



Water Treatment Desander

Desanders effectively remove solids from liquids using centrifugal action and is designed for high efficiency solids removal from the dirtiest of applications. The desander unit removes the droppings out in vessels and eroding valves and fittings. The desander is used in a wide range of onshore and offshore applications from primary filtration to waterflood injection, disposal wells, and SAGD. The desander works on a differential of specific gravities of the solids versus the liquid.

Features & Benefits

- High performance and reliability
- No moving parts and modular construction
- Lightweight and small skid-mounted footprint
- Not effected by fluctuations in motion
- No screens or filter elements to clean or replace
- No servicing routines save maintenance time and cost
- No backwashing
- Low and steady pressure loss saves energy and provides more predictable operating system

Technical Specifications

Equipment	Desander
Dimensions (L x W x H)	3'6" x 2'7" x 7'8"
Operating Weight (lbs.)	600
Flow Rate (BPM)	2.2 - 3.8
Maximum Pressure	150
Connections (Inlet, Outlet and Drain)	2" flg. 206
Material	Carbon Steel
Vessel Design	ASME VIII 150 psi

Particle Size

Particle Size (microns)	Typical Efficiency
>74	98%
40 - 73	95
20 - 39	84
1 - 19	50

