure	145 psi (10 bar)
Max. working temperature	212 °F (100 °C)
Design code frame	DNV 2.7-1 / EN 12079 certified
Lifting	Hoisting slings (certified) and forklift pockets
Documentation	Lifting certification, pressure test certificate, operation and maintenance manual, CE declaration
Design Specifications Cartridge Filter Vessels	
Max. recommended flow	18 BPM (172 m³/h)
Safety valve set point	145 psi (10 bar)
Vessel closure	Swing bolts / eye nuts
Dimensions	
Vessel diameter	24 " (610mm)
Number of cartridges	50 cartridges/ vessel
Cartridge diameter	2,5"
Cartridge length	40" plug in type
Precoat tank slurry skid	17 BBL (2.7 m³) SS, with separate agitation system
Body feed tank slurry skid	17 BBL (2.7 m³) SS, with separate agitation system
Weight (empty)	11023 lbs (5000 kg)
Dimension (L x W x H)	16.4 x 5.6 x 6.2 ft (5.0 x 1.7 x 1.9m)
Connections / valves / instruments	
Piping size	4 inch
In-/Outlet	4" Union fig.206 inch to 4" NPT-M
Drain	1" SS316 ball valve with 1" BSP-F
Vent	1" SS316 ball valve with 1" BSP-F
Pressure relief valve	1" bronze, set point 7 bar
Main valves	4" BFV- Cast iron body, NBR seat and SS316 disc
Equalizing line slurry skid	4" with isolation valve
Sample point slurry skid	2 x 1/2" on in and outlet manifold
Pumps slurry skid	3" Pre-coat diaphragm air driven
	2" Body feed air diaphragm driven pump
Agitation slurry skid	2x Air bubbling system
Instruments	2 manometers; in-/outlet pressure gauges 0-150 psi (0-10 bar)
Materials Cartridge filter unit	
Material frame	Carbon steel, epoxy coated RAL 6017 other colours on request
Material piping	SS316 (all wetted parts)



ORDERING CODE

Type	Size	Execution	Type second part	Vessel size	Connection	Closure	DNV
DFST	2700 = 2700 l	2 = double tank	C= dual vessel cartridge	24 = 24 " diameter	4 = 4"	R = Rudi quick opening closure	DNV certified
	Other on request		B = dual vessel bag				
			CB = dual vessel combi				
Example: DFST2700-2/C24-4-R-DNV is Stackable Slurry Skid with Dual Cartridge Vessels 24" with Rudi Quick Opening Closure en DNV certified							

