



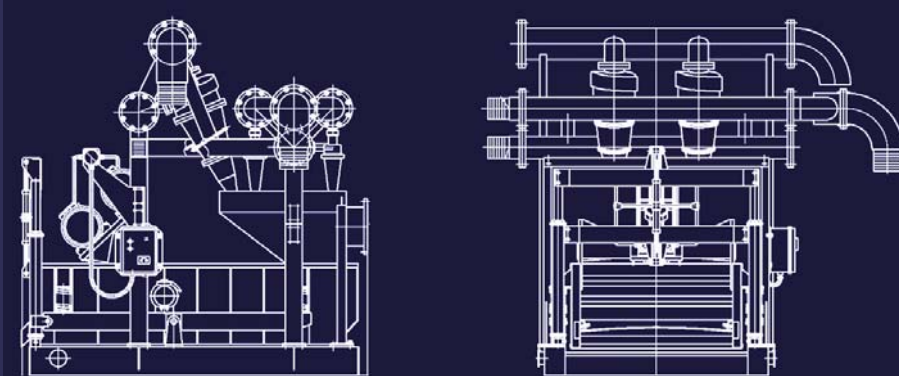
MUD CLEANER



XI'AN KOSUN MACHINERY CO.,LTD.

— Since 1992

KOSUN MD series highly effective mud cleaner is the second or third stage separation equipment of drilling liquid, which will handle the solids particle after being treated by the first grade separation equipment. The mud will be recovered and cuttings which are bigger than mud will be removed. Then the cuttings in the underflow will flow into circulation tanks through the screens when the weighted mud passes while the particles that are bigger than mesh will be removed.



- Polyurethane (PU) Material, high-chromium cast iron or ceramic for desander and desilter cones.
- Desander cones can be installed between one and three 10" desander cones, each cone can process 500GPM and makes a separation between 45 and 75 microns.
- Desilter cones can be installed between eight and twenty 4" or 5" desilter cones, each cone can process 80 GPM, and makes a separation between 15 and 45 microns.
- Mechanical Deck Adjustable while operation for reliable performance.
- Compact design with small footprint, with top feed and weir feed two options.
- Hook-strip shaker screen for fast screens changing with PWP and PMD screens



Desilter Cone



Desander Cone



AWD angle adjustment system



Feeder



Vibration motors



Screen basket

| Model | KOSUN MD 210 |
|--|--|
| Treating Capacity m ³ /h/GPM | 240/1056 |
| Vibrating Mode kW/HP | Linear Motion |
| Motor Power Kw | 2×1.72/2×2.31 |
| Desilter Cones mm/in | 10×100/10×4 |
| Desander Cones mm/in | 2×250/2×10 |
| Power | 380V/50HZ, 460V/60HZ or Customized |
| Shaker Screen m ² / ft ² | 2.2/24 |
| Screen Dimension mm/in | 700 x1050/27.6x41.3 |
| Dimension mm/in | 2448x2943x2508/96.4x115.9x98.7 |
| Weight kg/lbs | 2380/5247 |
| Remarks | Treating capacity test from mud: 1.2g/cm ³ density & viscosity 45s & API 40 screen for single Deck. |

KOSUN desander is used as the 2nd stage of solids control for drilling mud, which makes separations between 45 and 75 microns.



- Polyurethane(PU) Material or high-chromium cast iron for desand with longer service life.
- Clamp type for easy maintenance.
- Compact design with small footprint.
- Flexible options for 1, 2 or 3 for different capacities.
- Flexible fast connection is available for user assembly.

| Model | DS250 |
|---|-------------------------------|
| Treating Capacity m ³ /h/GPM | 240/1056 |
| Cone size mm/in | 250/10 |
| Cone Nuvmber | 1~3 |
| Pressure Mpa | 0.25~0.4 |
| Matching Pump kW/HP | 55/75 |
| Separation Size μm | 40~100 |
| Inlet Size mm/in | 150/6 |
| Outlet Size mm/in | 200/8 |
| Dimension mm/in | 1455×1774×2100/57.3×69.8×82.7 |
| Weight kg/lbs | 1240/2734 |

KOSUN desilter is used as the 3rd stage of solids control for drilling mud, which make separations between 15 and 45 microns.

- 100% Polyurethane(PU) material for desilter cones with longer using life
- Clamp type for easy maintenance
- Compact design with small footprint.
- Flexible options for 8 or 10, 12, 16 for different capacities.
- Flexible fast connection is available for user assembly.

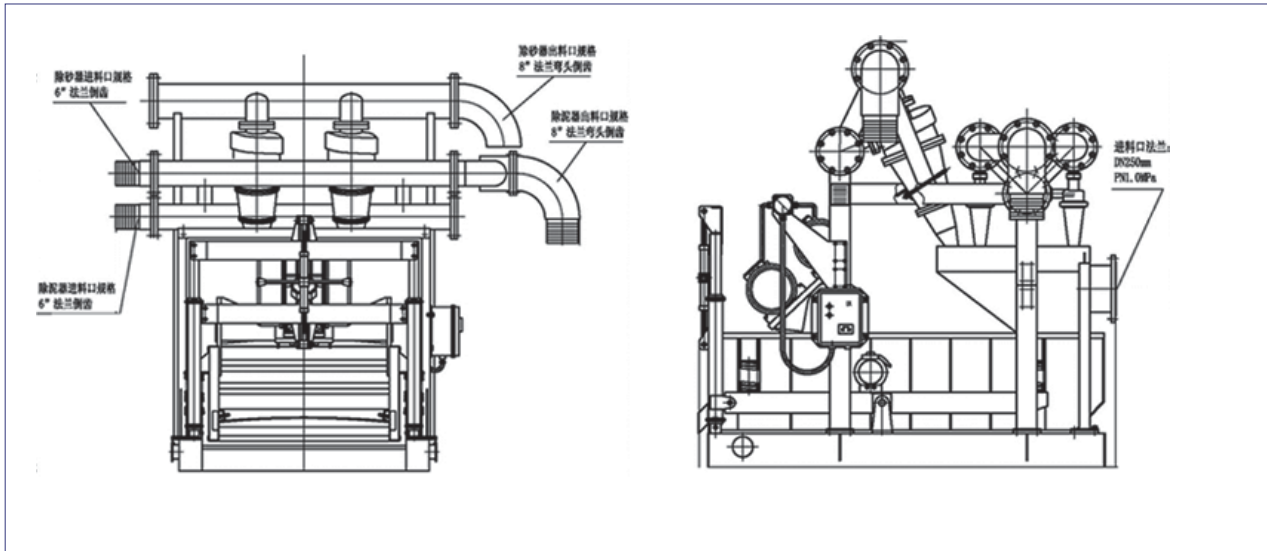


| Model | DL100 |
|---|-------------------------------|
| Treating Capacity m ³ /h/GPM | 240/1056 |
| Cone size mm/in | 100/4 |
| Cone Nuvmber | 8~10 |
| Pressure Mpa | 0.25~0.4 |
| Matching Pump kW/HP | 55/75 |
| Separation Size μm | 10-74 |
| Inlet Size mm/in | 150/6 |
| Outlet Size mm/in | 200/8 |
| Dimension mm/in | 1455×2426×1774/57.3×95.5×69.8 |
| Weight kg/lbs | 1050/2315 |



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| | |
|----------------------------|---|
| Model KOSUN | KOSUN MD 210 |
| Treating Capacity m3/h/GPM | 240/1056 |
| Vibrating Mode kW/HP | Linear Motion |
| Motor Power Kw | 2×1.72/2×2.31 |
| Desilter Cones mm/in | 10×100/10x4 |
| Desander Cones mm/in | 2x250/2x10 Dimension mm/in |
| Power m2/ ft2 380V/50HZ, | 380V/50HZ, 460V/60HZ or Customized |
| Shaker Screen | 2.2/24 |
| Screen Dimension mm/in | 700 x1050/27.6x41.3 |
| Dimension mm/in | 2448x2943x2508/96.4x115.9x98.7 |
| Weight kg/lbs | 2380/5247 |
| Remarks | Treating capacity test from mud: 1.2g/cm3density & viscosity 45s & API 40 screen for single |