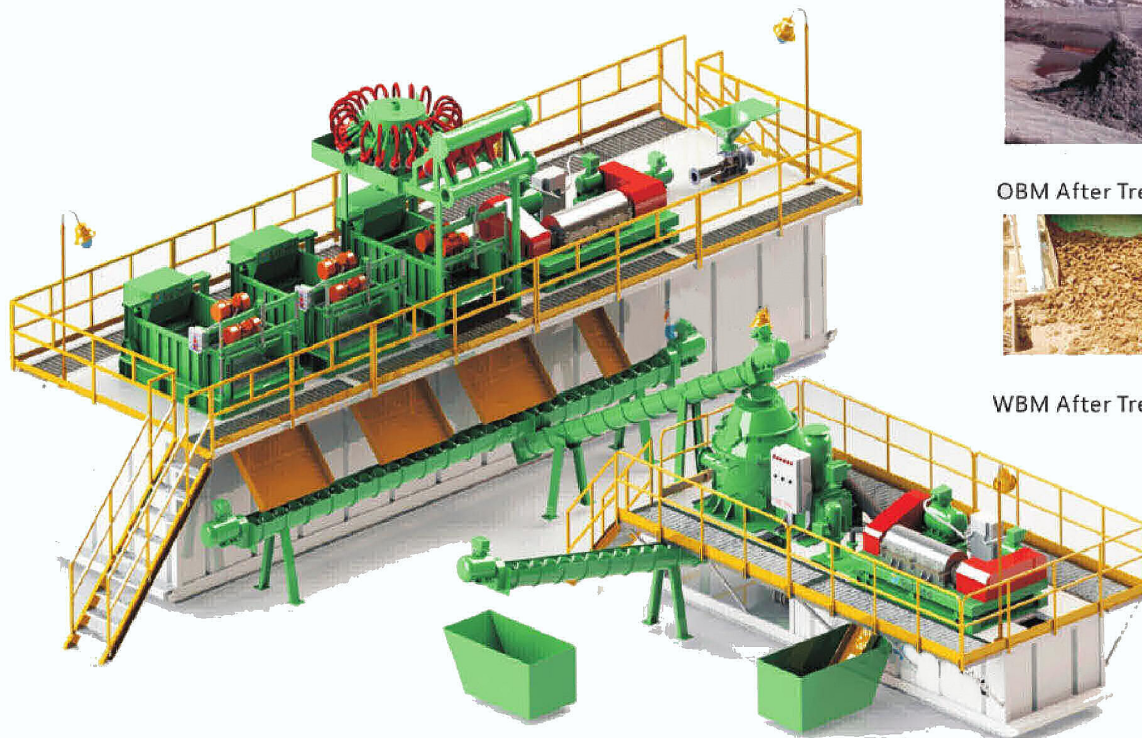


Drilling Waste Management



OBM After Treatment



WBM After Treatment

Pitless System Introduction

With the increasing environmental protection of oil fields, develops our own intellectual property rights pitless system and equipment.

Drilling Waste Management is also called pitless system, this system is mainly combined with Drying Shaker, Cutting Dryer, Decanter Centrifuge, Screw Conveyor and Pumps. It is widely used for drilling cuttings treatment. As an API Certified manufacturer, can independently design and manufacture various model Drilling Waste Management or Cutting Dryer System according to customer's requirement.

Pitless System Case

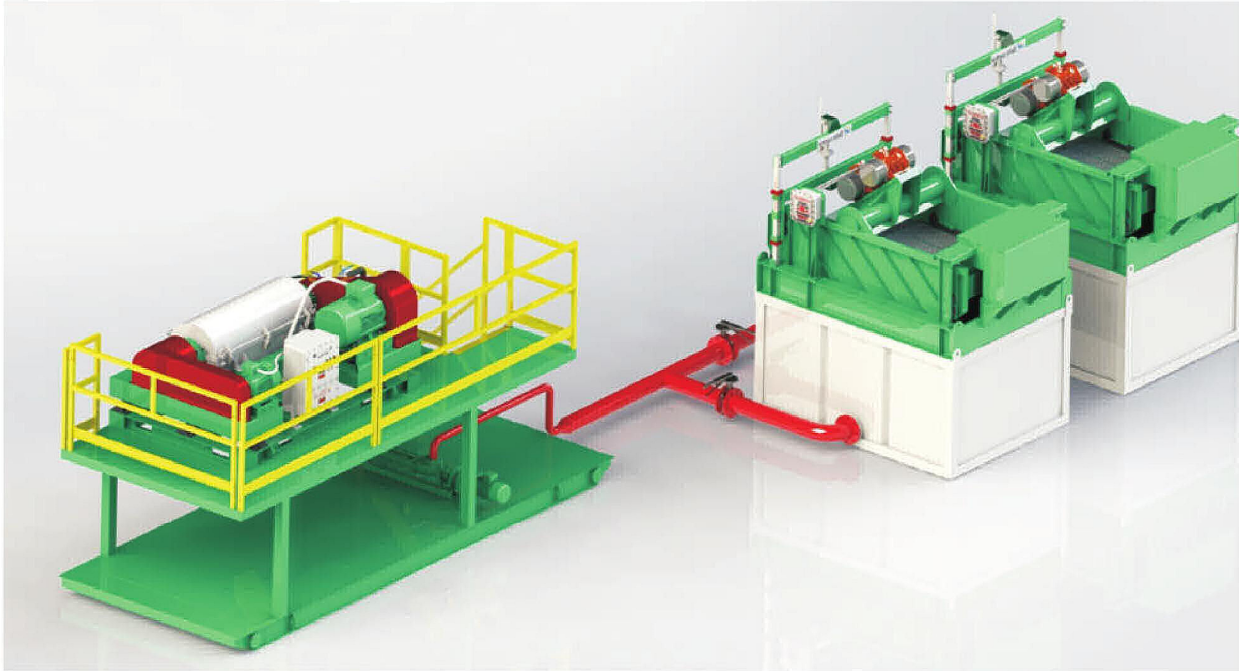


| | | | |
|---|------------------------|---|-------------------------------|
| 1 | Drying Shaker | 1 | TRZS585 |
| 2 | Vertical Cutting Dryer | 1 | TRCD930C |
| 3 | High Speed Centrifuge | 1 | TRLW355N-1 |
| 4 | Sand Pump | 2 | TRSB4×3-11 |
| 5 | Centrifuge Supply Pump | 1 | 80YZ50-20B |
| 6 | Screw Conveyor | 1 | TRL×350×3000 |
| 7 | Mud Tank | 2 | 3m×2.15m×1.3m 9m×2.2m×1.3m |

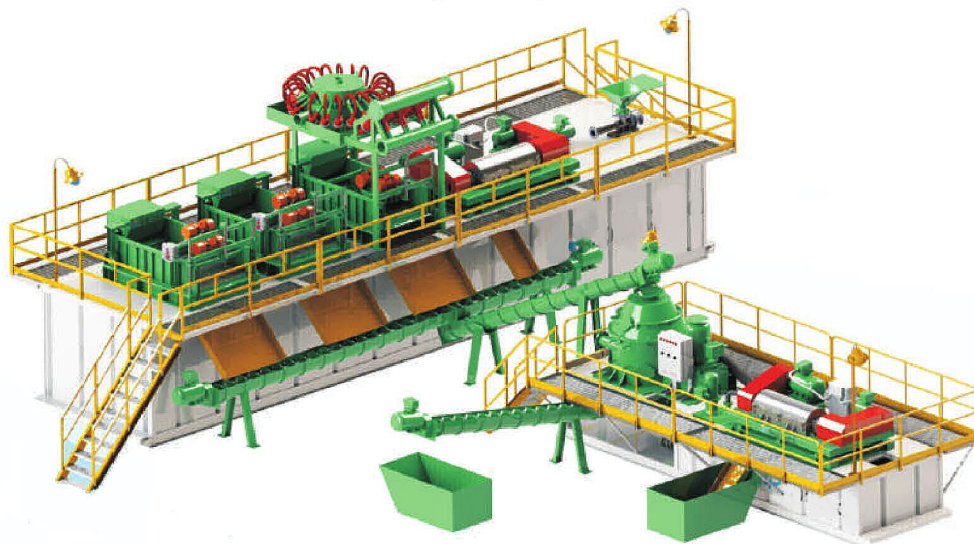
Filter Pressing Type Drilling Waste Management



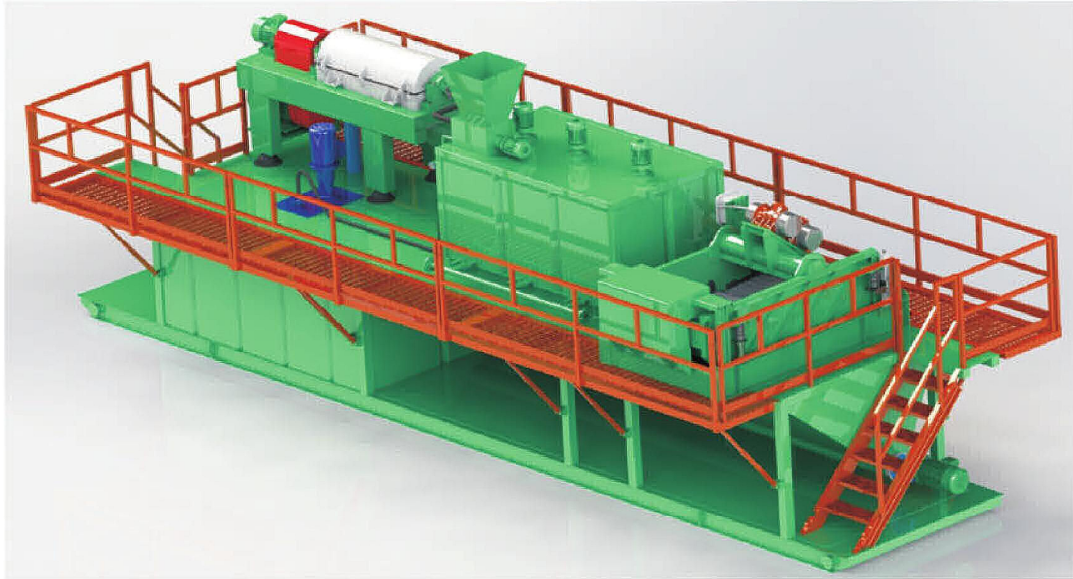
Drilling Cuttings Mud Dewatering System



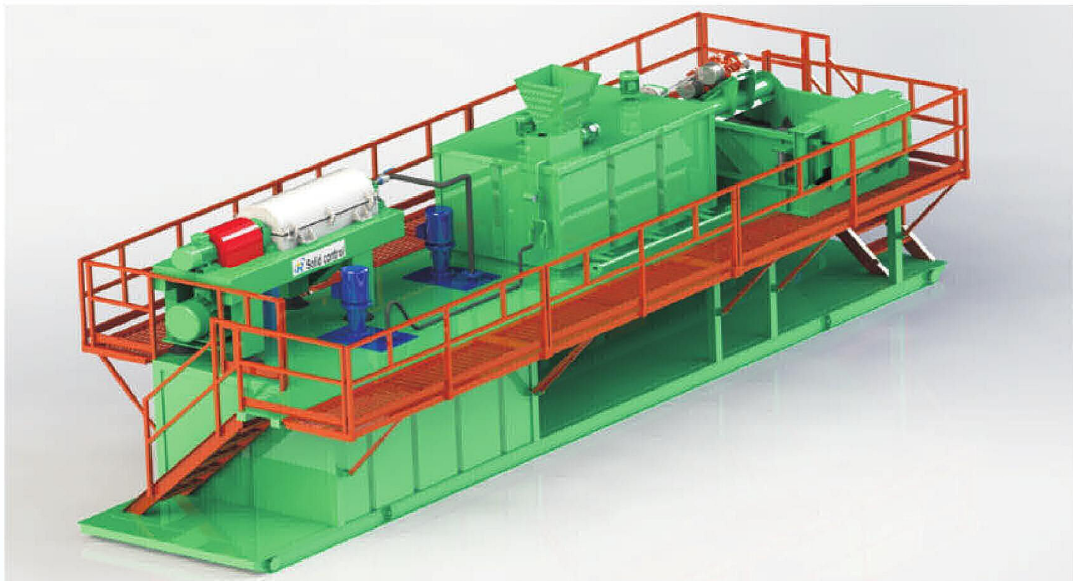
| | | | |
|---|-----------------------|---|-----------------------|
| 1 | Drying shaker | 2 | TRZS585G TRZS703G |
| 2 | Shale shaker tank | 2 | 2600X1700X1000 |
| 3 | High speed centrifuge | 1 | TRLW355N1 TRLW355NB-1 |
| 4 | Screw pump | 1 | TRG30A-075 |
| 5 | Centrifuge lifter | 1 | 4000X2200X1300 |



Drilling Cuttings Mud Dewatering System



| | | | |
|---|-----------------------|---|-----------------------|
| 1 | Drying shaker | 2 | TRZS585G TRZS703G |
| 2 | Chemical agent tank | 2 | 3200X1550X2500 |
| 3 | High speed centrifuge | 1 | TRLW355N1 TRLW355NB-1 |
| 4 | Screw pump | 1 | TRG30A-075 |
| 5 | Mud tank | 1 | 9000X2300X1300 |



Drying Shaker



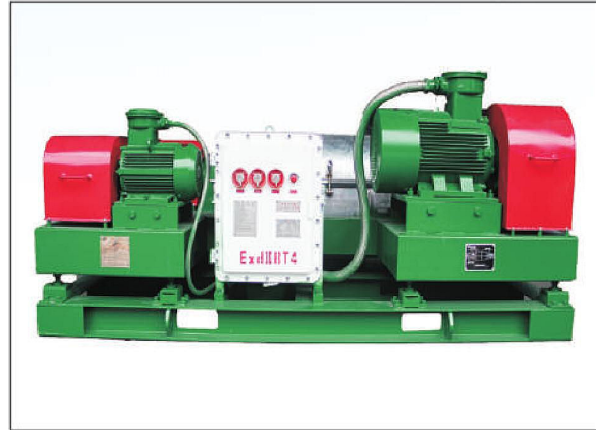
| | | |
|--------------------|----------------------------|----------------------|
| Model | TRPS585G | TRZS585G |
| Vibration Motion | Balanced Elliptical Motion | Linear Motion |
| Capacity | 140m ³ /h | 130m ³ /h |
| Motor Power | 1.94+1.0kw | 1.94kw × 2 |
| Screen Specs. | (585 × 1165mm) × 4 | (585 × 1165mm) × 4 |
| Screen Area | 2.7m ² | 2.7m ² |
| Vibration Strength | ≤8.5G | ≤8.5G |
| Double Amplitude | 7mm | 7mm |
| Adjustment Angle | -3° ~ +3° | -3° ~ +3° |
| Ex Standard | ExdIIBt4 / IECEx / A-TEX | |
| Weight | 1618kg | 1700kg |
| Dimension | 2600 × 1645 × 1380mm | 2600 × 1645 × 1480mm |

Vertical Cutting Dryer



| Model | TRCD930C | TRCD930B-VFD |
|-----------------------------|------------------------|--------------|
| Capacity (T/h) | 30-50T/h | |
| Basket Max. Diameter | 930mm | |
| Basket Gap | 0.25 ~ 0.5mm | |
| Rotary Speed | 900r/min | 0 ~ 900r/min |
| Air knife AirInlet Pressure | 0.69 mpa | |
| Air Tool Air Supply | 1.8m ³ /min | |
| Fuel Tank Volume | 60L | |
| Main Motor Power (kW) | 55kw | |
| Oil Pump Power (kW) | 0.55kw | |
| Weight | 5900kg | 600kg |
| Dimension | 2750 × 2130 × 1800mm | |

Decanter Centrifuge



| Model | TRLW600B-1 | TRLW450N-1 | TRLW450N-2 | TRLW355N-1 | TRLW355NB-1 |
|-----------------------|--------------------------|----------------------|----------------------|----------------------|----------------------|
| Bowl Diameter | 600mm | 450mm | 450mm | 355mm | 355mm |
| Bowl Length | 1500mm | 1000mm | 1250mm | 1250mm | 1250mm |
| Bowl Speed | 2200r/min | 2200r/min | 3200r/min | 3200r/min | 0 ~ 3200r/min |
| Capacity | 90m ³ /h | 50m ³ /h | 50m ³ /h | 40m ³ /h | 40m ³ /h |
| G-Force | 815 | 815 | 2035 | 2035 | 0 ~ 2035 |
| Separation point | 5 ~ 7μm | 5 ~ 7μm | | 2 ~ 5 μ m | 2 ~ 7 μ m |
| Gear Box Speed | 40r/min | 40r/min | 30r/min | 30r/min | 0-30r/min |
| Gear Box Ratio | 35:1 | | 57:1 | | |
| Main Motor Power | 55kw | 30kw | 37kw | 30kw | 37kw |
| Auxiliary Motor Power | 15kw | 7.5kw | 7.5kw | 7.5kw | 7.5kw |
| EX Standard | ExdIIBt4 / IECEX / A-TEX | | | | |
| Weight | 4800kg | 2700kg | 3200kg | 2900kg | 3200kg |
| Dimension | 2900 × 1900 × 1750mm | 2600 × 1860 × 1750mm | 2600 × 1860 × 1750mm | 2600 × 1620 × 1750mm | 2600 × 1620 × 1750mm |

Desander



| Model | TRCS200-1S/2S | TRCS250-1S/2S | TRCS250-3S | TRCS300-1S/2S |
|------------------|--|---|----------------------|---|
| Capacity | 60m ³ /120m ³ /h | 100m ³ /200m ³ /h | 300m ³ /h | 120m ³ /240m ³ /h |
| Cyclone Specs | 8in | 10in | 10in | 12in |
| Cyclone Qty | 1nos/2nos | 1nos/2nos | 3nos | 1nos/2nos |
| Working Pressure | 0.25 ~ 0.4mpa | | | |
| Inlet Size | DN125mm | DN150mm | DN150mm | DN150mm |
| Outlet Size | DN150mm | DN200mm | DN200mm | DN200mm |
| Separation Point | 45 μ m ~ 75 μ m | | | |
| Bottom Shaker | TRTS60 | TRTS60 | TRZS752 | TRZS752 |
| Dimension | 1510 × 1160 × 2000mm | 1510 × 1360 × 2250mm | 1835 × 1230 × 1810mm | 1835 × 1230 × 1810mm |
| Weight | 570kg/620kg | 670kg/760kg | 1300kg | 1380kg |

(Features and Benefits)

1. Pure polyurethane or high-chromium iron for cyclone.
2. Clamp connection for the installation of cyclone, easy to dismantle and replace.
3. Ball valve is installed at the inlet and outlet of cyclones, it is available to choose the cyclone number independently.
4. Adopted international brand vibration motor, Martin or OLI motor.
5. We can install Derrick hydrocyclones.

Shale shaker



| Model | TRPS703 | TRPS585 | TRZS703 | TRZS585 | TRZS752 |
|--------------------|---|-------------------------|-------------------------|-------------------------|-------------------------|
| Vibration Motion | Balanced Elliptical Motion | | Linear Motion | | |
| Treatment Capacity | 130m ³ /h | 140m ³ /h | 120m ³ /h | 130m ³ /h | 60m ³ /h |
| Motor Power | 1.94+1.0kw | 1.94+1.0kw | 1.5kw × 2 | 1.72kw × 2 | 0.75kw × 2 |
| Screen Specs. | (700 × 1250mm) × 3 | (585 × 1165mm) × 4 | (700 × 1250mm) × 3 | (585 × 1165mm) × 4 | (750 × 900mm) × 2 |
| Screen Area | 2.6m ² | 2.7m ² | 2.6m ² | 2.7m ² | 1.4m ² |
| Vibration Strength | ≤7.1G | ≤7.1G | ≤7.1G | ≤7.1G | ≤7.1G |
| Double Amplitude | 7mm | 7mm | 6mm | 6mm | 5mm |
| Adjustment Angle | -1° ~ +5° | -1° ~ +5° | -1° ~ +5° | -1° ~ +5° | +3° |
| Ex Standard | ExdIIBt4 / IECEx / A-TEX | | | | |
| Weight | 1630kg | 1618kg | 1620kg | 1600kg | 900kg |
| Dimension | 2770 × 1785 × 1690mm | 2966 × 1600 × 1280mm | 2770 × 1785 × 1690mm | 2966 × 1600 × 1280mm | 1835 × 1280 × 1200mm |
| Remark | Above data are tested from the drilling mud with viscosity 45s, and specific gravity 1.2g/cm ³ . | | | | |

(Features and Benefits)

1. Alloy steel material;
2. Martin or OLI vibration motor;
3. Whole heat treatment, heavy anticorrosion coating;
4. Vibration strength 7.5G;
5. Vibration strength is adjustable;
6. Wedge block of shaker screen is fixed;
7. Cofferdam type hopper;
8. Schneider or Siemens electrical components.

Mud Cleaner



| Model | TRQJ200 × 1S-100 × 4N | TRQJ200 × 2S-100 × 8N | TRQJ250 × 2S-100 × 12N | TRQJ250 × 3S-100 × 20N |
|------------------------|-----------------------|-----------------------|------------------------|------------------------|
| Capacity | 60m³/h | 120m³/h | 240m³/h | 320m³/h |
| Desander Cyclone Specs | 8in | | 10in | |
| Desander Cyclone Qty | 1nos | 2nos | 2nos | 3nos |
| Desilter Cyclone Specs | 4in | | | |
| Desilter Cyclone Qty | 4nos | 8nos | 12nos | 20nos |
| Working Pressure | 0.25 ~ 0.4mpa | | | |
| Inlet Size | DN125mm | DN150mm | DN150mm | DN200mm |
| Outlet Size | DN150mm | DN200mm | DN200mm | DN250mm |
| Separation Point | 15 μ m ~ 44 μ m | | | |
| Bottom Shaker | TRZS60/N/A | TRZS752/N/A | TRZS752/N/A | TRZS703/N/A |
| Dimension | 1510 × 1160 × 2000mm | 1835 × 1230 × 1810mm | 1835 × 1230 × 1810mm | 2419 × 2150 × 2147mm |
| Weight | 600kg | 980kg | 1250kg | 2350 kg |

Desilter



| Model | TRCN100-4N | TRCN100-6N/8N | TRCN100-12N/16N | TRCN100-20N |
|------------------|---|-------------------------------------|--------------------------------------|----------------------|
| Capacity | 60m ³ | 90m ³ /120m ³ | 180m ³ /240m ³ | 300m ³ |
| Cyclone Specs | 4in | | | |
| Cyclone Qty | 4nos | 6nos/8nos | 12nos/16nos | 20nos |
| Working Pressure | 0.25 ~ 0.4mpa | 0.25 ~ 0.4mpa | 0.25 ~ 0.4mpa | 0.25 ~ 0.4mpa |
| Inlet Size | DN100mm | DN125mm | DN150mm | DN150mm |
| Outlet Size | DN125mm | DN150mm | DN200mm | DN200mm |
| Separation Point | 15 μ m ~ 44 μ m | 15 μ m ~ 44 μ m | 15 μ m ~ 44 μ m | 15 μ m ~ 44 μ m |
| Bottom Shaker | TRZS60/N/A | TRZS60/N/A | TRZS752/N/A | TRZS703/N/A |
| Dimension | 1510 × 1160X2000mm | 1510 × 1360 × 2250mm | 1835 × 1230 × 1810mm | 2770 × 1785 × 1810mm |
| Weight | 550kg | 560kg/580kg | 1150kg | 1950kg |
| Remark | All the desilter could be customized without shaker | | | |

(Features and Benefits)

1. Pure polyurethane or high-chromium iron for cyclone .
2. Clamp connection for the installation of cyclone, easy to dismantle and replace.
3. Ball valve is installed at the inlet and outlet of cyclones, it is available to choose the cyclone number independently.
4. Adopted international brand vibration motor, Martin or OLI motor.
5. Mechanical type screen box is synchronous with lifting device.
6. We can install Derrick hydrocyclones.

Vacuum Degasser

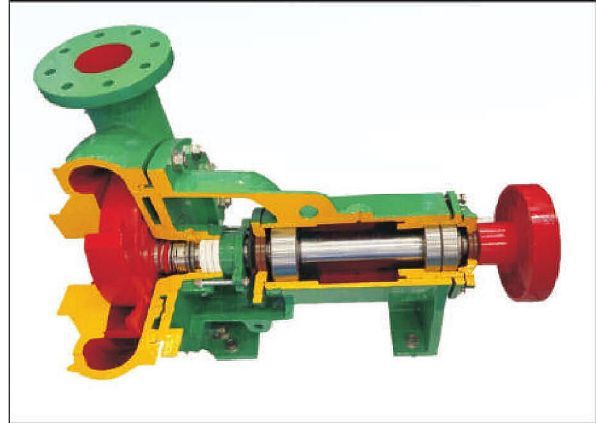
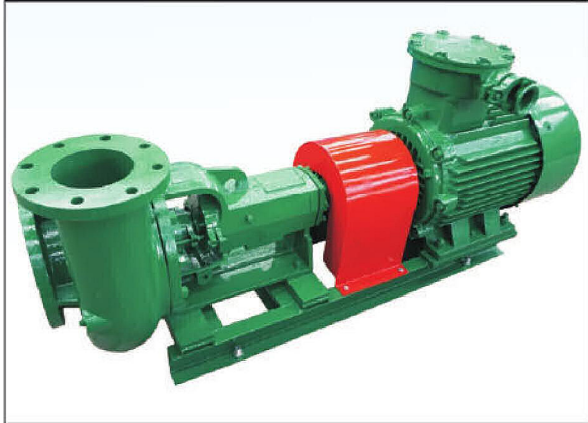


| Model | TRZCQ240 | TRZCQ270 | TRZCQ300 | TRZCQ360 |
|----------------------|--------------------------|----------------------|----------------------|----------------------|
| Body Diameter | 700mm | 800mm | 900mm | 1000mm |
| Capacity | 240m ³ /h | 270m ³ /h | 300m ³ /h | 360m ³ /h |
| Vacuum Degree | -0.03 ~ -0.045MPa | | | |
| Transmission Ratio | 1.68 | 1.68 | 1.68 | 1.72 |
| Degassing Efficiency | ≥95% | ≥95% | ≥95% | ≥95% |
| Main Motor Power | 15kw | 22kw | 30kw | 37kw |
| Vacuum Pump Power | 2.2kw | 3kw | 4kw | 7.5kw |
| Impeller Speed | 860r/min | 870r/min | 876r/min | 880r/min |
| Ex Stand | ExdIIBt4 / IECEX / A-TEX | | | |
| Weight | 1100kg | 1350kg | 1650kg | 1800kg |
| Dimension | 1750 × 860 × 1500mm | 2000 × 1000 × 1670mm | 2250 × 1330 × 1650mm | 2400 × 1500 × 1850mm |

(Features and Benefits)

1. High degassing efficiency;
2. Do not need supply pump;
3. Selecting infrared liquid level monitoring system;
4. Schneider or Siemens electrical components.

Centrifugal Pump



| Model | Flow rate | Lift | Impeller Diameter | Power | Frequency | Ex Standard | Weight | Dimension |
|----------------|----------------------|------|-------------------|--------|-----------|-------------------------------|--------------------|---------------------|
| TRSB8 × 6-14J | 320m ³ /h | 40m | 14in | 75kw | 50HZ | ExdIIIBt4/ IECEX/ A-TEX | 1096kg | 1968 × 650 × 1017mm |
| TRSB8 × 6-12J | | | 12in | | 60HZ | | | |
| TRSB8 × 6-13J | 275m ³ /h | 35m | 13in | 55kw | 50HZ | | 987kg | 1894 × 650 × 957mm |
| TRSB8 × 6-11J | | | 11in | | 60HZ | | | |
| TRSB6 × 5-13J | 200m ³ /h | 35m | 13in | 45kw | 50HZ | | 786kg | 1811 × 558 × 858mm |
| TRSB6 × 5-10J | | | 10in | | 60HZ | | | |
| TRSB6 × 5-12J | 150m ³ /h | 30m | 12in | 37kw | 50HZ | | 771kg | 1786 × 558 × 858mm |
| TRSB6 × 5-9J | | | 9in | | 60HZ | | | |
| TRSB5 × 4-13J | 120m ³ /h | 35m | 13in | 30kw | 50HZ | | 696kg | 1696 × 568 × 805mm |
| TRSB5 × 4-11J | | | 11in | | 60HZ | | | |
| TRSB5 × 4-12J | 90m ³ /h | 30m | 12in | 22kw | 50HZ | | 583kg | 1648 × 568 × 800mm |
| TRSB5 × 4-10J | | | 10in | | 60HZ | | | |
| TRSB4 × 3-13J | 65m ³ /h | 35m | 13in | 18.5kw | 50HZ | | 561kg | 1595 × 505 × 800mm |
| TRSB4 × 3-12J | | | 12in | | 60HZ | | | |
| TRSB4 × 3-12J | 55m ³ /h | 28m | 12in | 15kw | 50HZ | | 482kg | 1550 × 505 × 755mm |
| TRSB4 × 3-10J | | | 10in | | 60HZ | | | |
| TRSB4 × 3-11J | 45m ³ /h | 25m | 11in | 11kw | 50HZ | 464kg | 1510 × 505 × 755mm | |
| TRSB4 × 3-9.5J | | | 9.5in | | 60HZ | | | |
| TRSB3 × 2-10J | 30m ³ /h | 20m | 10in | 7.5kw | 50HZ | 380kg | 1398 × 490 × 717mm | |
| TRSB3 × 2-9J | | | 9in | | 60HZ | | | |

(Features and Benefits)

1. Alloy cast iron for pump body, longer usage life.
2. Precision casting technology immensely reduce the incidence of defects.
3. Mechanical seal and Asbestos seal.
4. Imported SKF bearing and FKM oil seal.
5. Can be replaceable with Mission pump.
6. Pump body is precision casting.

Submersible Slurry Pump

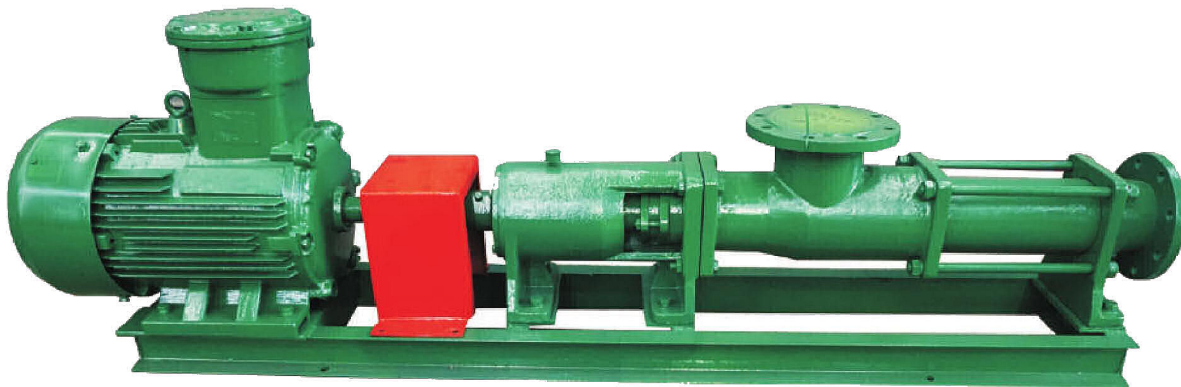


| Model | Flow | Lift | Speed | Motor |
|--------------|----------------------|-------|-----------|--------|
| 50YZ25-12 | 25m ³ /h | 12m | 1430r/min | 3kw |
| 50YZ20-18 | 20m ³ /h | 18m | 1430r/min | 4kw |
| 80YZ50-20B | 40m ³ /h | 16m | 1440r/min | 5.5kw |
| 80YZ50-20 | 60m ³ /h | 17.5m | 1440r/min | 7.5kw |
| 80YZ80-20 | 90m ³ /h | 22m | 1460r/min | 11kw |
| 100YZ100-30A | 75m ³ /h | 30m | 1470r/min | 18.5kw |
| 100YZ100-30 | 60m ³ /h | 36m | 1470r/min | 22kw |
| 100YZ160-38B | 82m ³ /h | 33m | 1480r/min | 30kw |
| 100YZ120-60 | 120m ³ /h | 40m | 1480r/min | 45kw |
| 150YZ250-40A | 135m ³ /h | 35m | 1480r/min | 55kw |
| 150YZ250-40B | 120m ³ /h | 28m | 1480r/min | 37kw |

(Features and Benefits)

TRYZ series submersible slurry pump mainly supply mud for shale shaker and decanter centrifuge from the mud pit. The structure is single sucking cantilever type. It uses bearing seat, supporting seat and pipe to connect the hydraulic parts of pump, and liquid is discharged from the hydraulic hose assembly. Pump's impeller is semi-open type, and it's equipped with mixing bladed in the stretch part of impeller inlet. The main features of our submersible slurry pump are to have enough rigidity in submerged parts of the shaft, and don't set bearing and shaft seals between the impeller and pump case, and could convey the medium containing solid particles with larger density. The standard length of pump inserting liquid is 1.3 meter, and can be equipped with a suction pipe if required. We operate shaft seals by inserting the pump into liquid. The transmission works by vertical motor mounted on the bearing base, connected by coupling and the pump.

Screw Pump



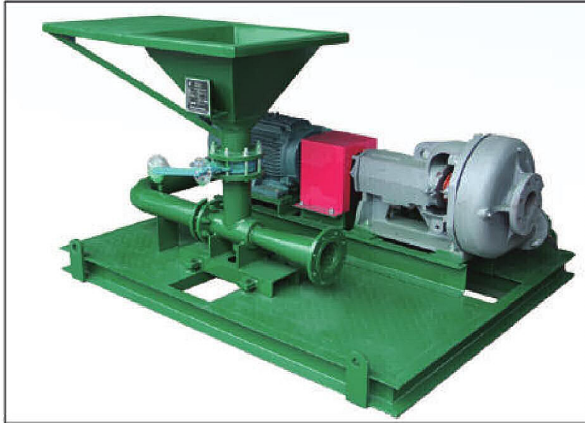
| Model | Flow rate | Pressure | Power | Inlet (inch) | Outlet (inch) | Ex Standard | Weight | Dimension |
|------------|---------------------|----------|-------|--------------|---------------|------------------------------|--------|--------------------|
| TRG10A-040 | 10m ³ /h | 0.3Mpa | 4kw | 3 | 3 | ExdIIbt4/ IECEX/ A-TEX | 245kg | 2245 × 320 × 550mm |
| TRG20A-055 | 20m ³ /h | | 5.5kw | 3 | 3 | | 323kg | 2450 × 340 × 562mm |
| TRG30A-075 | 30m ³ /h | | 7.5kw | 4 | 4 | | 386kg | 2761 × 370 × 600mm |
| TRG40A-110 | 40m ³ /h | | 11kw | 5 | 5 | | 454kg | 3270 × 370 × 665mm |
| TRG50A-110 | 50m ³ /h | | 11kw | 5 | 5 | | 608kg | 3790 × 400 × 782mm |
| TRG60A-150 | 60m ³ /h | | 15kw | 5 | 5 | | 649kg | 3322 × 550 × 740mm |
| TRG70A-220 | 70m ³ /h | | 22kw | 6 | 6 | | 875kg | 3740 × 420 × 785mm |
| TRG80A-220 | 80m ³ /h | | 22kw | 6 | 6 | | 875kg | 3740 × 420 × 785mm |
| TRG90A-220 | 90m ³ /h | | 22kw | 6 | 6 | | 875kg | 3740 × 420 × 785mm |

(Features and Benefits)

1. Screw pump is an ideal pump for feeding to decanter centrifuge. The main parts are screw shaft(rotor) and screw shaft bushing(stator). Because of special geometry shape of these two parts, the pump forms pressurize capacity separately, and the waste fluids flow along with the shaft. Slow inner flow speed, remaining capacity and steady pressure make it won't generate vortex and agitating. Usually shaft of screw pump is made from stainless steel. TR screw pump is available for complete stainless steel body.

2. It can drive by coupler, or adjust the speed by using variable speed motor, triangle V-belt and gear box etc. TR series screw pump is with less accessories, compact structure, small volume and easy maintenance. Rotor and stator are vulnerable parts of this pump, and they are easy to replace. Stator is made of synthetic rubber material, it has particular advantages than other pumps to transfer the fluids with high viscosity and hard suspended particles.

Jet Mud Mixer



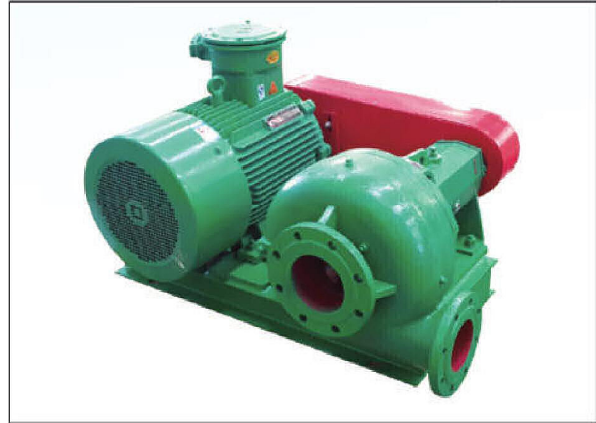
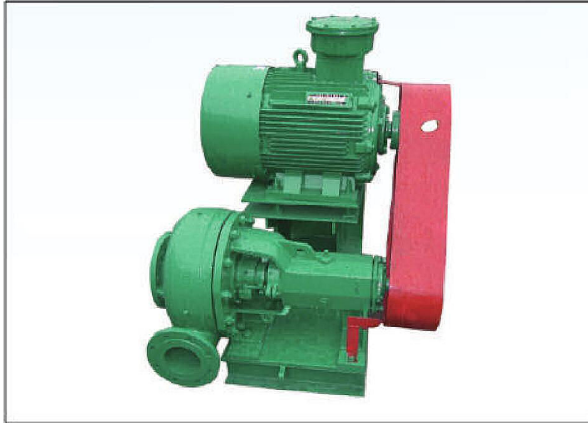
| Model | TRSLH150-50 | TRSLH150-40 | TRSLH150-30 | TRSLH100 |
|------------------|----------------------|----------------------|----------------------|----------------------|
| Capacity | 240m ³ /h | 180m ³ /h | 120m ³ /h | 60m ³ /h |
| Matching Pump | TRSB8 × 6-13J | TRSB6 × 5-13J | TRSB5 × 4-14J | TRSB4 × 3-11J |
| Motor Power | 55kw | 45kw | 37kw | 11kw |
| Work Pressure | 0.25 ~ 0.4Mpa | 0.25 ~ 0.4Mpa | 0.25 ~ 0.4Mpa | 0.25 ~ 0.4Mpa |
| Inlet Diameter | 150mm | 150mm | 150mm | 100mm |
| Nozzle Diameter | 50mm | 40mm | 30mm | 25mm |
| Hopper Dimension | 750 × 750mm | 750 × 750mm | 600 × 600mm | 500 × 500mm |
| Burden Speed | ≤100kg/min | ≤80kg/min | ≤60kg/min | ≤40kg/min |
| Weight | 1600kg | 1450kg | 1300kg | 1100kg |
| Dimensions | 2200 × 1700 × 1200mm | 2200 × 1700 × 1200mm | 2000 × 1650 × 1100mm | 2000 × 1650 × 1100mm |

Hopper



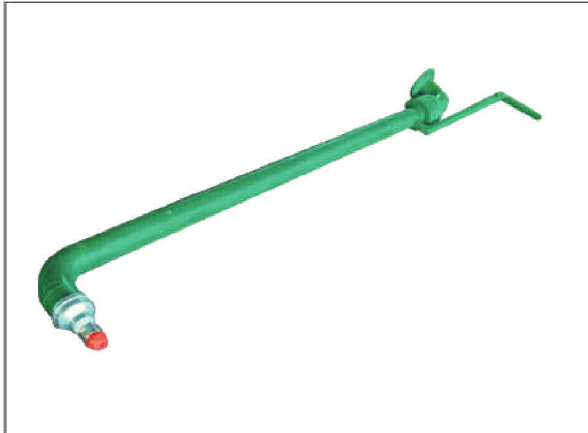
| Model | Work Pressure | Inlet Size | Hopper Diameter | Weight |
|------------|---------------|------------|-----------------|--------|
| TRSL150-50 | 0.2 ~ 0.4mpa | Dn150 | 750 × 750mm | 170kg |
| TRSL150-40 | | DN150 | 750 × 750mm | 170kg |
| TRSL150-30 | | DN150 | 600 × 600mm | 165kg |
| TRSL100 | | DN100 | 500 × 500mm | 140kg |

Shear Pump



| Model | Flow | Lift | Motor | Weight | Dimension |
|-----------|----------------------|------|-------|--------|----------------------|
| TRJQB6545 | 150m ³ /h | 45m | 55kw | 980kg | 1050 × 1000 × 1360mm |
| TRJQB6535 | 100m ³ /h | 35m | 37kw | 800kg | 1050 × 1000 × 1230mm |

Mud Gun



| Model | TRNJQ50-3 | TRNJQ50-3X | TRNJQ80-3 | TRNJQ80-3X |
|----------------|-----------|------------|-----------|------------|
| Diameter | 50mm | 50mm | 80mm | 80mm |
| Work Pressure | ≤6.4Mpa | ≤3.2Mpa | ≤6.4Mpa | ≤3.2Mpa |
| Nozzle Number | 1/3e | | | |
| Rotation Angle | N/A | 360° | N/A | 360° |

Mud Agitator



| Model | Motor Power | Impeller Speed | Impeller Diameter | Impeller Qty | Explosion-proof Standard | Weight | Dimensions |
|-----------|--|----------------|-------------------|--------------|-------------------------------|--------|--------------------|
| TRJBQ3 | 3kw | 60/72r/min | 600mm | 1 | ExdIIBt4 / IECEX/ A-TEX | 190kg | 909 × 525 × 527mm |
| TRJBQ5.5 | 5.5kw | | 600mm | 1 | | 250kg | 1072 × 610 × 588mm |
| TRJBQ7.5 | 7.5kw | | 650mm | 2 | | 380kg | 1157 × 670 × 607mm |
| TRJBQ11 | 11kw | | 800mm | 2 | | 430kg | 1297 × 740 × 692mm |
| TRJBQ15 | 15kw | | 950mm | 2 | | 480kg | 1330 × 890 × 747mm |
| TRJBQ18.5 | 18.5kw | | 1000mm | 2 | | 740kg | 1510 × 890 × 753mm |
| TRJBQ22 | 22kw | | 1100mm | 2 | | 780kg | 1529 × 890 × 753mm |
| Remarks | Above weight and dimension did not include the mud agitator shaft. | | | | | | |

(Features and Benefits)

- 1 Product structure optimization, small size, compact structure.
- 2 Running smoothly, small operating noise, long service life, less wearing parts, cost-effective.
- 3 Using high-pressure airless spraying equipment construction, after priming, paint, paint and other processes to achieve beautiful appearance and antiseptic effect
- 4 Agitator shaft and impeller treated through polishing, pickling, plating, hot dip galvanized, passivation, fine grinding processing, greatly improving the service life and antiseptic effect.

Mud Gas Separator



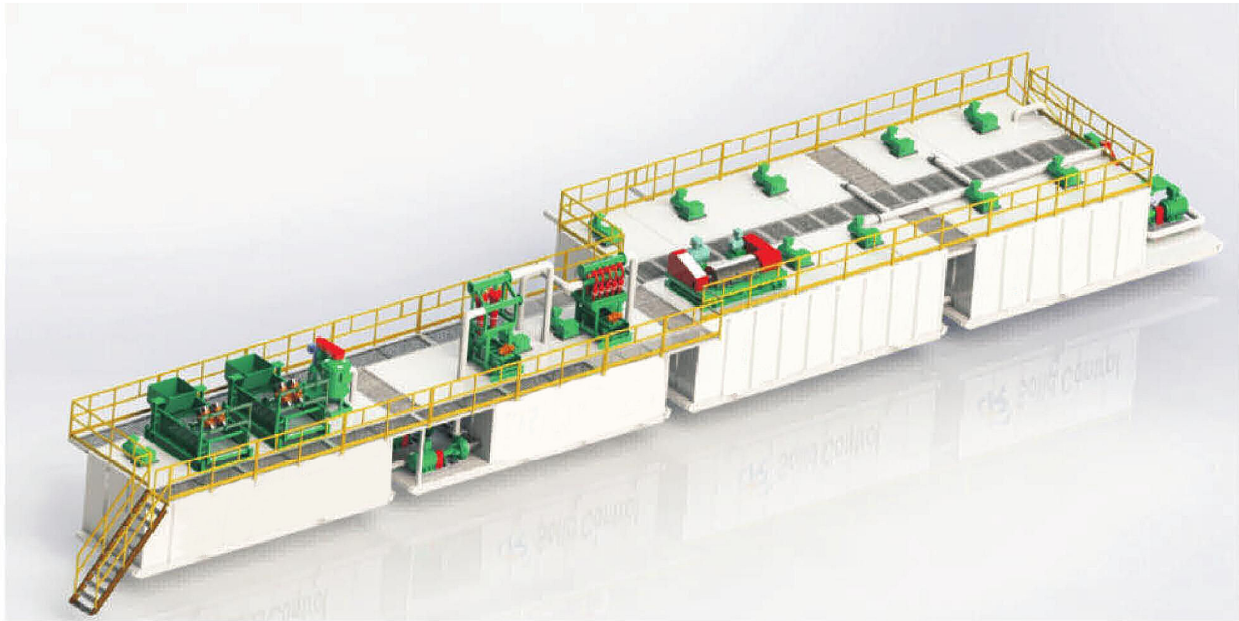
| Model | TRZYQ800 | TRZYQ1000 | TRZYQ1200 |
|--------------------|----------------------|----------------------|----------------------|
| Capacity | 180m ³ /h | 240m ³ /h | 320m ³ /h |
| Main body Diameter | 800mm | 1000mm | 1200mm |
| Inlet Pipe | DN100mm | DN125mm | DN125mm |
| Output Pipe | DN150mm | DN200mm | DN250mm |
| Gas Discharge pipe | DN200mm | DN200mm | DN200mm |
| Weight | 1750kg | 2235kg | 2600kg |
| Dimensions | 1900 × 1900 × 5700mm | 2000 × 2000 × 5860mm | 2200 × 2200 × 6634mm |

Flare Ignition Device



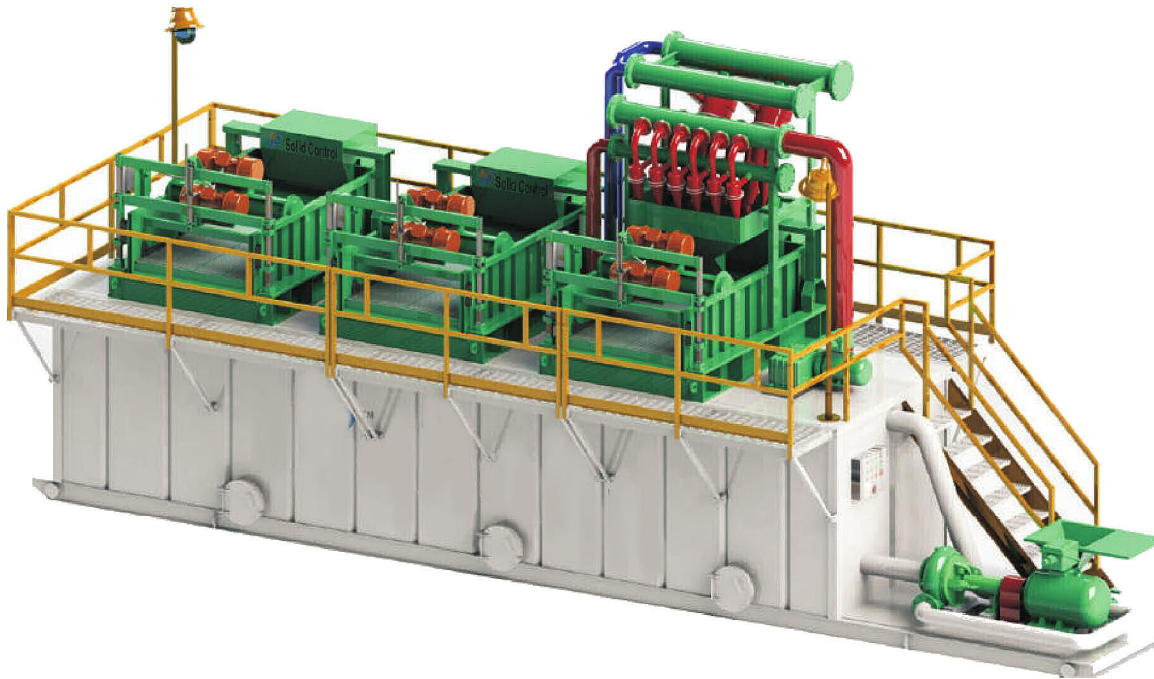
| Model | TRYPD-20/3 | TRYPD-20/3T |
|-----------------------|---------------------|---------------------|
| Diameter of Main Body | DN200 | |
| Charging Voltage | 12V / 220V | |
| Ignition Media | (Natural gas/LPG) | |
| Ignition Voltage | 16kv | 16kv |
| Charge Mode | (AC) | (Solar and AC) |
| Weight | 520kg | 590kg |
| Dimensions | 1610 × 650 × 3000mm | 1610 × 650 × 3000mm |

Oil & Gas Drilling System



| | ZJ70 | ZJ50 | ZJ40 | ZJ30 | ZJ20 | ZJ10 |
|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|
| Mud Tank | ≥ 270m ³ /h | ≥ 200m ³ /h | ≥ 180m ³ /h | ≥ 160m ³ /h | ≥ 160m ³ /h | ≥ 80m ³ /h |
| Storing Tank | ≥ 160m ³ /h | ≥ 120m ³ /h | ≥ 80m ³ /h | ≥ 80m ³ /h | × | × |
| Shale Shaker | ≥ 360m ³ /h | ≥ 280m ³ /h | ≥ 240m ³ /h | ≥ 180m ³ /h | ≥ 140m ³ /h | ≥ 80m ³ /h |
| Vacuum Degasser | ≥ 360m ³ /h | ≥ 300m ³ /h | ≥ 240m ³ /h | √ | √ | × |
| Desander | ≥ 320m ³ /h | ≥ 240m ³ /h | ≥ 200m ³ /h | ≥ 180m ³ /h | ≥ 120m ³ /h | √ |
| Desilter | ≥ 320m ³ /h | ≥ 240m ³ /h | ≥ 200m ³ /h | √ | × | × |
| Middle Speed Centrifuge | ≥ 50m ³ /h | ≥ 50m ³ /h | ≥ 40m ³ /h | √ | √ | × |
| High Speed Centrifuge | ≥ 40m ³ /h | ≥ 40m ³ /h | √ | × | × | × |
| Jet Mud Mixer | ≥ 300m ³ /h | ≥ 240m ³ /h | ≥ 200m ³ /h | ≥ 180m ³ /h | ≥ 120m ³ /h | ≥ 80m ³ /h |
| Shear Pump | ≥ 120m ³ /h | ≥ 120m ³ /h | ≥ 120m ³ /h | ≥ 120m ³ /h | ≥ 100m ³ /h | × |
| Charging Pump | ≥ 240m ³ /h | ≥ 200m ³ /h | ≥ 180m ³ /h | ≥ 150m ³ /h | ≥ 100m ³ /h | × |

HDD & Trenchless System



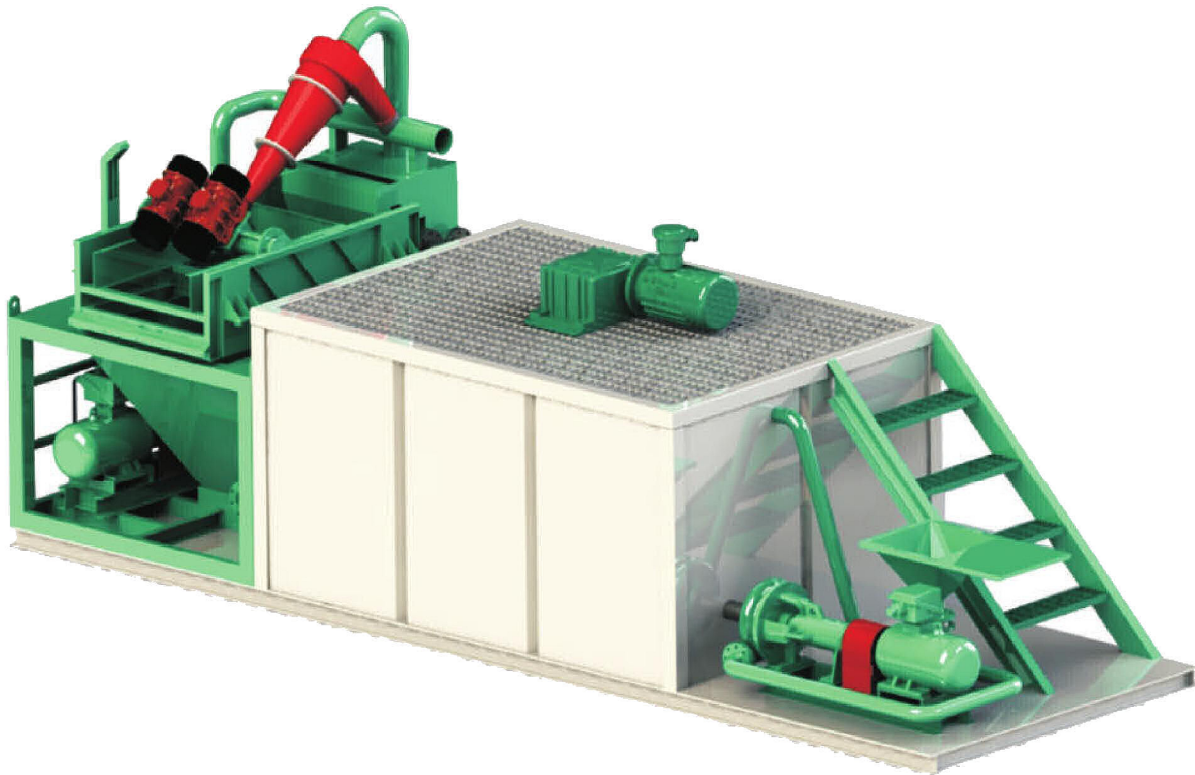
| | | |
|------------------------------|-------------------------------|--------------------------------|
| TRHDD-200 | TRHDD-500 | TRHDD-1000 |
| 200GPM (50m ³ /h) | 500GPM (120m ³ /h) | 1000GPM (240m ³ /h) |
| TRZS752S | TRZS703/TRZS585 | TRZS703/TRZS585 |
| 0.875m ² | 2.7m ² | 2X2.7m ² |
| 1.35m ² | TRQJ250X1S-100X8N | TRQJ250X2S-100X12N |
| 4" | 10" x 1pcs | 10" x 2pc |
| 4 | 4" x 8pcs | 4" x 12pcs |
| TRSB4X3-12J | 1.35m ² | 2.12m ² |
| TRSB4X3-11J | TRSB6X5-11J 2台 | TRSB8X6-11J 2台 |
| TRSLH100 | TRSB6X5-12J | TRSB8X6-12J |
| 44kW | TRSLH150-35 (37KW) | TRSLH150-35 (45KW) |
| 5m ³ | TRJBQ7.5 | TRJBQ7.5 |
| 4000 x 2360 x 2940mm | 130kW | 184kW |
| 5500kg | 15m ³ | 30m ³ |
| | 10000 x 2360 x 4228mm | 12100 x 2630 x 4438mm |
| | 17000kg | 20000kg |

Tunnel Boring System



| | |
|--------------------------|--------------------------------|
| 120m ³ /h | 82.8kw |
| d ₅₀ =0.074mm | 30% |
| TRDGS900 | 2.2kw X 2 |
| TRDG700 | 1.94kw X 2 |
| 120m ³ /h | 37kw |
| 120m ³ /h | 37kw |
| 12 | 2 |
| 4 | 8个 |
| 6.5m×2.5m×7m | 10t |
| 30% | 1.25g/cm ³ (±0.1) |

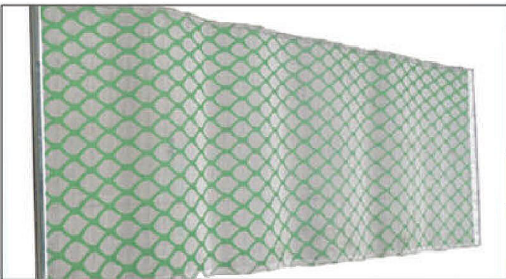
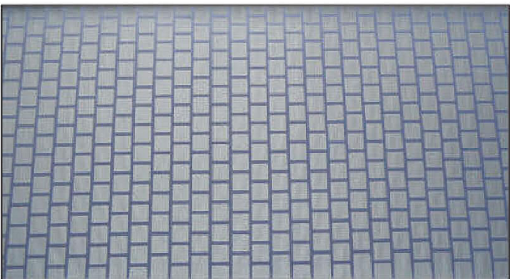
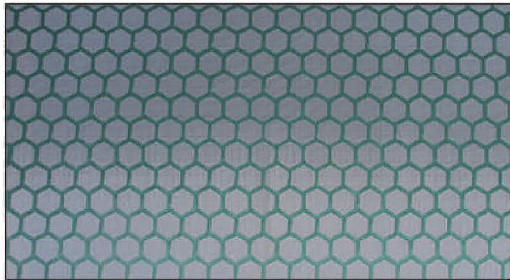
Bored Piling Mud Recycling System



| Model | TRZX-50/25 | TRZX-100/50 | TRZX-200/50 |
|---------------------------|--------------------|--------------------|---------------------|
| Fluid Capacity | ≤50m³/h | ≤100m³/h | ≤200m³/h |
| Sludge treatment capacity | ≤26T/h≤50m³/h | ≤50m³/h | ≤50m³/h |
| Separation Point | 25 μ m | 50 μ m | 50 μ m |
| Shale Shaker | TRZS753 | TRZS753 | TRZS705 |
| Screen Area | 700 × 1250 | 700 × 1250 | 750 × 900 × 2 |
| | 750 × 900 × 2 | 750 × 900 × 2 | 700 × 1250 × 3 |
| Vibration Motor | 1.0kw × 2 | 1.0kw × 2 | 1.5kw × 2 |
| Matching Pump | TRSB4 × 3-12(15kw) | TRSB5 × 4-13(30kw) | TRSB6 × 5-13J(45kw) |
| Cyclones | DN100 × 4 | DN250 × 1 | DN250 × 2 |
| Tanks Dimension | 2300x1830x1300mm | 3100x2030x1300mm | 4000x2200x1300mm |
| System Dimension | 2300x1830x2400mm | 3100x2030x1300mm | 4000x2300x2850mm |

Shaker Screen

| API /API Number | D100 (mm) /D100(microns) | API /API Number | D100 (mm) /D100(microns) |
|-----------------|--------------------------|-----------------|--------------------------|
| API 20 | >780.0 To 925.0 | API 120 | > 116.5.0 To 137.5 |
| API 30 | >550.0 To 655.0 | API 140 | >98.0 To 116.5 |
| API 35 | > 462.5 To 550.0 | API 170 | > 82.5 To 98.0 |
| API 40 | >390.0 To 462.0 | API 200 | > 69.0 To 82.5 |
| API 50 | >275.0 To 390.0 | API 230 | > 58.0 To 69.0 |
| API 60 | >213.0 To 275.0 | API 370 | > 49.0 To 58.0 |
| API 70 | >196.0 To 213.0 | API 325 | > 41.5 To 49.0 |
| API 80 | >165.0 To 196.0 | API 400 | > 35.0 To 41.5 |
| API 100 | >137.5 To 165.0 | | |



Spare Parts



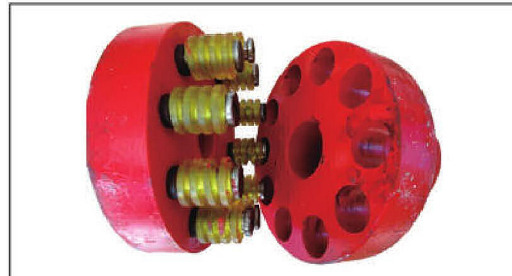
Gear Box



Desander Cyclone



Mechanical Seals



Coupling



Plum Blossom Pad



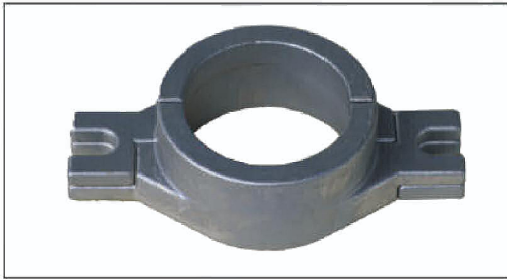
Screen Wedge



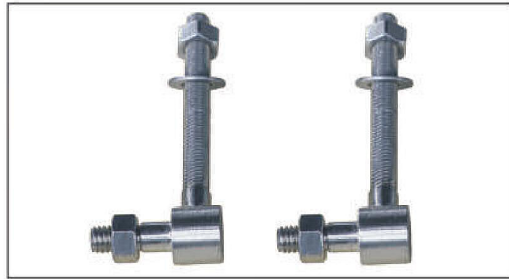
Swaco 4" hydrocyclone



Swaco 12" hydrocyclone



Gland Assy, Packing



(Bolt Assy, Gland)



Shaft



wear-resistant shaft



Stuffing Box, Mech Seal



Housing, O.B.Bearing



Bearing



Oil seal



control cabinet, shale shaker



lock nut, shaker screen



Worm Gear



Worm Wheel



Rubber Spring



Desilter Cyclone



Impeller



Union

Performance

Bored Pile

