

Desander

A desander is a significant part of the mining and drilling process. This simple container helps filter out grainy solids from drilling liquid, often in mud form, that is brought up from a drilling hole. Located close to the end of the entire purification process, but not the last step, desanding is famous for its simplicity and lack of moving parts. Its effectiveness has seen this technique adapted into many industries. The steps before a [oilfield desander](#) is used are numerous and differ relying on the industry that is utilizing the drilling fluid recovery. Generally, colorfully named tools such as gas busters, gumbo removal equipment, shale shakers, mud cleaners and vacuum degassers are all used to break down the fluid to the stage where the desander can remove small grains. After the desander is utilized, many industries also use a desilter to further purify the liquid.

General Features



CS series Desanders are second [solid control](#) equipment in the solid control system. Featured with small-dimension and high capacity. Suitable for onshore or offshore drilling operations.

Details

The CS series desanders were developed to provide the market with more reliable technology and more hoisting performance. Widely used in oil & gas drilling operations. Featured with simple structure, the desander is easy to operate and maintenance. Included but not limited by the advantages mentioned, CS series desanders might be your best choice.

General Features

- Suitable for cold area and desert environment
- Suitable for onshore or offshore rigs
- Customer designed capacity available
- Easy to operate and maintenance
- Electric parts are from Siemens, Schneider, ABB or other famous suppliers

Main Parameters

Capacity: 4238 scfh – 12713 scfh (120 m³/h – 360 m³/h)

Parameters:

Model	CS752E-1S/2S	CS703E-D2S	CS703E-3S
Capacity	120/240m ³ /h	240m ³ /h (1056GPM)	360m ³ /h (1584GPM)
Desander Size	10 Inch		
Desander Qty	1/2pcs	2pcs	3pcs
Working Pressure	0.25~0.4Mpa		
Feeding Size	6 Inch		
Output Size	8 Inch		
Bottom Shale Shaker Specs			
Shaker Model	GNZS752E	GNZS703E	
Vibration Mode	Linear Motion		
Vibration Motor	2×0.75Kw	2×1.72Kw	
Angle Adjust Motor	N/A	N/A	
Screen Qty	2pcs	3pcs	
Screen Size: L×W	750×900mm	700×1250mm	
Screen Area	1.35m ²	2.63m ²	
Adjust G Force	≤7.1G	≤7.5G	
Vibration Amplitude	3.92~5.62	4.14~5.96	
Deck Angle Range	+2°	-1° ~+5° (adjustable)	
EX Standard	ExdIIBt4 / IEC EX/ ATEX		
Weight (Kg)	1048/1105	1888	1964
Dimension (mm)	1674×1707×1719	2419×2113×1608	2419×2113×2126