

Mud Cleaner

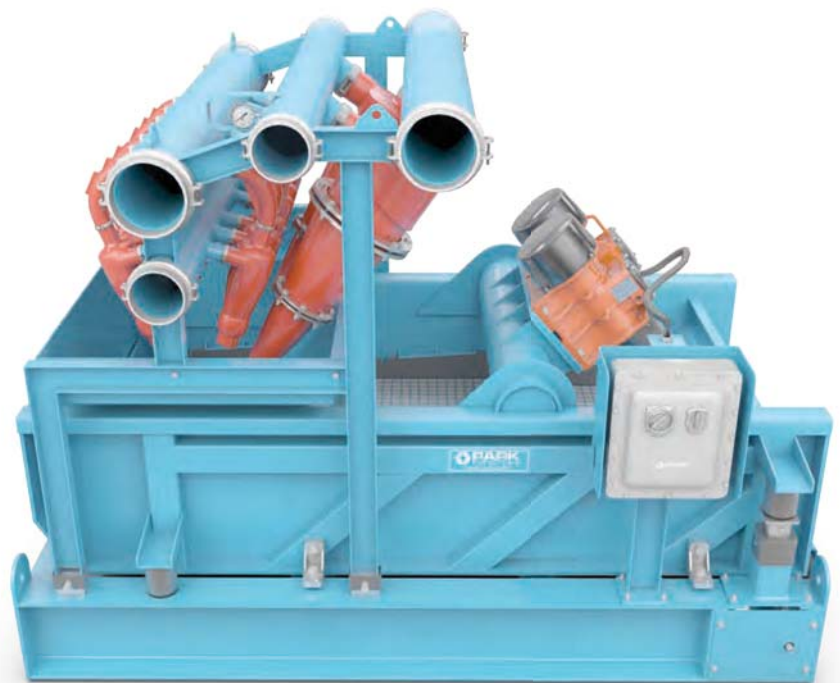
The ParkProcess Mud Cleaner is designed to handle a high flow rate of fluid through the hydrocyclones which separate out fine solids into a concentrated underflow that is then distributed onto the vibratory screening deck. This combination of hydrocyclones and screening energy allow for treatment of a much higher flow rate of fluid than a vibratory screening unit can handle itself. This small compact unit is a powerful tool in removing small solids from a high flow rate stream, while producing relatively dry solids that report off of the screening unit.

Drilling Mud Cleaners for Drilling Fluids Solids Control:

This model Mud Cleaner combines 10" desander hydrocyclone(s) with smaller 4" hydrocyclones, effectively taking two "cuts" at the unwanted solids contaminating the fluid. The 10" remove large solids down to approximately 100 microns and the 4" can remove solids down to the 20 micron size range. The vibratory screening unit is designed to take the underflow of both size sets of hydrocyclones and separate the concentrated solids from the liquid. The Mud Cleaner requires two pumps to operate, with the pump feeding the 10" cyclones typically taking a suction from a compartment upstream from the compartment from which the other pump takes its suction to feed the 4" hydrocyclones. The Mud Cleaner will be designed to handle the entire circulating volume of whichever system in which it is operating. Mud Cleaners are effective on both weighted and un-weighted drilling-fluid systems in removing and drying solids while retaining the expensive liquid phase. Used correctly, the Mud Cleaner can lower both drilling fluid and disposal costs.

► Features

- Desander & Desilter & Screening Unit all combined into one unit for compact footprint.
- Polyurethane constructed hydrocyclones for long life abrasion resistance.
- Removable hydrocyclone assembly so that vibratory screening unit can be used by itself.
- Patented adjustable screen deck angle (while operating).
- Patented rubber wedge sealing for mud cleaner screen deck and screen.
- Shaker bottom deck made from Stainless Steel for long service life.
- Heat treatment on complete shaker deck for High G force operation.
- Pre-tensioned Shaker screens for fast screen replacement.
- Top Brand Vibration Motors: IEC EX, ATEX and UL Certified



Technical Parameters

Model	ComboCat CC-OF-B-1x10/8x4	ComboCat CC-OF-B-2x10/12x4	ComboCat CC-OF-D-2x10/12x4	ComboCat CC-OF-B-3x10/16x4	ComboCat CC-OF-D-3x10/16x4
Capacity	528 GPM	1056 GPM		1584 GPM	
Desander Size	10 Inch				
Desander Qty	1 pcs	2 pcs		3 pcs	
Desilter Size	4 Inch				
Desilter Qty	8 pcs	12 pcs		16 pcs	
Working Pressure	40-60 psi				
Feeding Size	6 Inch				
Output Size	8 Inch				
Bottom Shale Shaker Specifications					
Shaker Model	LMOF-B	LMOF-D	LMOF-B	LMOF-D	
Vibration Mode	Linear Motion				
Vibration Motor	2x2.3 HP				
Screen Qty	3 pcs	4 pcs		3 pcs	4 pcs
Screen Size	27.5" x 49.25"	23" x 46"		27.5" x 49.25"	23" x 46"
Screen Area	28.3 sqft	29.4 sqft		28.3 sqft	29.4 sqft
Adjust G Force	≤ 7.5G				
Vibration Motor	5/32"-15/64"				
Deck Angle Range	-1° ~ +5° (Adjustable)				
Explosion Proof Standard	IEC EX/ ATEX				
Weight-lbs.	4,565	5,060	5,160	5,275	5,380
Dimensions LxWxH (Inches)	95.25 x 83.25 x 72.75	95.25 x 83.25 x 84.75	104 x 83.25 x 84.5	95.25 x 83.25 x 84.5	104 x 83.25 x 84.5

Dimensions shown in drawing:
 Side view: 14.37, 23.54, 47.17, 7.12, 72.05, 58.62, 101.65, 103.90
 Front view: 77.36, 84.53, 67.72, 84.80

NOTES:
 1. ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE.

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		MUD CLEANER	
DRAWING IS INTENDED FOR GENERAL ARRANGEMENT/PLACEMENT.			
P#	DWN	ENK	DWG. NO.
RC	AU	DATE	REV
		07/16/15	PP-OG-MC-01 A