

MUD SERIES PUMP CATALOG

S/N

MUD PUMP SERIES

1



BW160 mud pump
Type: Horizontal
Action type: reciprocating double action
Number of cylinders: 1
Cylinder diameter: 95mm
Stroke: 85mm
Number of reciprocations: 165/min
Displacement: 160L/min
Working pressure: 1.3Mpa
Drive shaft speed: 951r/min
V-belt type and number of slots: Type B*3 slots
Diesel engine model: R180 (8 horsepower)
Transmission power: 5.88kw
Diameter of suction pipe: 50mm
Drain pipe diameter: 32mm
Dimensions (length * width * height):
1200*800*910mm
Weight : 200kg

2



BW200 mud pump
Type: Horizontal
Type of action: reciprocating double-acting
Number of cylinders: 2
Cylinder liner diameter: 80/65mm
Stroke: 85mm
Reciprocating times: 145/min
Displacement: 200/125L/min
Working pressure: 4.6Mpa
Transmission shaft speed: 530r/min
Diameter of V-belt pulley: 385mm
V-belt pulley type and number of slots: B type*3 slots
Power: 295 diesel or electric motor
Suction pipe diameter: 65mm
Drain pipe diameter: 37mm
Dimensions (L*W*H): 1050*630*820mm
Weight: 300kg

3



BW250 mud pump

Pump type: horizontal triplex single-acting piston pump

Number of cylinders: 3

Cylinder liner diameter: 80mm

Stroke: 100mm

Displacement: 250/145/90/52L/min

Working pressure: 2.5/4.5/6.0/6.0Mpa

Transmission shaft speed: 500r/min

Diameter of V-belt pulley: 410mm

V-belt pulley type and number of slots: B type * 5 slots

Transmission power: 16.2kw(22 hose power)

Suction pipe diameter: 76mm

Drain pipe diameter: 51mm

Dimensions (L*W*H): 1100*995*650mm

Weight: 500kg

4



3NB-250/6-15 mud pump

Type: Horizontal Tri-cylinder reciprocating single-acting piston pump

Stroke length (mm): 100

Cylinder diameter (mm): 80

Pump speed (min⁻¹): 200 116 72 42

Flow (L/min): 250 145 90 52

Pressure (Mpa): 2.5 4.5 6.0 6.0

Volume rate(%): 85

Total efficiency (%): 72

Required power (kw): 15

V-belt pulley pitch diameter (mm) Type B X 5 Slot 410

Input speed (r/min): 500

Maximum water absorption height (m): 2.5

Inlet pipe diameter (mm): 3 inch cloth pressure hose 76

Drain pipe diameter (mm): 2-inch two-layer steel wire high-pressure hose 51

Dimension (L*W*H) (mm) : 1100*995*650

Weight: (kg) 500

5



BW-280/30 pump

Type: Horizontal tri-cylinder reciprocating single-acting piston pump
 Stroke (mm) : 80
 Cylinder diameter (mm) : 80
 Stall: 6 5 4 3 2
 Pump speed (min-1) : 234 190 134 81 49
 Flow rate (L/min) : 280 230 160 100 60
 Rate pressure (MPa) : 11 15 20 25 30
 Input power (kw) : 75
 Inlet pipe diameter (mm) : $\Phi 89$
 Drain pipe diameter (mm) : $\Phi 51$
 Demension (L*W*H) (mm) : 2950X1500X1140
 Weight: 3000kg

6



BW320 mud pump

Working method: three-cylinder single-acting plunger pump
 Bore: 80, 60 (mm)
 Stroke: 110(mm)
 Pump speed: 214-78(min-1)
 Flow: 320-66(L/min)
 Rated pressure: 10-4(MPa)
 Input power: 30(kw)
 Inlet pipe diameter: 76(mm)
 Drain pipe diameter: 51(mm)
 Volumetric efficiency: 86 (%)
 Total efficiency: 72 (%)
 Water absorption height: 2.5(m)
 Dimensions L \times W \times H: 1280 \times 855 \times 720 (mm)
 Weight: 650(kg)

7



BW600 mud pump

Maximum flow: 600L/min
 Maximum pressure: 6Mpa
 Drive power "30KW
 Suction pipe diameter: 89mm
 Drain pipe diameter: 51mm
 Drilling hole depth (m): ≤ 800
 Dimensions (mm): 1000 \times 995 \times 650
 Weight: 700kg

8



BW850/2 mud pump
 Cylinder diameter:150 mm
 Piston Stroke:180 mm
 Number of Strokes:82, 58 Num./min
 Displacement:850, 600 litre/min
 Pressure:2.0, 3.0 mpa
 Speed of V-Belt wheel:470 rpm
 Power(Kw):37(electric motor),37~70(diesel engine)
 Diameter of suction pipe:127mm (5")
 Diameter of discharge pipe:64 mm (2-1/2")
 Overall dimensions (LxWxH):2000 x 1030 x 1400 mm
 Weight:1500 kg

9



BW1100 mud pump
 Piston stroke (mm): 240
 Strokes (times/min): 70 55 70 55
 Cylinder diameter (mm): 150 130
 Theoretical displacement (l/min): 1100 900 840 650
 Discharge pressure (MPa): 3.2 4.0 4.2 5.0
 Input power: 95HP 70KW
 Suction pipe diameter (mm): 150
 Discharge pipe diameter (mm): 76
 Input speed (rpm): 522
 Overall dimensions (mm) Length × Width × Height:
 2320 × 1100 × 1760
 Weight (kg): 2650

10



BW1200 mud pump
 Type: Horizontal double-cylinder reciprocating
 double-acting piston pump
 Stroke (mm): 270
 Pump speed times/min: 70
 Cylinder diameter (mm): 160 150
 Flow rate (L/min): 1200 1000
 Pressure (MPa): 8
 Power (Kw): 185
 Dimensions (mm): 3045*1440*2420
 Weight (kg): 7200

S/N

GROUTING MACHINE SERIES

11



Model: BW150

Pressure: 7 MPa

Displacement: 9/h³

Motor power: 7.5 kW

This machine has four adjustable speeds and one fast and slow speed. It can inject cement slurry, bentonite, yellow mud, etc.

12



Model: BW160

Pressure: 10 MPa

Displacement: 10/h³

Motor power: 11 kW

This machine has four adjustable speeds and can inject cement slurry, bentonite, yellow mud, etc.

13



Model: BP250, speed regulation, variable frequency speed regulation, 2 types

Pressure: 8 MPa

Displacement: 15/h³

Motor: 15 kW

The pump head of this model is an independent pump head, with a larger pump head structure, Supports high-concentration slurry, no clogging, and more convenient replacement of accessories
Performance advantages: completely ahead of other brands in the market

14



Model: BW500 Piston diameter 100mm

Pressure: 6 MPa

Displacement: 30/h³

Motor power: 30 kW

This machine has four adjustable speeds and can inject cement slurry, bentonite, yellow mud, etc.

15



Model XPB300 Plunger diameter 80mm

Pressure: 8 MPa

Displacement: 18 cubic meters

Motor: 22KW

1: This model adopts a plunger structure, pump head cooling, and extremely high durability

2: The pump head of this model is an independent pump head, with a larger pump head structure,

3: Supports high-concentration slurry, no jamming, and more convenient replacement of accessories

Performance advantages: completely ahead of other brands in the market

16



Model: GPB-150

Pressure: 6 MPa

Displacement: 6-8/h³

Motor power: 7.5 kW

This machine has variable frequency speed adjustment, and the speed can be adjusted arbitrarily within the range of 50 Hz. Grouting liquids can be cement slurry, bentonite, yellow mud slurry, etc.

17



Model: GPB-150/11

Pressure: 8 MPa

Displacement: 6-9/h³

Motor power: 11 kW

This machine has variable frequency speed adjustment, and the speed can be adjusted arbitrarily within the range of 50 Hz. The grouting liquid can be cement slurry, bentonite, yellow mud slurry, etc.

18



Model: XPB-10/22

Pressure: 15 MPa

Displacement: 6-9/h³

Motor power: 22 kW

This machine has variable frequency speed adjustment, and the speed can be adjusted arbitrarily within the range of 50 Hz. Grouting liquids can be cement slurry, bentonite, yellow mud slurry, etc.

19



Model: BW150-10

Pressure: 8 MPa

Displacement: 9/h³

Motor power: 11 kW

This model has four adjustable speeds and can inject cement slurry, bentonite, yellow mud, etc.

Advantages: The cheapest model in the three-cylinder pump series

S/N

GROUTING MACHINE SERIES

20



Model: BW70/8

Pressure: 8 MPa

Displacement: 4-6/h³

Motor power: 11 kW

This model is a mortar grouting pump, which can inject grouting liquid such as M30 type flowing mortar (mortar ratio: 1.25:0.48), cement slurry, bentonite, yellow mud slurry, etc.

21



Model: SJ200

Pressure: 1-8 MPa

Displacement: 8-10/h³

Motor power: 15 kW

This model is a mortar grouting pump, which can inject grouting liquid such as M30 type flowing mortar (mortar ratio: 1.25:0.48), cement slurry, bentonite, yellow mud slurry, etc.

22



Model: SJ300 -SJ350

Pressure: 1-10 MPa

Displacement: 18-25 cubic meters

Motor power: 22 kW

This model is a mortar grouting pump, which can inject grouting liquids such as M30 type flowing mortar below 4 mm (mortar ratio: about 1:1), cement slurry, bentonite, yellow mud slurry, etc.

23



Model: BW60/8

Pressure: 8 MPa

Displacement: 3.5/h³

Motor power: 7.5 kW

This model is a mortar grouting pump, which can inject grouting liquid such as M30 type flowing mortar (mortar ratio: 0.8:0.5), cement slurry, bentonite, yellow mud slurry, etc.

24



Model: WD2000 -WD3000

Pressure: 2 MPa-4

Displacement: 2-3/h³

Motor power: 4 kW-5.5KW (two models to choose from)

This model is a mortar grouting pump, which can inject grouting liquid with a water-cement ratio of up to 1:4; thick slurry, concentrated slurry, etc. Thin slurry is not recommended.

25



Model: WD5000

Pressure: 5 MPa

Displacement 4-6/h³

Motor power: 7.5 kW

This model is a mortar grouting pump, which can inject grouting liquid with a water-cement ratio of up to 1:4; thick slurry, concentrated slurry, etc. Thin slurry is not recommended.

S/N

DUAL FLUID SERIES

26



Model: BW90-5

Pressure: 5 MPa

Displacement: 4-6/h³

Motor power: 5.5 kW

This model is a dual-liquid grouting pump that can simultaneously inject cement and water glass slurries, or it can inject cement slurry, bentonite, yellow mud slurry, etc.

27



Model: WYB80-80/110

Pressure: 8-10 MPa

Displacement: 6-8 cubic meters

Motor power: 11 kW

This model is a dual-liquid grouting pump that can simultaneously inject cement and water glass slurries, or it can inject cement slurry, bentonite, yellow mud slurry, etc.

28



Model: WD220/22

Pressure: 10-15 MPa

Displacement: 6-8 cubic meters

Motor power: 22KW

This model is a dual-liquid grouting pump that can simultaneously inject cement and water glass slurries, or it can inject cement slurry, bentonite, yellow mud slurry, etc.

29



Model: 2ZBSY

Pressure: 6 MPa

Displacement: 4-6/h³

Motor power: 11 kW

This model is a four-speed adjustable speed, dual-liquid grouting pump, which can inject cement and water glass slurries at the same time, and can also inject cement slurry, bentonite, yellow mud slurry, etc.

S/N

MIXING BUCKET SERIES

30



Name: Fast Pulping Machine

Capacity: 700L, 1500L

Motor Power: 5.5 kW, 7.5 kW

This machine is a fast pulping machine, used to quickly mix cement, bentonite and other mixed slurries with water; each barrel of slurry can be mixed in 3 minutes at the fastest.

31



Model: LN965 automatic mixer

Capacity: 1000L

Motor power: 4 kW

This model is an automatic mixer with the functions of automatic water feeding and weighing display. It can mix cement, bentonite and other mixed slurries with water.

32



Model: LN965 automatic mixer

Capacity: 2000L

Motor power: 4 kW

This model is an automatic mixer with the functions of automatic water feeding and weighing display. It can mix cement, bentonite and other mixed slurries with water.

S/N

WET SPRAYING MACHINE SERIES

33



Model: 600

Air compressor configuration: 90 kW 16-8

Displacement: 4-5/h³

Motor power: 7.5 kW

This machine is a rotor-type wet spraying machine, and the wet spraying particles are best around 5-8 mm.

Advantages: The cheapest model that can be wet sprayed

34



Model: PZ-6F
High-quality thickening spraying machine,
Using 7-type gearbox 7.5KW motor,
Features: Accessories are universal with 5-6 cubic
accessories,
Fast speed, fast feeding, no load when using the
machine

35



Model: 90D hydraulic wet spraying machine
Required air compressor configuration: 90 kW 16
cubic meters or more Displacement: 4-6/h Motor
power: 22 kW Horizontal maximum distance is about
90 meters
This model is a hydraulic pump wet spraying
machine. The best wet spraying particles are about 5-
8 mm
Compared with other brands, the biggest advantage:
Advantages: The spraying speed can be adjusted,
and the maximum distance is about 90 meters

36



Model: 90C hydraulic wet spraying machine
Displacement: 4-7 cubic meters
Motor power: 22KW
The biggest feature is that the slurry has strong
permeability and is not easy to be blocked