

## Desilter

Desilter plays a major part in the drilling liquid solid control system. A hydrocyclone much like a desander except that its design incorporates a greater number of smaller cones. As with the desander, its purpose is to remove unwanted solids from the mud system. The smaller cones allow the desilter to efficiently remove smaller diameter drill solids than a [desander](#) does. For that reason, the desilter is located downstream from the desander in the surface mud system.

### General Features



CN series Desilters are tertiary mud [solid control](#) equipment. Featured with small-dimension, high capacity. Suitable for onshore or offshore drilling operations.

### Details

The CN series desilters 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 desilters is easy to operate and maintenance. Included but not limited by the advantages mentioned, CN series desilters 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 – 8475 scfh ( 120 m3/h – 240 m3/h )

### Parameters:

Model	CN752E-8N/12N	CN703E-D8N/D12N	CN703E-16N
Capacity	120m3/h (528GPM) / 240m3/h (1056GPM)		360m3/h (1584GPM)
Desilter Size	4 Inch		
Desilter Qty	8/12pcs		16pcs
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	1.35m2	2.63m2	
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)	1057/1097	1846/1886	2016
Dimension (mm)	1674×1707×1719	2419×2113×1608	2419×2113×2126