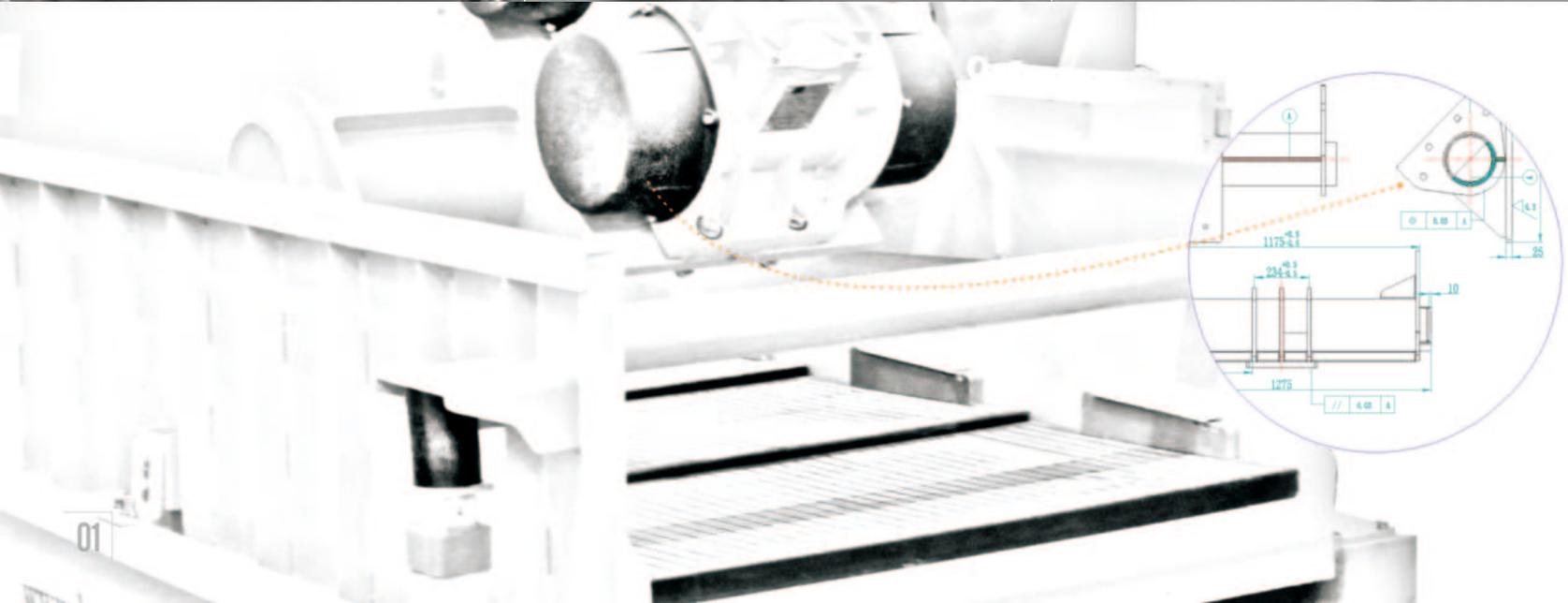






BRIGHTWAY SOLIDS CONTROL CO., LTD



ABOUT US

Xi'an Brightway Energy Machinery Equipment Co., Ltd is a professional equipment manufacturer, which has own intelligent property, engaged in the research, development, production, sale, technical and engineering services of integrated solution for solid-liquid separation. At present, Brightway has six subsidiary companies: Shaanxi Brightway Energy Equipment Manufacturing Co., Ltd., Xi'an Brightway Environmental Engineering Co., Ltd., and Hesheng Brightway Intelligent Equipment Technology (Sichuan) Co., Ltd, Brightway Solids Control America, Brightway Solids Control Russia, Brightway Solids Control India. At present, Brightway solids control equipment have been exported to 65 countries and regions worldwide.

Brightway Three Major Business Sectors:

- Oil & Gas Drilling: provide solids control equipment & system and services for fields such as oil & gas drilling, shale gas drilling, coalbed methane and geothermal drilling.
- Urban Construction: focusing on the separation plant, desanding plant and services for subway shield tunneling construction, comprehensive pipe gallery construction, and trenchless horizontal directional crossing.
- Environmental waste treatment: equipment manufacturing and services for the reduction, resource utilization, and harmless treatment of waste generated in fields such as oil gas drilling, urban construction, river dredging, and soil remediation. (Integrated solution from primary treatment to standard emission treatment).

西安正道能源机械设备有限公司是一家具有独立自主知识产权，集研发、制造、销售、技术服务和工程服务于一体的固液分离一体化解决方案装备制造和服务商。目前旗下共有六家分子公司：分别为陕西正道能源装备制造有限公司，西安正道环境工程有限公司，合盛正道智能装备科技（四川）有限公司，BRIGHTWAY SOLIDS CONTROL AMERICA, BRIGHTWAY SOLIDS CONTROL RUSSIC, BRIGHTWAY SOLIDS CONTROL INDIA. 截止目前产品出口全球65个国家和地区。

主要业务分为三个板块：

- 能源勘探：围绕石油、天然气、页岩气、页岩油、煤层气、地热钻井等领域提供泥浆固控装备及服务。
- 城市建设：围绕地铁盾构施工、城市综合管廊建设施工、非开挖水平定向穿越等领域提供泥水分离装备及服务。
- 环保废弃物处理：围绕能源勘探和城市建设两大板块各领域及河道清淤、土壤修复等产生的废弃物进行减量化、资源化、无害化处理技术的装备制造及服务（从初级处理到达标排放处理一体化解决方案）。



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Part 1

SOLIDS CONTROL EQUIPMENT



BWZSQ324
LINEAR SHALE SHAKER

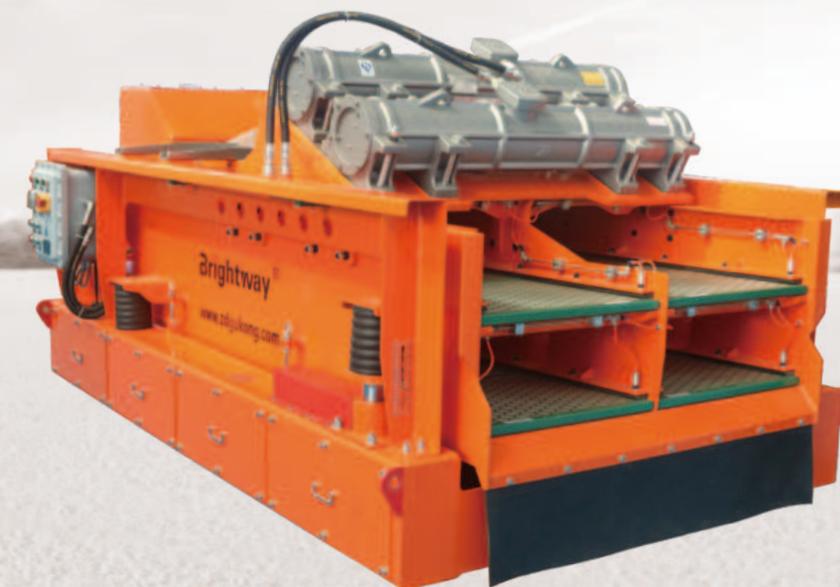
Model/产品型号	BWZSQ324
Capacity/处理量	180m ³ /h
Rated Motor Power/电机功率	2×3.5kw
Output Force/激振力	≤8.0Gs
Operating Temperature/环境温度	30°C (86°F)
Design Range/设计范围	-55-60°C (-67-140°F)
Noise Data/噪音	75-85 dBA

Approvals/认证	IEC/UL/ATEX/CE
Power/电制	200V-600V 50Hz-60Hz
D-Adjustment/筛箱角度	-2-5°
Screen Qty/筛网数量	24
Flitering Area/筛网面积	9.86 m ²
Weighte/重量	2830kg
Dimension/mm/外形尺寸	3024×1982×1620mm

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BWZSQ216
LINEAR SHALE SHAKER

Model/产品型号	BWZSQ216
Capacity/处理量	180m ³ /h
Rated Motor Power/电机功率	2×3.5kw
Output Force/激振力	≤8.5Gs
Flitering Area/筛网面积	6.6 m ²
Operating Temperature/环境温度	30°C (86°F)
Design Range/设计范围	-55-60°C (-67-140°F)
Noise Data/噪音	75-85 dBA
Approvals/认证	IEC/UL/ATEX/CE
Power/电制	200V-600V 50Hz-60Hz
D-Adjustment/筛箱角度	-2-5°
Screen Qty/筛网数量	16
Weighte/重量	2570kg
Dimension/mm/外形尺寸	3024×1982×1490mm



SOLIDS CONTROL EQUIPMENT

SYSTEM

CASES

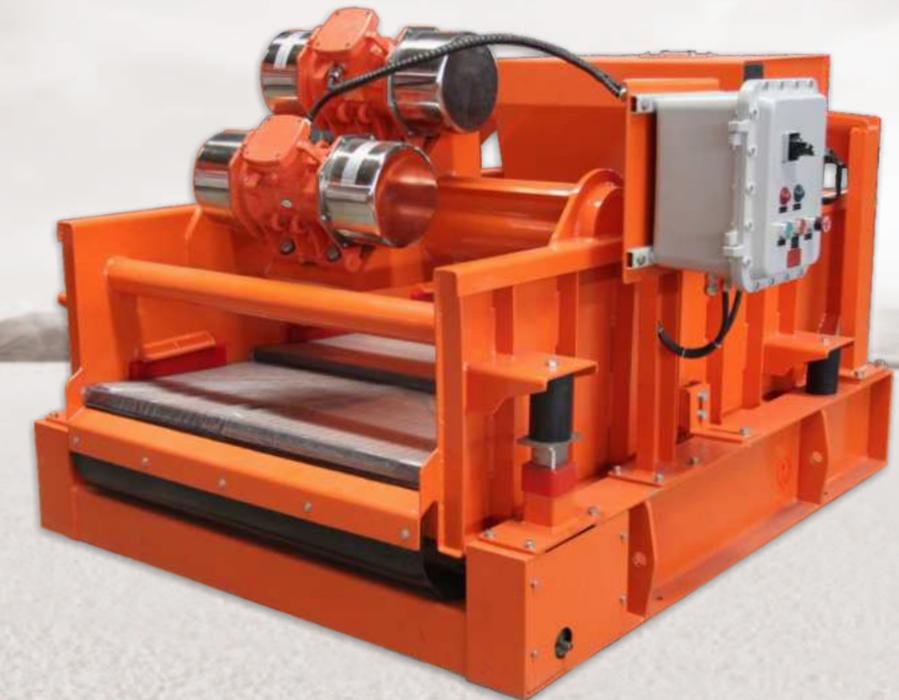


BWZS104
LINEAR SHALE SHAKER

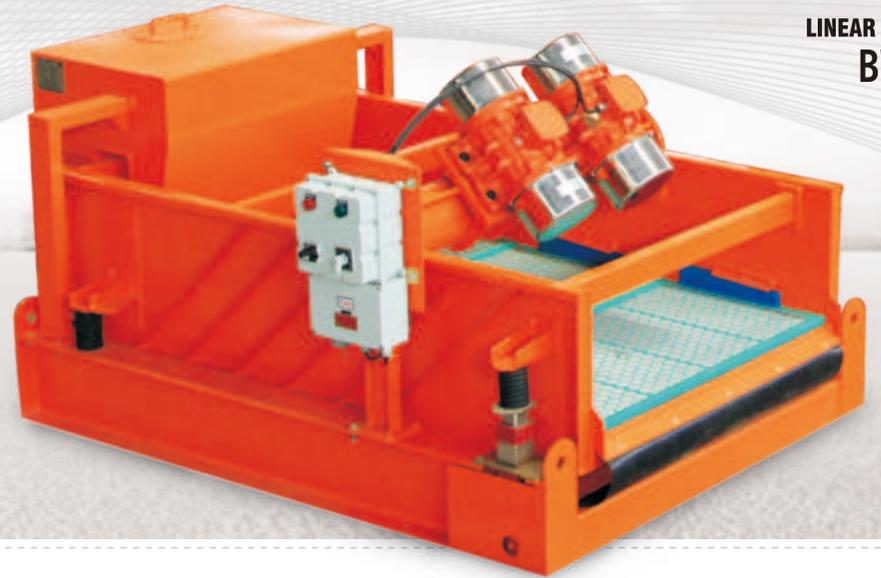
Capacity/处理量	150m³/h (660GPM)
Rated Motors Output/电机功率	1.72KW(2.3hp)×2
Output Force/激振力	≤8.5Gs
Flitering Area/筛网面积	2.73m²(30ft²)
Operating Temperature/环境温度	30℃(86°F)
Design Range/设计范围	-55-60℃ (-67-140°F)
Noise Data/ 噪音	75-85 dBA

Approvals/ 认证	IEC/UL/ATEX/CE
Deck Adjustment/筛箱调节角度	-1~5°
Power/ 电制	220V-600V 50Hz-60Hz
Screen Qty/ 筛网数量	4pcs
Weight/重量	1480Kg
Dimension/外形尺寸	2950×1690×1420mm
Remark/备注	Mud Density: 1.2g/cm³ Mud Viscosity: 45s Screen: 40 mesh

Capacity/处理量	120m³/h (528GPM)
Rated Motors Output/电机功率	1.5KW (2.0hp) ×2
Output Force/激振力	≤8.0Gs
Flitering Area/筛网面积	2.1m² (22.6ft²)
Operating Temperature/环境温度	30℃ (86°F)
Design Range/设计范围	-55-60℃ (-67-140°F)
Noise Data/噪音	75-85 dBA
Approvals/认证	IEC/UL/ATEX/CE
Deck Adjustment/筛箱调节角度	-1~5°
Power/电制	220V-600V 50Hz-60Hz
Screen Qty/筛网数量	3pcs
Weight/重量	1320Kg
Dimension/外形尺寸	2370 × 1690 × 1420mm
Remark/备注	Mud Density: 1.2g/cm³ Mud Viscosity: 45s Screen: 40 mesh



BWZS103
LINEAR SHALE SHAKER



**LINEAR SHAKE SHAKER
BWZS70-3P**

Capacity/处理量
120m³/h (528GPM)

Rated Motors Output/电机功率
1.72KW(2.3hp) x2

Output Force/激振力
≤7.5Gs

Flitering Area/筛网面积
2.63m²(28.3ft²)

Operating Temperature/环境温度
-30°C (86°F)

Design Range/设计范围
-55-60°C (-67-140°F)

Noise Data/噪音
75-85 dBA

Approvals/认证
IEC/UL/ATEX/CE

Deck Adjustment/筛箱调节角度
-1~5°

Power/电制
220V-600V 50Hz-60Hz

Screen Qty/筛网数量
3pcs

Weight/重量
1390Kg

Dimension/外形尺寸
2403 x 1884 x 1448mm

Remark/备注
Mud Density: 1.2g/cm³
Mud Viscosity: 45s
Screen: 40 mesh



**BWZS85-2P/ZS75-2P
LINEAR SHAKE SHAKER**

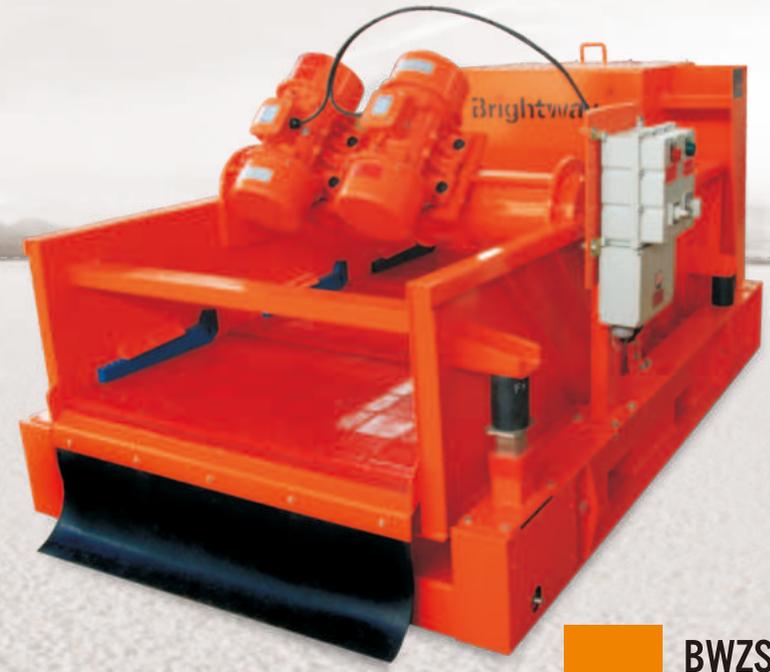
Model/产品型号	BWZS85-2P	BWZS75-2P
Capacity/处理量	80m³/h(352GPM)	45m³/h (198GPM)
Rated Motor Power/电机功率	1.0KW(1.35hp) x2	0.45KW (0.6hp)x2
Output Force/激振力	≤7.5Gs	≤7.5Gs
Flitering Area/筛网面积	2.1m²(22.6ft²)	1.35m² (15ft²)
Operating Temperature/环境温度	30°C (86°F)	30°C (86°F)
Design Range/设计范围	-55-60°C (-67-140°F)	-55-60°C (-67-140°F)
Noise Data/噪音	75-85 dBA	75-85 dBA
Approvals/认证	IEC/UL/ATEX/CE	IEC/UL/ATEX/CE
Power/电制	220v-600v 50Hz-60Hz	220v-600v 50Hz-60Hz
Deck Adjustment/筛箱调节角度	-1-3°	N/A°
Screen Qty/筛网数量	2pcs	2pcs
Weight/重量	1200KG	780Kg
Dimension/mm/外形尺寸	1975x1884x1448mm	1970x1326x996mm
Remark/备注	Mud Density: 1.2g/cm³ Mud Viscosity: 45s Screen: 40 mesh	Mud Density: 1.2g/cm³ Mud Viscosity: 45s Screen: 40 mesh



SOLIDS CONTROL EQUIPMENT

SYSTEM

CASES



BWZS103K
LINEAR SHALE SHAKER

Capacity/处理量	120m ³ /h (528GPM)
Rated Motors Output/电机功率	1.5KW(2.0hp) ×2
Output Force/激振力	≤7.5Gs
Flitering Area/筛网面积	2.63m ² (28.3ft ²)
Operating Temperature/环境温度	30°C (86°F)
Design Range/设计范围	-55-60°C (-67-140° F)
Noise Data/噪音	75-85 dBA
Approvals/认证	IEC/UL/ATEX/CE
Deck Angle/筛箱角度	-1~5°
Power/电制	220V-600V 50Hz-60Hz
Screen Qty/筛网数量	3pcs (Polyurethane material / 缝隙式聚氨酯筛网)
Weight/重量	1390Kg
Dimension/外形尺寸	2403 × 1884 × 1448mm
Remark/备注	Mud Density: 1.2g/cm ³ Mud Viscosity: 45s Screen: 40 mesh



BWZS102D/BWZS103D
LINEAR SHALE SHAKER

Capacity / 处理量	60-150m ³ /h (264-660GPM)	150-300m ³ /h(660-1320GPM)
Rated Motor Power / 电机功率	0.75KW (1hp) ×2	1.94KW (2.6hp) ×2
Output Force / 激振力	≤7.5Gs	≤7.5Gs
Flitering Area / 筛网面积	1.35m ² (15ft ²)	2.2m ² (24.5ft ²)
Operating Temperature / 环境温度	30°C (86°F)	30°C (86°F)
Design Range / 设计范围	-55-60°C (-67-140°F)	-55-60°C (-67-140°F)
Noise Data / 噪音	75-85 dBA	75-85 dBA
APPROVALS / 认证	IEC/UL/ATEX/CE	IEC/UL/ATEX/CE
Power / 电制	200V-600V 50Hz-60Hz	200V-600V 50Hz-60Hz
D-Adjustment / 筛箱角度	5°	10°
Screen Qty / 筛网数量	2PCS	3PCS
Weight / 重量	760kg	1600kg
Dimension/mm / 外形尺寸	1650 × 1430 × 1040mm	2027 × 1685 × 1611mm
Remark / 备注	Mud Density:1.2g/cm ³ Mud Viscosity:45s Screen:40mesh	Mud Density:1.2g/cm ³ Mud Viscosity:45s Screen:40mesh





BWZS104G
DRYING SHAKER

Capacity/处理量	150m ³ /h (660GPM)	Approvals/认证	IEC/UL/ATEX/CE
Rated Motors Output/电机功率	1.72KW(2.3hp)×2	Deck Adjustment/筛箱调节角度	-1~5°
Output Force/激振力	≤8.5Gs	Power/电制	220V-600V 50Hz-60Hz
Flitering Area/筛网面积	2.73m ² (30ft ²)	Screen Qty/筛网数量	4pcs
Operating Temperature/环境温度	30°C (86°F)	Weight/重量	2000Kg
Design Range/设计范围	-55-60°C (-67-140°F)	Dimension/外形尺寸	2890×2715×1900mm
Noise Data/噪音	75-85 dBA	Remark/备注	Mud Density: 1.2g/cm ³ Mud Viscosity: 45s Screen: 40 mesh



VACUUM DEGASSER
真空除气器

Model/产品型号	BVZCQ240 / 270 / 300 / 360
Main diameter/主体罐直径	700 / 800 / 900 / 1000 mm
Capacity/处理量	≤ 240 / 270 / 300 / 360 m ³ / h
Vacuum/真空度	0.030~0.050Mpa / 0.040~0.065Mpa
Ratio/传比真空度	1.68 / 1.72
Efficiency/除气效率	≥95%
Motor Power/主电机功率	15 / 22 / 30 / 37 KW
Vacuum Power/真空泵功率	2.2 / 3 / 7.5 / 7.5 KW
Rotary Speed/轮转速	870 / 880 RPM
Dimension/外形尺寸	1820x1025x1500 / 2000x1000x1670 / 2400x1500x1850 / 2400x1500x1850 mm
Weight/重量	1000 / 1350 / 1800 / 1800 Kg



**MUD CLEANER
BWZJ1032S12N**

- 1 Capacity/处理量 240 m³ /h (1056GPM)
- 2 Matching Shaker/底流筛型号 BWZS103
- 3 Shaker Motor/底流筛电机 2 × 1.5KW (2.0hp)
- 4 Screen Area/筛网面积 2.1m²
- 5 Screen/筛网数量 3 Pcs
- 6 D-SANDER hydrocyclones/除砂旋流器 2 × 10" (250mm)
- 7 D-SILTER hydrocyclones/除泥旋流器 12 × 4" (100mm)
- 8 Matching Pump/匹配砂泵 55KW / 73hp
- 9 Weight/重量 1980 kg
- 10 Dimension/外形尺寸 2030 × 1965 × 2240mm
- 11 Screen Mesh/筛网目数 API, 120 / 150 / 175 Microns
- 12 Remark/备注 10"D-SANDER hydrocyclone: 90~120m³/h(396~528GPM),
4"D-SILTER hydrocyclone: 15~20m³/h(66~88GPM),



MUD CLEANER
/泥浆清洁器

Capacity/处理量
120 / 240 / 360 m³/h (528 / 1056 / 1584 GPM)

Matching Shaker/底流筛型号
BWZS103 / 104 / 85-2P / 70-3P

Shaker Motor/底流筛电机
2 × 1.0KW (1.35hp) / 2 × 1.5KW (2hp)
/ 2 × 1.72KW (2.3hp)

Screen Area/筛网面积
2.1 / 2.63 / 2.73 m²

Screen/筛网数量
2 / 3 / 4 Pcs

D-SANDER hydrocyclones/除砂旋流器
1 × 10" (250mm) / 2 × 10" (250mm)
/ 3 × 10" (250mm)

D-SILTER hydrocyclones/除泥旋流器
8 × 4" (100mm) / 12 × 4" (100mm)
/ 16 × 4" (100mm)

Matching Pump/匹配砂泵
37KW (50hp) / 55KW (73hp) / 75KW (100hp)

Weight/重量
1580-2350 kg

Dimension/外形尺寸
1975 × 1884 × 1585mm
/ 2403 × 1884 × 2195mm
/ 2030 × 1965 × 2240mm
/ 2600 × 1945 × 2240mm

Screen Mesh/筛网目数
API, 120 / 150 / 175 Microns

Remark/备注
* The mud cleaner configuration is according to customer requirement.
* 可根据客户的需求确定产品配置



DESANDER
除砂器

Screen/ 筛网规格	0.7m ² (585 × 1165mm) / 1.0m ² (600 × 1600mm)
Capacity/ 处理量	≤240m ³ /h (1056GPM)
10" D-SANDER hydrocyclone/10寸旋流器	90-120m ³ /h (396/528GPM)
D-SANDER hydrocyclone Qty/旋流器数量	1~2 pcs, according to the flow capacity
Motor Power/ 电机功率	2 × 0.40KW / 1 × 0.4KW (0.53hp)

Working Pressure/工作压力	0.21~0.4Mpa
Matching Pump/ 匹配砂泵	30-55KW (40-73hp)
Inlet Size/ 进液管	75mm-150mm
Outlet Size/ 排液管	125mm-200mm
Separation Size/ 分离效果	47-76 μ m



Screen area/ 筛网规格	0.7m ² (585 × 1165mm) / 1.0m ² (600 × 1600mm)
Capacity/ 处理量	≤240m ³ /h (1056GPM)
4" D-SILTER hydrocyclone/4寸旋流器	15~20m ³ /h (66-88GPM)
D-SILTER hydrocyclone Qty/ 旋流器数量	8~12 pcs, according to the flow capacity
Main Drive/电机功率	2 × 0.40KW (0.53hp) / 1 × 0.4KW (0.53hp)
Matching Pump/ 匹配砂泵	30-55KW (40-73hp)
Inlet Size/ 进液管	75mm-150mm
Outlet Size/ 排液管	125mm-200mm
Separation Size/ 分离效果	15-47 μ m



DESILTER
除泥器

**DECANTER CENTRIFUGE
BWLW365G/VFD**



**DECANTER CENTRIFUGE
SERIES /离心机系列**

- 1 Bowl Diameter/转鼓直径 355 / 450 mm
- 2 Bowl Length/转鼓长度 842 / 1000 / 1250 mm
- 3 Bowl Speed (Fixed)/最大转速 1800 / 2200 / 3200 rpm
- 4 G-Force/分离因素 815 / 1220 / 2035
- 5 Separation Point/分离粒径 2-7 μ m
- 6 Main Drive/电机功率 22KW-4p / 30KW-4p
- 7 Back Drive/辅电机功率 5.5KW-4p / 7.5KW-4p
- 8 Max Capacity/最大处理量 40-60 m³/h
- 9 Weight/重量 2950kg / 3150kg
- 10 Dimension/外形尺寸 2380x1560x1350mm / 2540x1560x1350mm / 2810x1490x1350mm

Bowl Diameter/ 转鼓直径
365mm

Bowl Length/转鼓长度
1250mm

Bowl Speed (Varied)/转速可调
0-3200rpm

G-Force/分离因素
2500

Separation Point/分离粒径
2-5 μ m

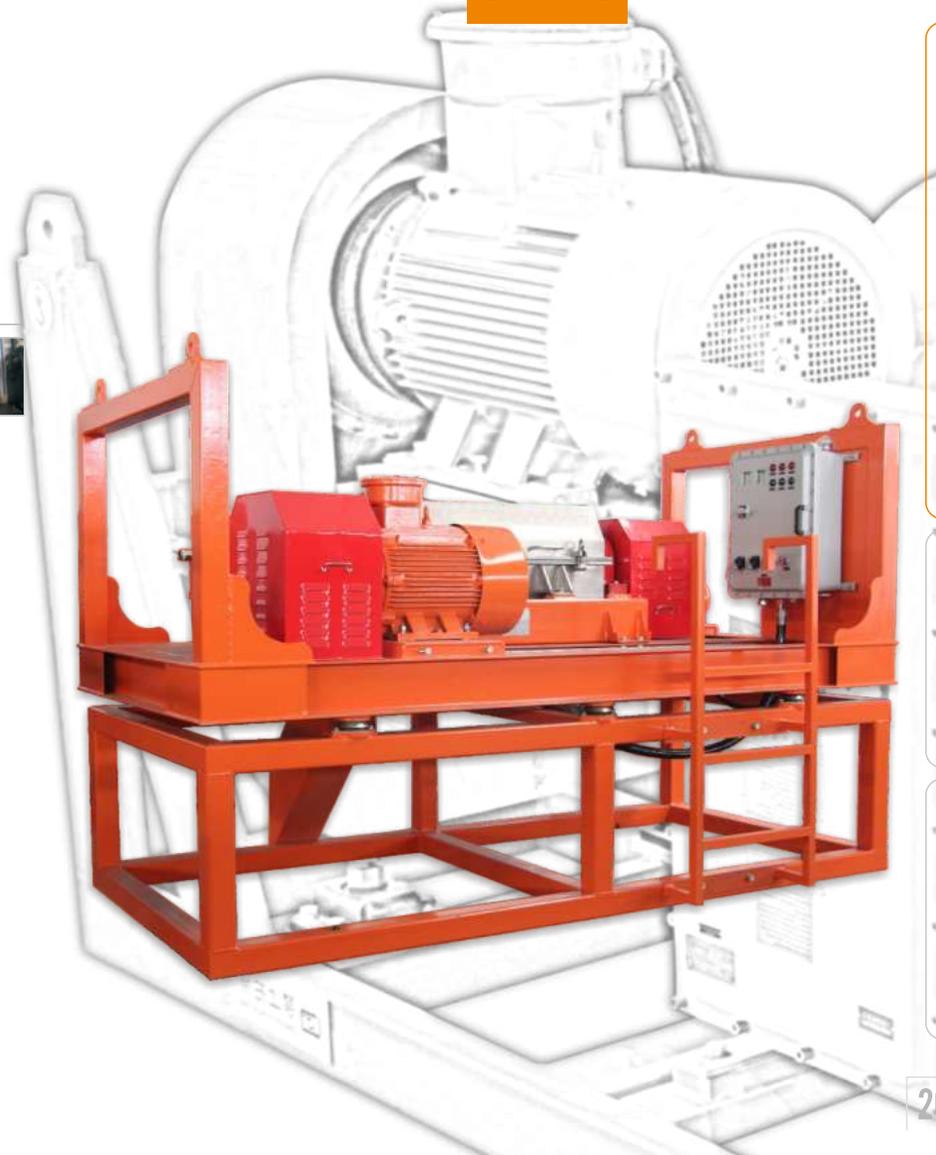
Main Drive/电机功率
37KW-4p (50hp)

Back Drive/ 辅电机功率
7.5KW-4p (10hp)

Max Capacity/最大处理量
≤40m³ /h

Weight/重量
2950kg

Dimension/外形尺寸
3412x1600x1875mm



SOLIDS CONTROL EQUIPMENT

SYSTEM

CASES

CENTRIFUGAL PUMP CENTRIFUGAL PUMP PARAMETERS



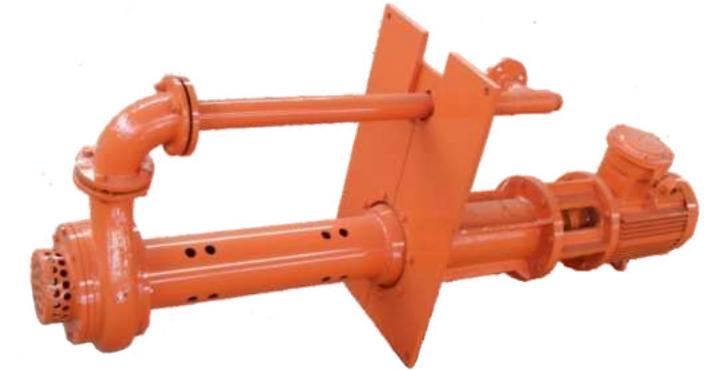
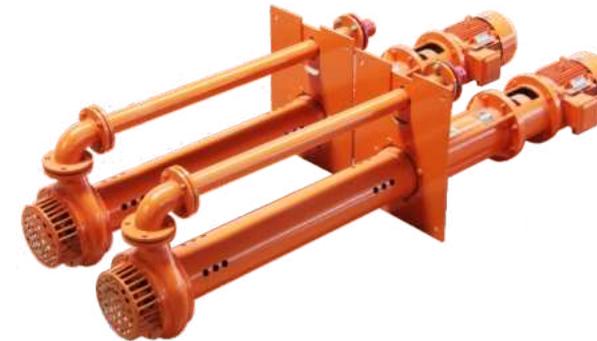
BRIGHTWAY CENTRIFUGAL PUMP FEATURES & BENEFITS

- Motor: Explosion-proof motor
- Quick-wear parts: Interchangeable with NOV Mission Pump
- Material: Pump shell and impeller with wearable material

MODEL 型号	DISPLACEMENT (M³/H) 排量	LIFT (M) 扬程	POWER (KW) 功率	SPEED (RPM) 转速	EFFICIENCY (%) 效率
BWSB10×8×14J	410	33	110	1450	57
BWSB10×8×14J	380	26	90	1450	56
BWSB10×8×14J	370	18	75	1450	52
BWSB8×6×14J	265	40	90	1450	66
BWSB8×6×14J	255	32	75	1450	67
BWSB8×6×14J	250	24	55	1450	63
BWSB8×6×14J	245	20	45	1450	62
BWSB8×6×11J	220	23	45	1450	65
BWSB8×6×11J	210	17	30	1450	70
BWSB6×5×14J	200	34	55	1450	65
BWSB6×5×14J	195	31	45	1450	68
BWSB6×5×14J	190	24	37	1450	70
BWSB6×5×11J	190	23	37	1450	70
BWSB5×4×14J	110	32	30	1450	65
BWSB5×4×14J	105	27	22	1450	68
BWSB5×4×14J	100	21	18.5	1450	68
BWSB5×4×14J	95	17	15	1450	68
BWSB10×8×14J	400	32	132	1750	52
BWSB10×8×14J	380	27	110	1750	50
BWSB8×6×14J	260	36	90	1750	55
BWSB8×6×14J	250	30	75	1750	53
BWSB8×6×11J	250	35	75	1750	67
BWSB8×6×11J	240	26	55	1750	67
BWSB6×5×14J	200	42	75	1750	70
BWSB6×5×14J	190	37	55	1750	68
BWSB6×5×14J	180	29	45	1750	65
BWSB6×5×11J	190	35	55	1750	70
BWSB6×5×11J	180	28	45	1750	70
BWSB6×5×11J	170	25	37	1750	68
BWSB5×4×14J	105	38	37	1750	62
BWSB5×4×14J	105	34	30	1750	62
BWSB5×4×14J	100	25	22	1750	62
BWSB5×4×14J	95	21	18.5	1750	62
BWSB5×4×14J	90	17	15	1750	62

Remark: 1m³/h=4.4GPM 1hp=0.75kw

SUBMERSIBLE SLURRY PUMP SUBMERSIBLE SLURRY PUMP PARAMETERS



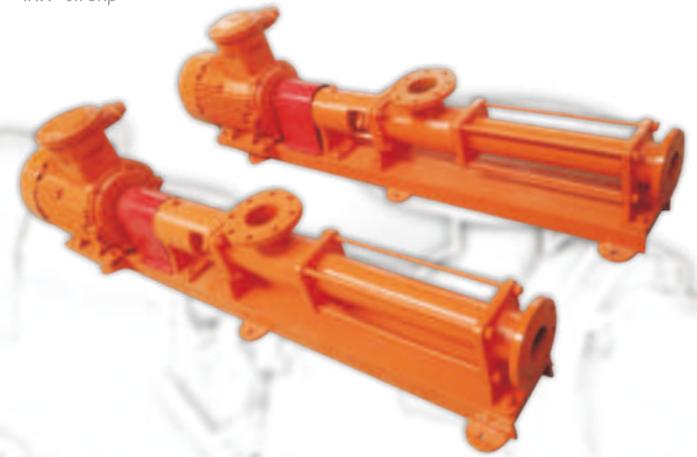
MODEL 型号	FLOW (M³/H) 流量	LIFT (M) 扬程	SPEED (RPM) 转速	EFFICIENCY (%) 效率	POWER (KW) 功率
BW 50YZ20-18	20	18	1450	42	3
BW 50YZ40-10	40	10.5	1450	47	4
BW 50YZ50-12	60	10.8	1450	55	5.5
BW 80YZ50-20	60	18	1450	48	7.5
BW 80YZ80-20B	80	13.4	1450	51	7.5
BW 80YZ80-20A	90	15	1450	51	11
BW 100YZ100-30A	110	24	1450	54	18.5
BW 100YZ100-30	100	31	1450	54	22
BW 100YZ100-30	120	28	1450	56	22
BW 100YZ160-38B	164	26	1450	50	30
BW 150YZ250-40B	240	24	1450	50	37
BW 150YZ250-40A	270	30	1450	51	45

Remark: 1m³/h=4.4GPM 1hp=0.75kw

SCREW PUMP SCREW PUMP PARAMETERS

MODEL 型号	CAPACITY 流量	PRESSURE 压力	MAX SPEED 最大转速	POWER 功率	INLET 进口尺寸	OUTLET 出口尺寸
BWG40-1	12m ³ /h	0.6Mpa	960RPM	4Kw	80mm	65mm
BWG50-1	14m ³ /h	0.6Mpa	720RPM	5.5Kw	100mm	80mm
BWG60-1	22m ³ /h	0.6Mpa	720RPM	11Kw	120mm	100mm
BWG70-1	40m ³ /h	0.6Mpa	720RPM	11Kw	150mm	125mm
BWG85-1	56m ³ /h	0.6Mpa	630RPM	15Kw	150mm	150mm
BWG105-1	100m ³ /h	0.6Mpa	500RPM	30Kw	80mm	65mm

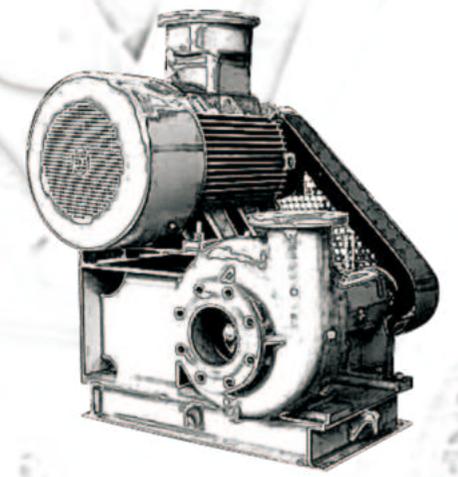
Remark: 1m³/h=4.4GPM 1KW=0.75hp



SHEAR PUMP SHEAR PUMP PARAMETERS

MODEL 型号	CAPACITY 流量	LIFT 扬程	POWER 功率	SPEED 转速	WEIGHT 重量
BWJQB6545	120m ³ /h	45m	55Kw	1450r/min	980Kg
BWJQB6535	100m ³ /h	35m	37Kw	1450r/min	800Kg

Remark: 1m³/h=4.4GPM 1KW=0.75hp





**GRAVEL PUMP
BWSLB**

Capacity/流量
150~170m³/hour

Head/扬程
30 Meter

Power/功率
30KW (40hp)

Inlet/进口尺寸
6" (150mm)

Outlet/出口尺寸
4" (100mm)

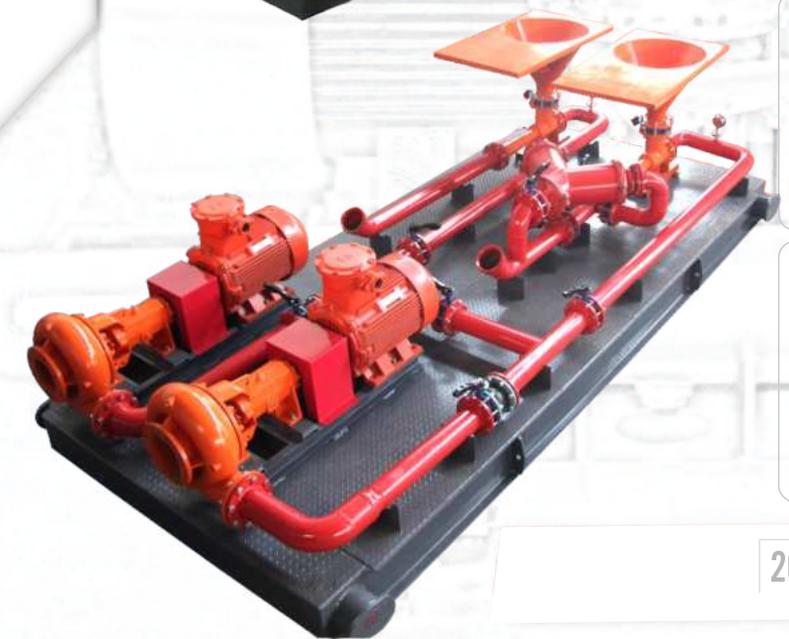
Speed/转速
1150 rpm

Max solid size/最大固相尺寸
80 mm



JET MUD MIXER
/射流混浆装置

- 1 Model/型号 BWSL 125 / 153 / 154 / 155
- 2 Matching pump/匹配砂泵 15KW / 30KW / 45KW / 55KW (20hp / 40hp / 60hp / 73hp)
- 3 Capacity/处理量 60 / 120 / 180 / 240 m³/h (264 / 528 / 792 / 1050 GPM)
- 4 Pressure/压力 0.25-0.40 Mpa
- 5 Inlet/进口尺寸 100 / 150 mm
- 6 Nozzel/喷嘴尺寸 25 / 35 / 40 / 50 mm
- 7 Hopper size/漏斗尺寸 500 × 500 / 600 × 600 / 750 × 750 mm
- 8 Burden Speed/配料速度 ≤40 / 60 / 80 / 100 kg/min
- 9 Mud density/泥浆密度 ≤1.5 / 2.0 / 2.4 / 2.8 g/cm³
- 10 Mud viscosity/泥浆粘度 ≤60 / 80 / 120 s



SOLIDS CONTROL EQUIPMENT

SYSTEM

CASES

WATER TANK / OIL TANK
水罐 / 油罐



Volume/容积
10 / 20 / 30 / 40 m³

Painting/喷涂
Epoxy zinc rich primer,
intermediate coating with epoxy micaceous iron,
finish painting with polyurethane

Remark/备注
Water pump, oil pump, water level, oil level,
etc are according to customer requirements.
水泵, 油泵, 液位计, 油位计等,
可根据客户需求匹配。

MUD AGITATOR
/搅拌器

Model/型号	BWJBQ5.5 / 7.5 / 11 / 15 / 18.5 / 22
Power/功率	5.5KW / 7.5KW / 11KW / 15KW / 18.5KW / 22KW
Impeller Speed/叶轮转速	60/72 RPM
Impeller Dia/叶轮直径	600mm / 750mm / 850mm / 950mm
Ration/转速比	25 : 1
Dimension/外形尺寸	870 × 600 × 560mm / 906 × 600 × 560mm / 1075 × 650 × 630mm / 1170 × 720 × 685mm
Power/电制	380-600V, 50-60Hz
Shaft Length/轴长	According to tank inside depth



MUD GUN
/泥浆枪

Model/型号	BWNJQ801 / BWNJQ803/BWNJQ501 / BWNJQ503
Nozzel diameter/喷嘴直径	2"/3" (φ 50/φ 80) mm
Valve/闸阀尺寸	2"/3" (φ 50/φ 80) mm
Work pressure/工作压力	1.6 / 3.2 / 6.4 Mpa
Nozzel/喷嘴数量	1-3
Angle/角度	0-360°

MUD TANK

/泥浆罐



Volume/容积

30 / 40 / 50 / 60 / 80 / 100 m³

Typy / 类型

Mud tank can be made into V-shaped/U-shaped/trailer type and can be customized according to user requirements.

泥浆罐体可做成V型、U型、拖车式，可根据用户要求定制。

MUD GAS SEPARATOR

/液气分离器

1 Model/型号	BWZYQ 800 / 1000 / 1200
2 Main body diameter/直径	800mm / 1000mm / 1200mm
3 Capacity/处理量	180~240m ³ /h (792~1056GPM) 260~320m ³ /h (1144~1408GPM) 300~360m ³ /h (1320~1584GPM)
4 Wall thickness/壁厚	10mm
5 Inlet pipe/进液管	4" / 4" / 5"
6 Outlet for Liquid/出液管	10"
7 Outlet for gas/排气管	8"
8 Weight/重量	1800 / 2000 / 2500 Kg
9 Dimension/外形尺寸	2000 × 2000 × 5070 mm / 2000 × 2000 × 5860 mm / 2200 × 2200 × 6634 mm



FLARE IGNITION DEVICE

/电子点火装置

1 Model/型号	BWYD203
2 Diameter of burner/燃烧器口径	DN200mm / DN150mm
3 Burner height/燃烧器高度	3m / 2.5m
4 Ignition voltage/点火电压	16KV / 17KV
5 Ignition frequency/点火频率	100~1000 times/min



SCREW CONVEYOR
/螺旋推进器

Model/型号	BWTJQ/N
Material/材质	Carbon steel / Stainless steel 碳钢 / 不锈钢
Power/功率	15KW or other

Diameter/直径	300mm or other
Length/长度	10m or other
Remark/备注	* The screw conveyor configuration is according to customer requirement. * 可根据客户的需求确定产品配置

Model/型号
BWLS1600 BWLS800

Max. Allowable Speed/电机最大转速
50 Hz/1500 RPM 60 Hz/1800 RPM

Max Feed Rating/处理量
≤50m³/h

Max. Product Density (Main Drive)/最大介质密度
2000 kg/m³

Max. Product Temp./最大工作温度
80 °C

Total Weight/重量
7000 KG

VERTICAL CUTTING DRYER
/钻屑甩干机





SLUDGE VACUUM PUMP
/ 污泥真空泵

1 Model / 型号	BWVP750	BWVP550	BWVP350
2 Max Capacity(m³/h) / 处理量	40m³/h	20m³ / h	10m³/h
3 Inlet/Outlet Size(Inch) / 进/出管	4"	4"	3"
4 Vacuum Degree / 真空度	85Kpa	85Kpa	85Kpa
5 Max Suction Distance(m) / 最大吸入距离	50m	50m	50m
6 Max Discharge Distance(m) / 最大排放距离	1000m	500m	500m
7 Max Solids Content / 最大物料含固量	80%	80%	80%
8 Max Solids Size(mm) / 最大物料颗粒	75mm	75mm	50mm
9 Pressure Request / 气压要求	550Kpa-785Kpa	550Kpa-690Kpa	550Kpa- 690Kpa
10 Air Demand / 供气要求	17m³/min	8m³/min	4.3m³/min
11 Dimension:L x W x H(mm) / 外形尺寸	1700*1490*1990mm	1425*900*1450mm	1534×785×1475mm
12 Weight(kg) / 重量	900Kg	395Kg	365Kg
Compressor Power / 空压机功率	90Kw	45Kw	37Kw



MUD COOLER
/ 泥浆冷却器

SOLIDS CONTROL EQUIPMENT

Model / 型号
BWLQ 120 / 150 / 180

Capacity / 处理量
120m³/h 150m³/h 180m³/h

Operating Power / 运行功率
125kw / 145kw / 160kw

Total Power / 系统总功率
180kw / 220kw / 250kw

Water Volume / 水量
320m³/h

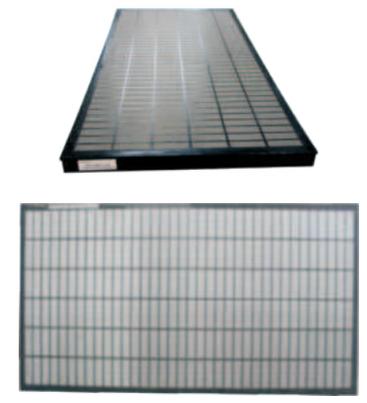
Temperature Difference / 温差
30~45°C

Dimension / 设备尺寸
8500x3000x5200mm / 9500x3000x5200mm /
11000x3000x5200mm

SYSTEM

CASES

► **SCREEN** /筛网

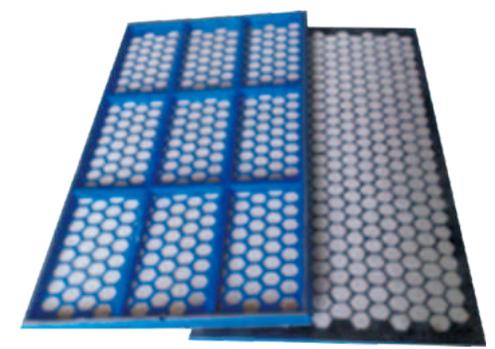
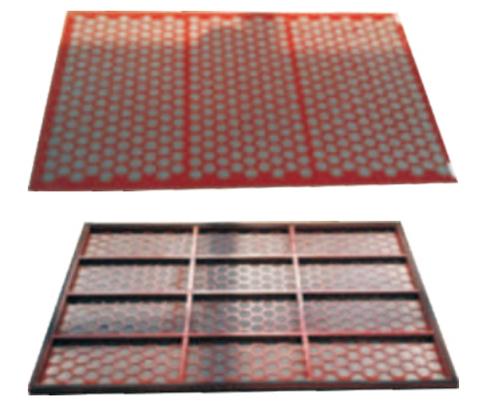


1 BRIGHTWAY M-SCREEN

Mesh	20-320
Dimension	585 × 1165mm
Weight	15kg
Screen material	S.S304
Frame material	Composite

2 BRIGHTWAY O-SCREEN

Mesh	20-320
Dimension	700 / 850 × 1250 mm
Weight	15.5kg
Screen material	S.S304
Frame material	Carbon steel

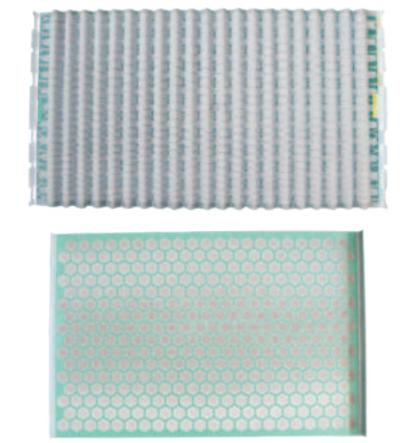
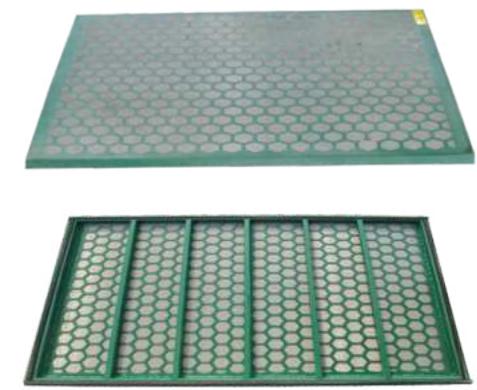


3 BRIGHTWAY KT-SCREEN

Mesh	20-320
Dimension	1220 × 710 mm
Weight	13kg
Screen material	S.S304
Frame material	Carbon steel

4 BRIGHTWAY BC-SCREEN

Mesh	20-320
Dimension	635 × 1257 mm
Weight	15.5kg
Screen material	S.S304
Frame material	Carbon steel



5 BRIGHTWAY D-2000 PMD/PWP SCREEN

Mesh	20-320
Dimension	697 × 1053 mm
Weight	5.8 / 4.2kg
Screen material	S.S304
Frame material	Carbon steel

6 BRIGHTWAY D-500 PMD/PWP SCREEN

Mesh	20-320
Dimension	697 × 1050 mm
Weight	7.5 / 6.0kg
Screen material	S.S304
Frame material	Carbon steel



► **HYDRACYCLONE /旋流器**



4" HYDRACYLCONE
4'HYDRCY

Material	Polyurethane
Diameter	100mm(4")
Working Pressure	0.25~0.45Mpa
Seperation size	15~47um
Inlet size	150mm(6")
Outlet size	200mm(8")

Remark: With clamp design, replaceable with Derrick hydracyclone.

► **DRILL BITS /钻头**



PDC Drill Bit

Outer Diameter	3½ - 17½ inch
Blade Count	3 - 12
Cutter Diameter	5/16 - 1 inch
Gauge Length	Customizable
Connection	API 2-3/8REG - 7/5/8REG



PDC Coring Bit

Outer Diameter	3½ - 9½ inch
Internal Diameter	2½ - 5½ inch
Blade Count	3 - 16
Cutter Diameter	5/16 - 3/4 inch
Connection	Customizable

10" HYDRACYCLONE

Material	Polyurethane
Dimension(+/-2mm)	250mm(10")
Working Pressure	0.25~0.45Mpa
Seperation size	47~76um
Inlet size	150mm(6")
Outlet size	200mm(8")



Remark: With clamp design, replaceable with Derrick hydracyclone.

Bi-center Bit

Outer Diameter	3½ - 17½ inch
Blade Count	3 - 12
Cutter Diameter	5/16 - 1 inch
Gauge Length	Customizable
Connection	API 2-3/8REG - 7/5/8REG



Reamer

Outer Diameter	3½ - 17½ inch
Blade Count	3-4
Cutter Diameter	5/16 - 3/4 inch
Gauge Length	Customizable
Connection	API Male/Female buckle



Part 2 SYSTEM

01 石油钻井固控系统
Oil Drilling Rig Mud System



02 煤层气钻井固控系统
CBM Drilling Rig Mud System



03 定向钻泥浆回收系统
HDD Mud Recycling System



04 盾构/顶管泥水分离系统
TBM Separation Plant



05 水基/油基泥浆不落地系统
Drill Cuttings Treatment System



06 钻井泥浆站
Liquid Mud Plant



07 含油污泥处理系统
Oil Sludge Treatment Plant



08 污泥脱水系统
Sludge Dewatering System



Part 3

CASES

Oil Gas Drilling / 石油&天然气钻井 Drilling Rig Mud System / 泥浆固控系统



▲ 4500hp Drilling Rig Mud System

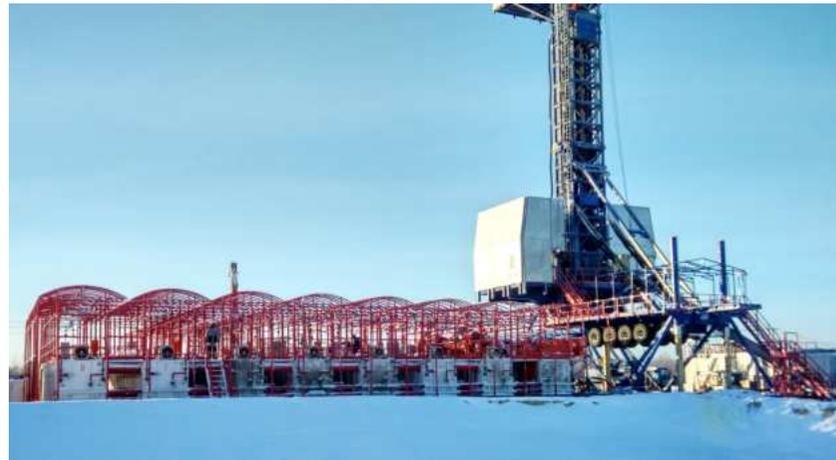
▼ 3000hp Drilling Rig Mud System



▼ 2000hp Drilling Rig Mud System



▼ 1500hp Drilling Rig Mud System



▼ 1000hp Drilling Rig Mud System



▼ 750hp Drilling Rig Mud System



SOLIDS CONTROL EQUIPMENT

SYSTEM

CASES

CBM & Geothermal / 煤层气 & 地热钻井

Drilling Rig Mud System / 泥浆固控系统



SOLIDS CONTROL EQUIPMENT

SYSTEM

CASES

HDD / 非开挖水平定向穿越
Mud Recycling System / 泥浆回收系统





TBM & Micro Tunneling / 盾构 & 顶管施工

Separation Plant & Desanding Plant / 泥水分离系统

SOLIDS CONTROL EQUIPMENT

SYSTEM

CASES

OBM&WBM / 油基 & 水基钻屑处置

Drill Cuttings Treatment System / 泥浆不落地系统



SOLIDS CONTROL EQUIPMENT

SYSTEM

CASES

钻井泥浆站
Liquid Mud Plant



含油污泥处理系统
Oil Sludge Treatment Plant



Oil Sludge



污泥脱水系统
Sludge Dewatering System



SOLIDS CONTROL EQUIPMENT

SYSTEM

CASES

| 荣誉 / Honor



| 知识产权 / Intellectual Property



| 展会 / Exhibition



| 资质 / Qualification



SOLIDS CONTROL EQUIPMENT

SYSTEM

CASES