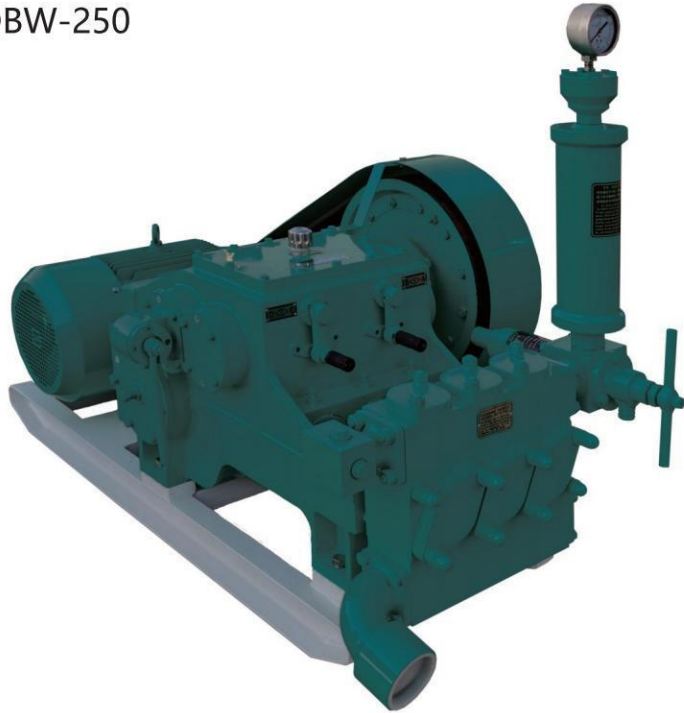


DBW-250

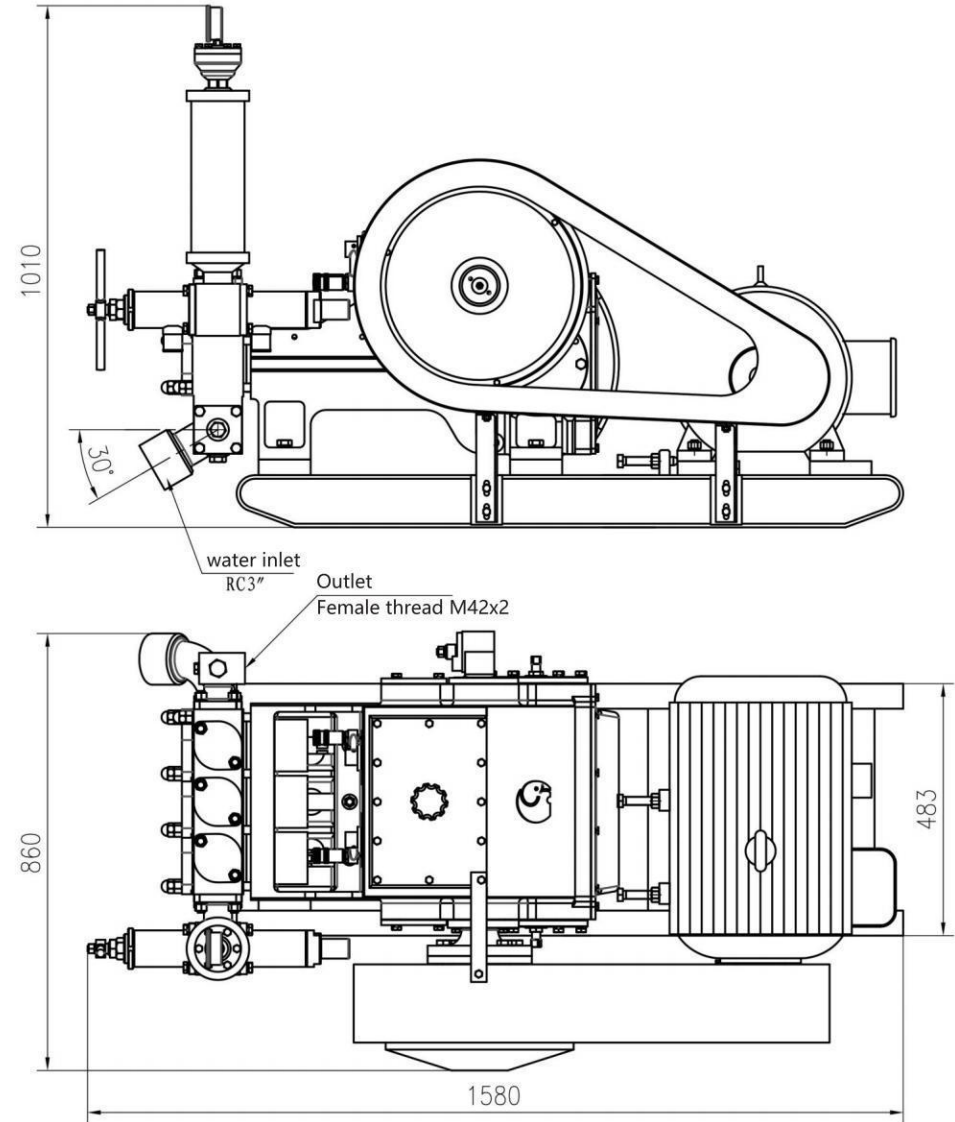


The DBW-250 reciprocating pump is a horizontal triplex reciprocating single-acting piston pump driven by an electric motor. It is mainly used to convey flushing fluid into the borehole during geological core drilling, but can also be used for grouting, sewage discharge, and long-distance water delivery. The pump has four flow rates and four pressures, with a wide range of flow and pressure changes, making it suitable for different borehole diameters. The design adopts new concepts, new structures, new materials, and new processes. It has a compact structure, light weight, small size, and elegant appearance. It is easy to install and maintain, has high output pressure, longer life of vulnerable parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump				
Stroke (mm)	75			
Cylinder diameter (mm)	80			
Flow (L/min)	250	165	122	79
Pressure (MPa)	2.6	4	5.4	8
Input speed (r/min)	420			
Input power (kW)	13			
Dimensions (mm)	1580 × 860 × 1010			
Weight (kg)	670			
Motor model	YE3-160L-4			
Motor Power (kW)	15			

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

DBW-250 Outline Dimension Drawing



DBWF-250 (Motor Driven)

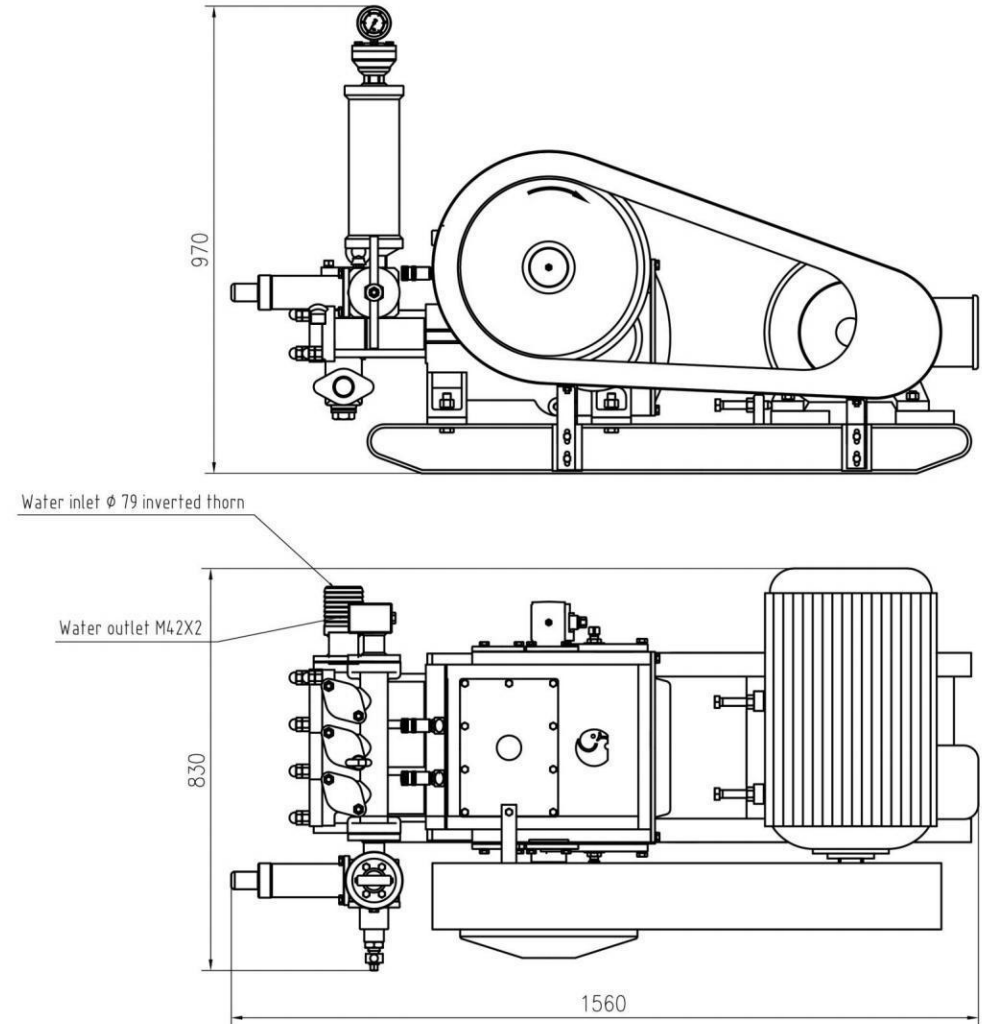


The DBWF-250 reciprocating pump is a horizontal triplex reciprocating single-acting piston pump driven by an electric motor. It is mainly used for delivering flushing fluid into the borehole during geological core drilling, and can also be used for grouting, sewage discharge, and long-distance water supply for other purposes. The pump has four flow rates and four pressures, with a wide range of variations in flow rate and pressure to accommodate different borehole diameters for drilling and backhaul. In its design, new concepts, structures, materials, and processes are applied to create a compact structure, light weight, small size, and attractive appearance, as well as convenience in installation and maintenance. It features high output pressure, longer lifespan of vulnerable parts, and stable performance.

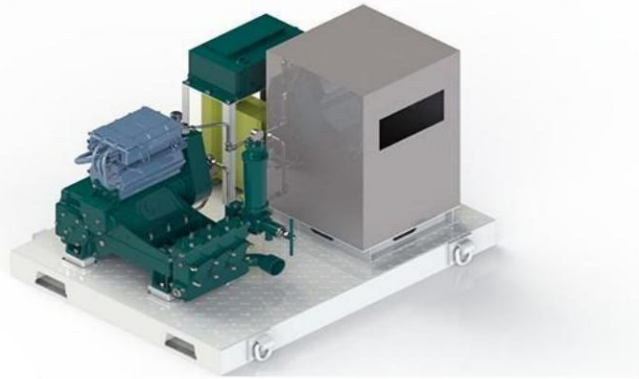
Horizontal triplex reciprocating single acting piston pump				
Stroke (mm)	70			
Cylinder diameter (mm)	75			
Flow (L/min)	250	158	100	69
Pressure (MPa)	2.5	4	6	9
Input speed (r/min)	727			
Input power (kW)	13			
Dimensions (mm)	1560 × 830 × 970			
Weight (kg)	560			
Motor model	YE3-160L-4			
Motor Power (kW)	15			

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

DBWF-250 Outline Dimension Drawing



DXBH-300EQ

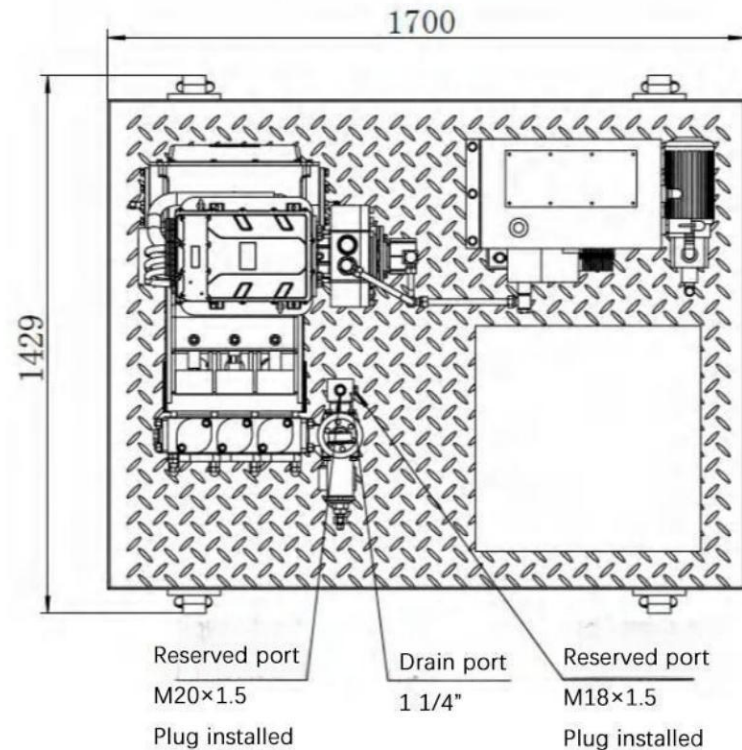
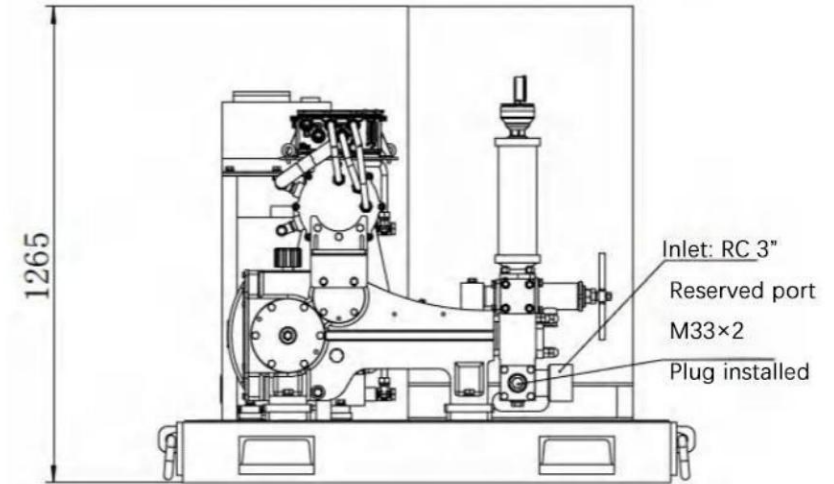


The DXBH-300EQ reciprocating pump is a horizontal triplex single-acting piston pump, driven by a permanent magnet synchronous motor for high efficiency, energy savings, and environmental friendliness. It is primarily designed for use with 30-ton trenchless drilling rigs but can also be employed in other applications such as grouting, mine drainage, and long-distance water delivery. This pump features a wide range of adjustable flow rates and pressures, enabling remote stepless speed regulation via a controller. The flow and pressure variations can maintain constant power output, replacing traditional manual gear-shifting operations. With innovative design concepts and a compact structure, the pump boasts an aesthetically pleasing appearance, easy installation and maintenance, extended service life for wear-prone parts, and stable performance.

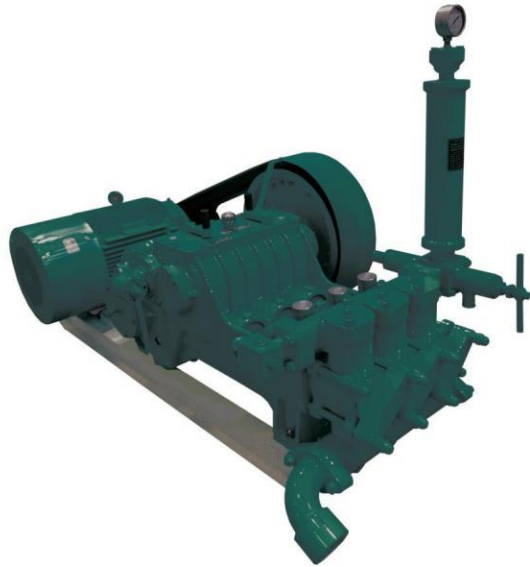
Horizontal triplex reciprocating single acting piston pump	
Stroke(mm)	75
Cylinder diameter(mm)	80
Pump speed(r/min)	133~266
Flow(L/min)	150~300
Pressure(Mpa)	8~4
Input power(Kw)	23
Dimensions(mm)	1700 × 1429 × 1265
Weight(kg)	1050
Motor Model	TYC24-1750-L120M10
Rated Current / Maximum Current (A)	77.8/140
Rated Power / Peak Power (kW)	24/40.8
Rated Speed / Maximum Speed (r/min)	1750/3500

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

DXBH-300EQ Outline Dimension Drawing



DBW-320 (Motor Driven)

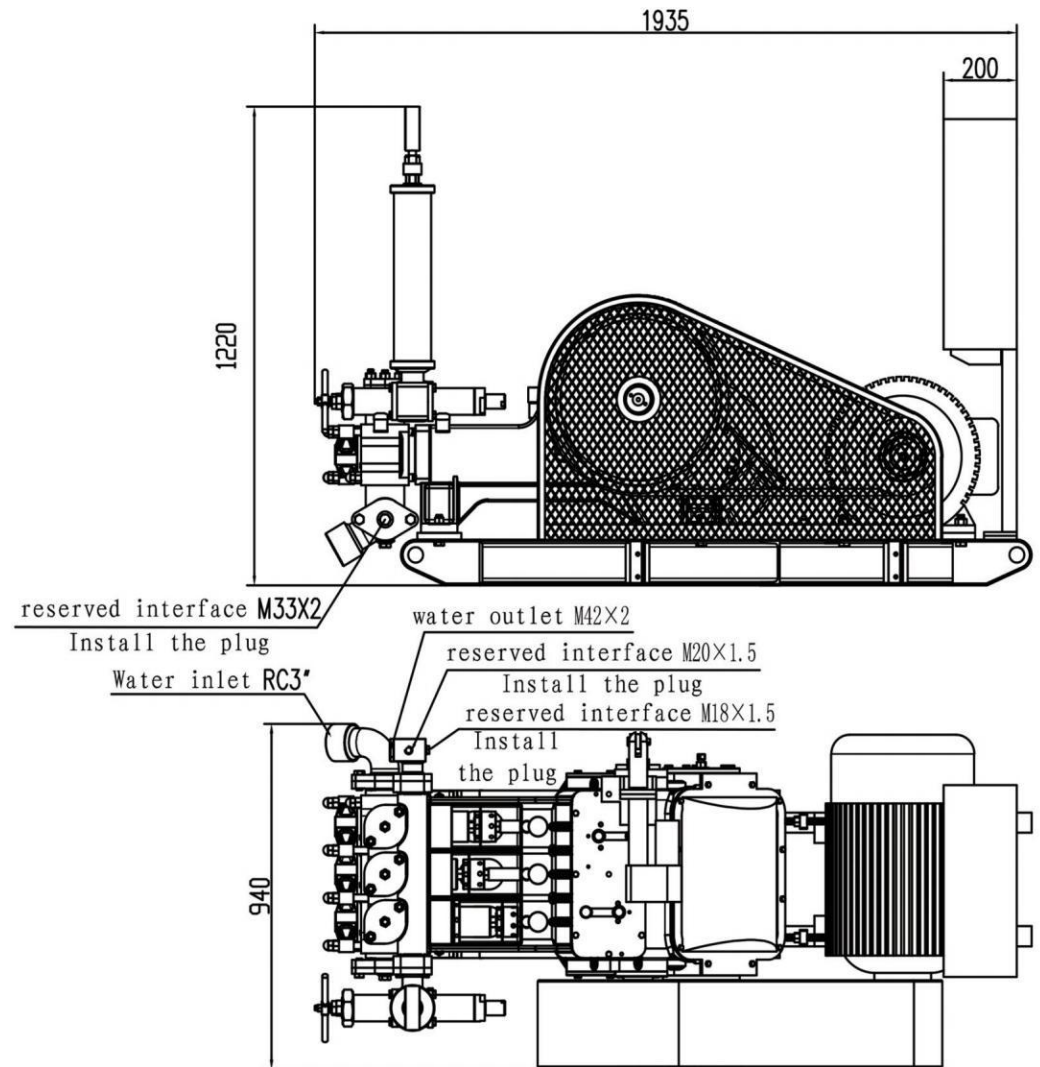


The DBW-320 reciprocating pump is a horizontal triplex reciprocating single-acting plunger pump driven by an electric motor. It is mainly used in geological core drilling to deliver washing fluid into the borehole and can also be used for other purposes such as grouting, drainage, and long-distance water delivery. This pump has four flow rates and four pressures, with a wide range of flow and pressure changes, making it suitable for different hole sizes for drilling and backwashing. It adopts new concepts, new structures, new materials, and new processes in its design, with a compact structure, light weight, small size, attractive appearance, easy installation and maintenance, and has the characteristics of high output pressure, long service life of vulnerable parts, and stable performance.

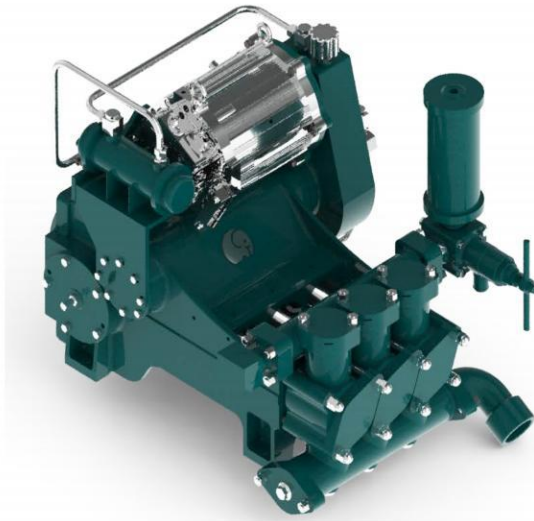
Horizontal triplex reciprocating single acting piston pump				
Stroke (mm)	110			
Cylinder diameter (mm)	80			
Flow (L/min)	320	230	165	118
Pressure (MPa)	4	5	6	8
Input speed (r/min)	535			
Input power (KW)	27			
Dimensions (mm)	1870 × 940 × 1240			
Weight (kg)	1000			
Motor model	Y200L-4-B3			
Motor Power (KW)	30			

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

DBW-320 Outline Dimension Drawing



DXBH-400E (Hydraulic Motor Driven)

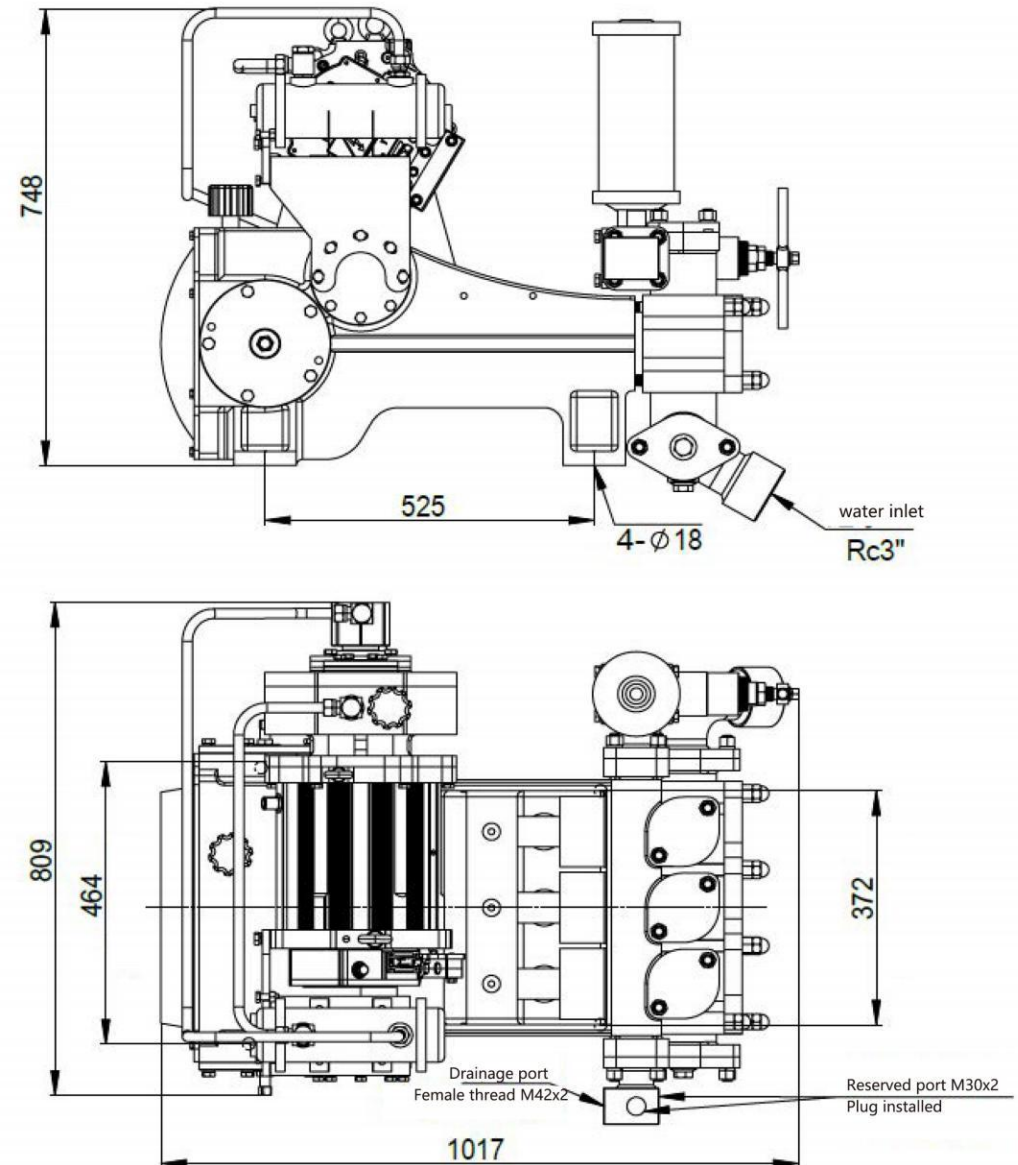


The DXBH-400E reciprocating pump is a horizontal triplex reciprocating single-acting plunger pump. It is driven by a permanent magnet synchronous motor, and is highly efficient, energy-saving, and environmentally friendly. It is mainly used in conjunction with non-excavation drilling machines of around 65 tons, and can also be used for other purposes such as grouting, mine drainage, and long-distance transportation. The pump has a wide range of flow and pressure adjustment, and can achieve constant power through remote stepless speed control by a controller. This changes the traditional manual shift operation mode and adopts new concepts and new structures. It has a compact design, easy installation and maintenance, and long service life of vulnerable parts, with stable performance.

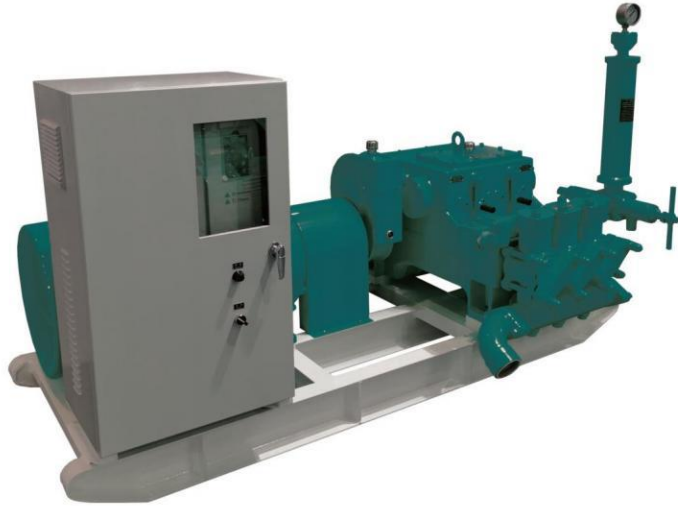
Horizontal triplex reciprocating single acting piston pump	
Stroke (mm)	80
Cylinder diameter (mm)	95
Flow (L/min)	400 ~ 200
Pressure (MPa)	4 ~ 8
Input speed (r/min)	118 ~ 235
Input power (KW)	32
Dimensions (mm)	1017×809×748
Weight (kg)	720
Hydraulic motor model	TZ210XSLG23A
Hydraulic motor pressure (MPa)	35/50
Maximum motor flow (L/min)	1700/8000

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

DXBH-400E Outline Dimension Drawing



DBW-600 (Motor Driven)

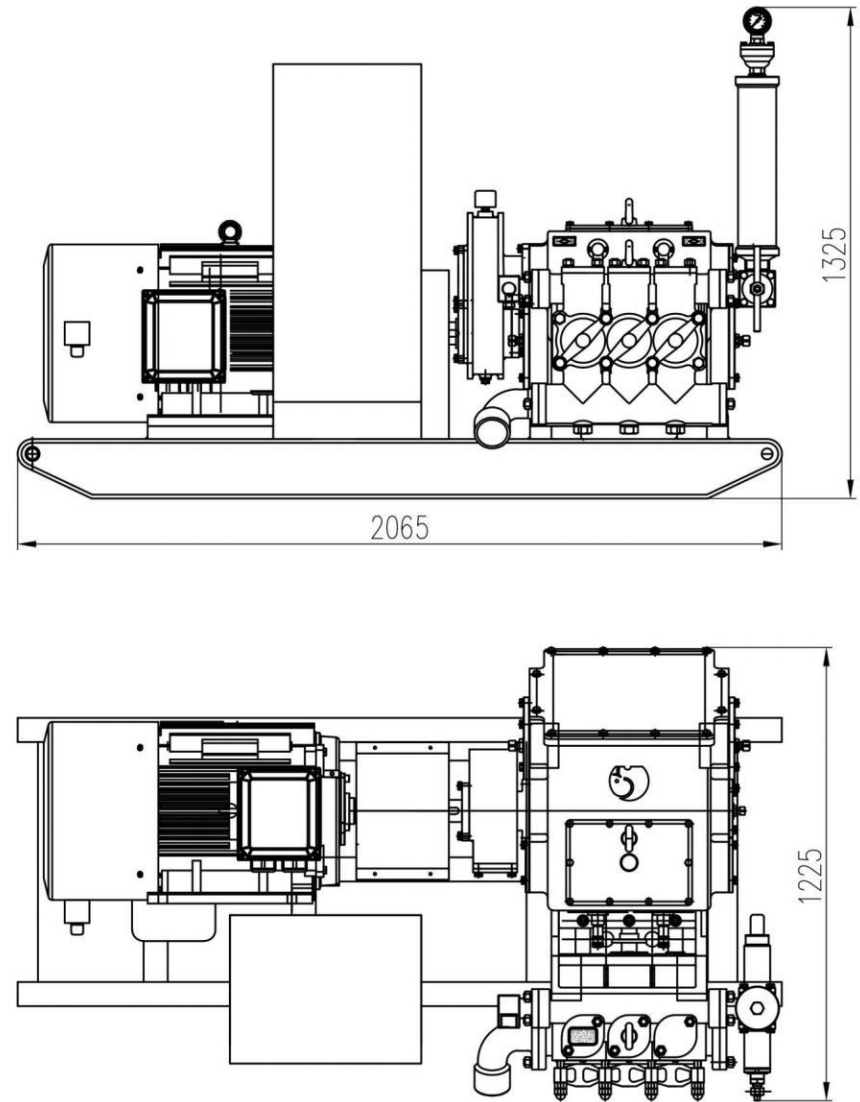


The DBW-600 reciprocating pump is a horizontal, triplex reciprocating single-acting piston pump that is driven by a variable frequency electric motor and transmitted through a coupling reducer. It is mainly used to transport flushing fluid into the borehole during geological core drilling, and can also be used for grouting, drainage, and long-distance water delivery. The pump has four flow rates and four pressures, and each gear can be infinitely adjusted through the frequency converter. The range of flow rate and pressure changes is large, which can be suitable for drilling and backhaul operations with different diameters. The design adopts new concepts, new structures, new materials, and new processes; the structure is compact, light in weight, small in size, and beautiful in appearance; it is easy to install and maintain; and it has the characteristics of high output pressure, long service life of vulnerable parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump				
Stroke (mm)	110			
Cylinder diameter (mm)	100			
Flow (L/min)	600	415	280	195
Pressure (MPa)	3.5	5	7.5	10
Input speed (r/min)	550			
Input power (KW)	42			
Dimensions (mm)	2065 × 1225 × 1325			
Weight (kg)	1280			
Motor model	YVF2 225M-4			
Motor Power (KW)	45			

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

DBW-600 Outline Dimension Drawing

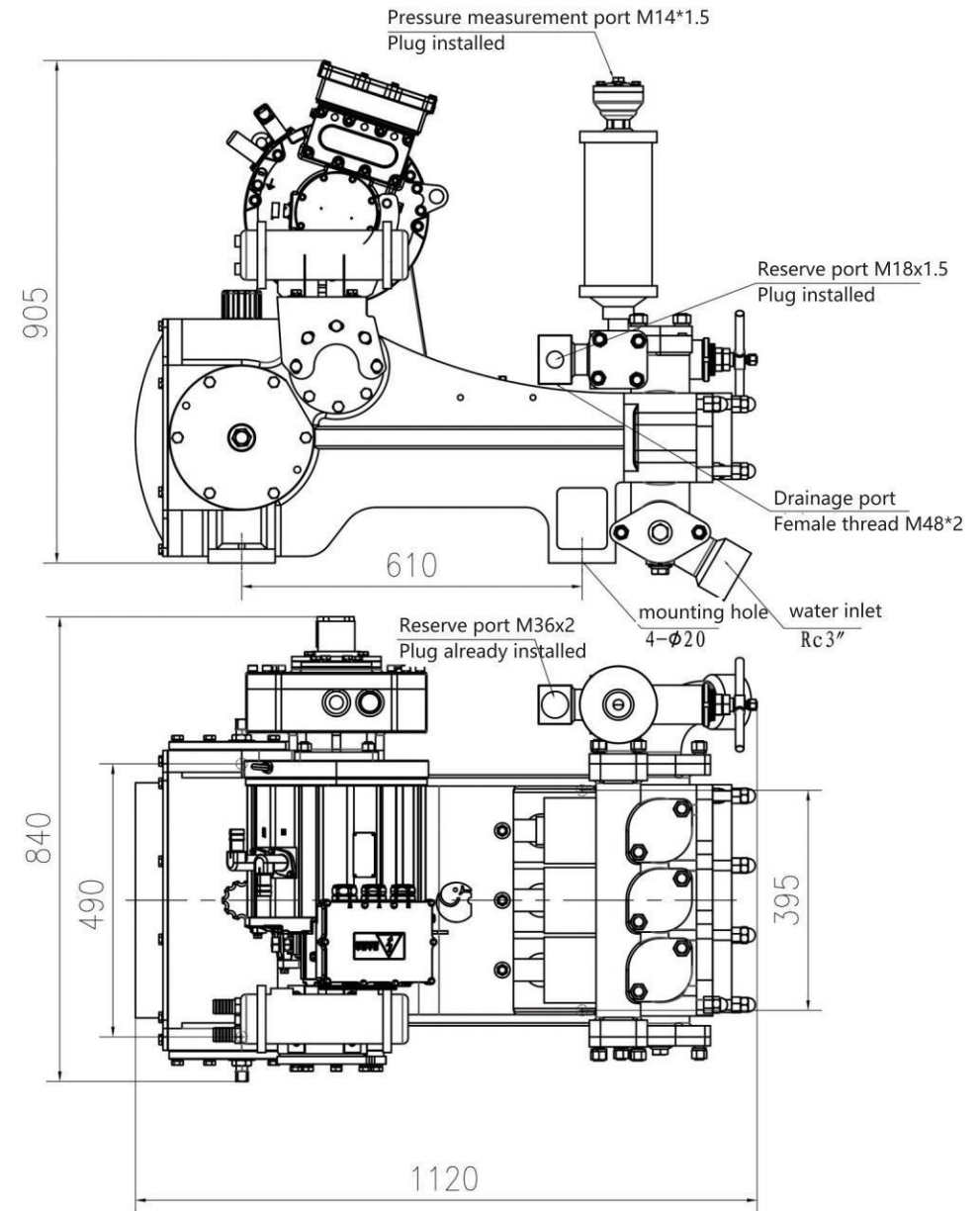




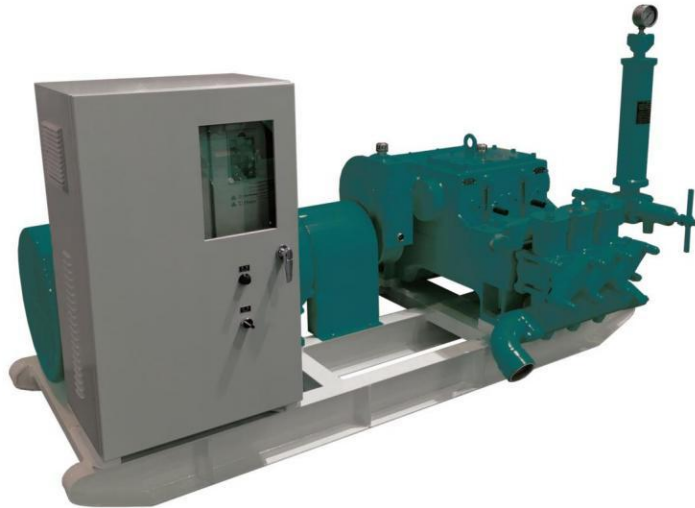
The DXBH-600E reciprocating pump is a horizontal triplex reciprocating single-acting piston pump that is driven by a permanent magnet synchronous motor for high efficiency, energy saving, and environmental protection. It is mainly used for matching with non-excavation drilling machines of around 65 tons, but can also be used for other purposes such as grouting, mine drainage, and long-distance water delivery. This pump has a large range of flow and pressure adjustment, and can achieve constant power by remote infinitely variable speed control through the controller, changing the traditional manual gear shifting operation mode. The pump adopts a new concept and a new structure, with a compact structure, beautiful appearance, convenient installation and maintenance, longer service life of vulnerable parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump	
Stroke (mm)	110
Cylinder diameter (mm)	100
Flow (L/min)	600 ~ 300
Pressure (MPa)	3.5 ~ 7
Input speed (r/min)	3500 ~ 1750
Input power (KW)	42
Dimensions (mm)	1120×1007×1017
Weight (kg)	850
Hydraulic motor model	YQW4-160Z
Hydraulic motor pressure (MPa)	55
Maximum motor flow (L/min)	3500

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.



DBW-800 (Motor Driven)

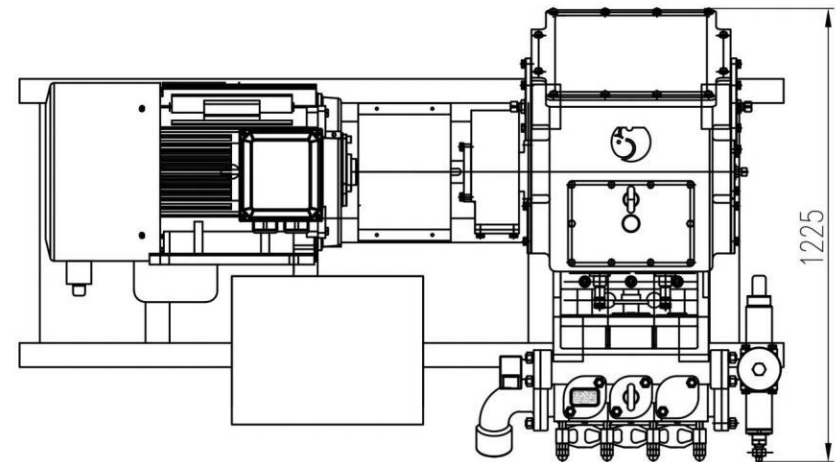
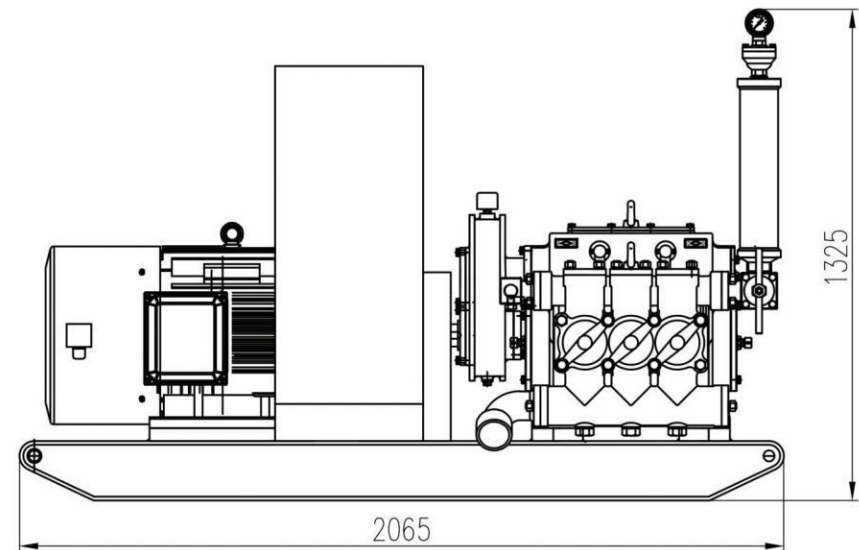


The DBW-800 reciprocating pump is a horizontal triplex reciprocating single-acting piston pump that is driven by a variable frequency electric motor and transmitted through a coupling reducer. It is mainly used to deliver flushing fluid into the borehole during geological core drilling, and can also be used for other purposes such as grouting, sewage discharge, and long-distance water delivery. The pump has four flow rates and four pressures, and all gears can be infinitely adjusted by the frequency converter. The flow and pressure range is large and can be applied to different hole sizes for drilling and backpulling. The design adopts new concepts, new structures, new materials, and new processes; the structure is compact, light in weight, small in size, and beautiful in appearance; installation and maintenance are convenient; it has the characteristics of high output pressure, long service life of vulnerable parts, and stable performance.

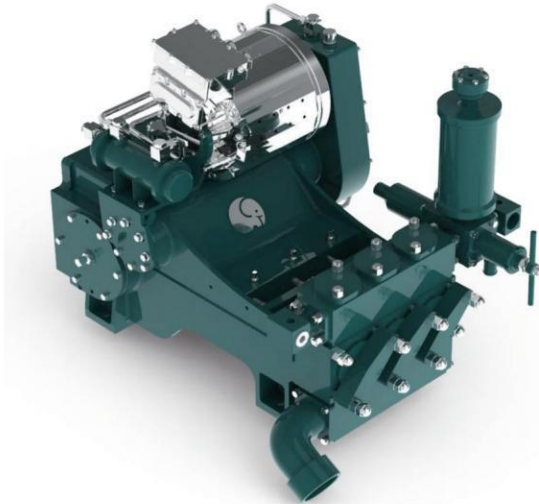
Horizontal triplex reciprocating single acting piston pump				
Stroke (mm)	135			
Cylinder diameter (mm)	110			
Flow (L/min)	800	550	370	260
Pressure (MPa)	3.5	5	7.5	10
Input speed (r/min)	500			
Input power (KW)	55			
Dimensions (mm)	2065 × 1360 × 1340			
Weight (kg)	1880			
Motor model	YVF2 250M-4			
Motor Power (KW)	55			

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

DBW-800 Outline Dimension Drawing



DXBH-800E

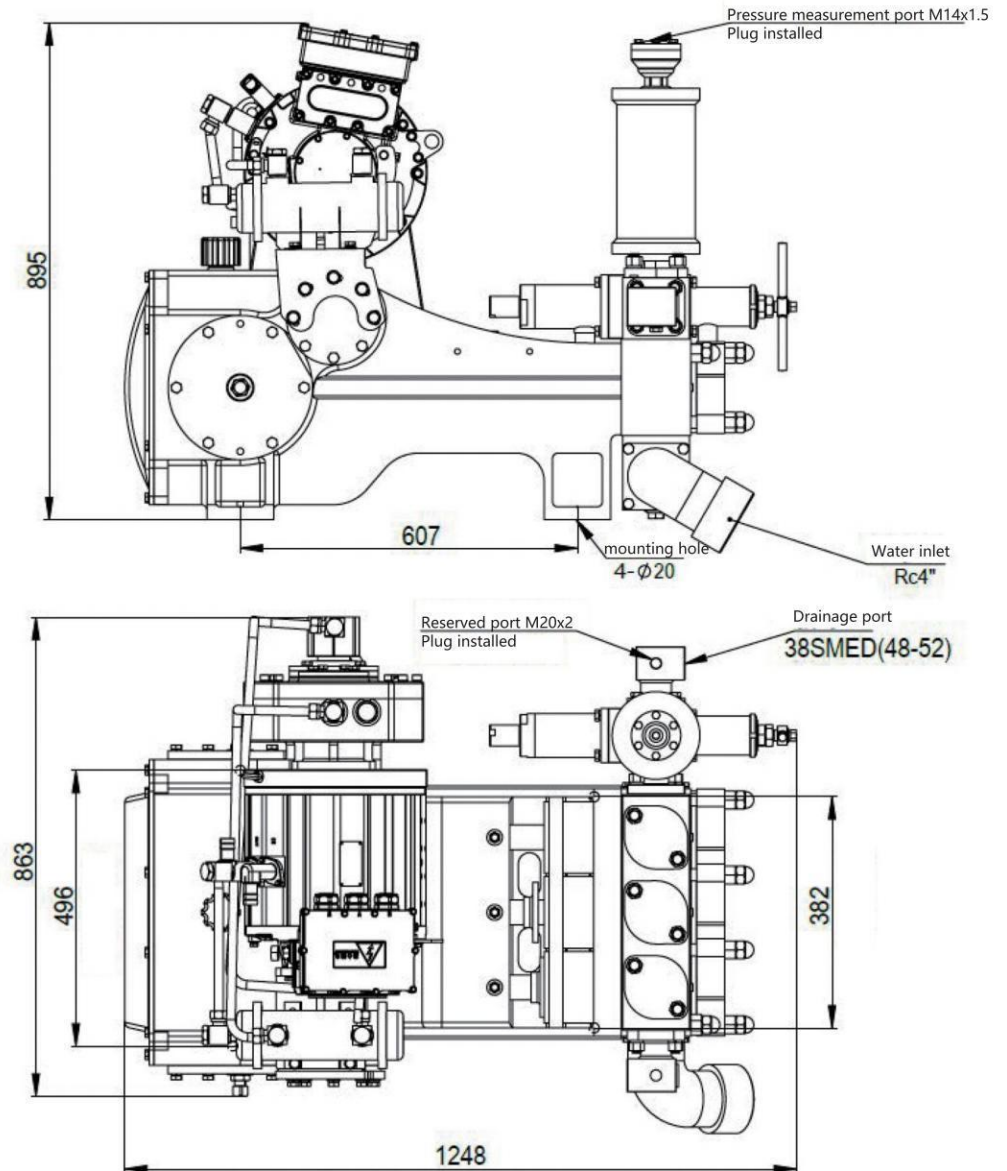


The DXBH-800E reciprocating pump is a horizontal triplex reciprocating single-acting piston pump, which is driven by a permanent magnet synchronous motor and is highly efficient, energy-saving, and environmentally friendly. It is mainly used in conjunction with non-excavation drilling machines of about 65 tons, and can also be used for other purposes such as grouting, mine drainage, and long-distance water delivery. The flow rate and pressure adjustment range of this pump is large, and it can be remotely and infinitely speed-controlled through a controller. The flow rate and pressure changes can achieve constant power, which changes the traditional manual gear shift operation mode. This pump adopts a new concept and a new structure, which is compact in structure, beautiful in appearance, easy to install and maintain, and has a longer service life of vulnerable parts and stable performance.

Horizontal triplex reciprocating single acting piston pump	
Stroke (mm)	110
Cylinder diameter (mm)	110
Flow (L/min)	800 ~ 400
Pressure (MPa)	3.5 ~ 7
Input speed (r/min)	127~ 255
Input power (KW)	55
Dimensions (mm)	1248×863×895
Weight (kg)	990
Hydraulic motor model	YQW4-160Z
Hydraulic motor pressure (MPa)	55
Maximum motor flow (L/min)	1750/3500

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

DXBH-800E Outline Dimension Drawing



DBW-850/5S

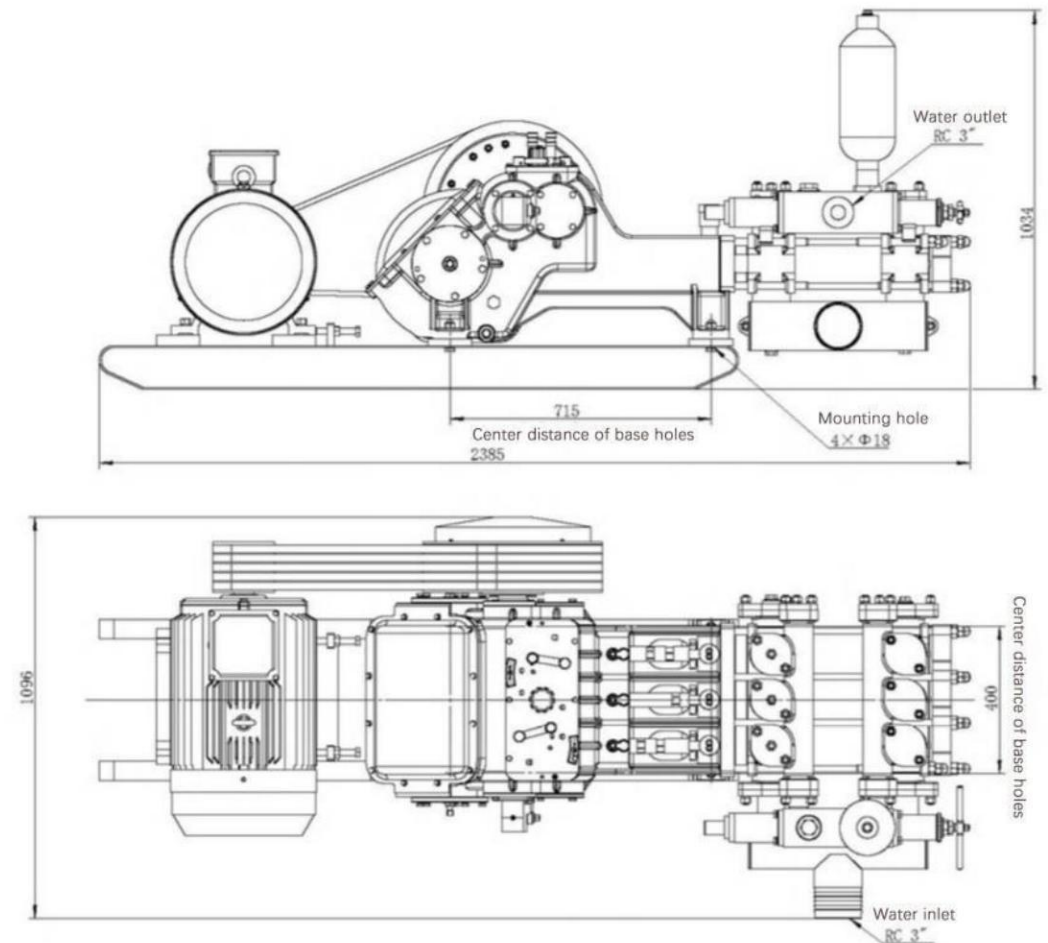


The DBW-850/5S reciprocating pump is a horizontal triplex double-acting piston pump driven by an electric motor. It is primarily used for circulating flushing fluid in geological core drilling operations, as well as for other applications such as grouting, sewage discharge, and long-distance water delivery. This pump offers four flow rates and four pressure levels, with a wide range of adjustments to accommodate drilling and pull-back operations for different borehole diameters. The design incorporates modern concepts, utilizing new structures, materials, and manufacturing techniques. It features a compact structure, lightweight construction, small footprint, and aesthetically pleasing appearance. Installation and maintenance are convenient, and the pump boasts high output pressure, extended service life for wear-prone parts, and stable performance.

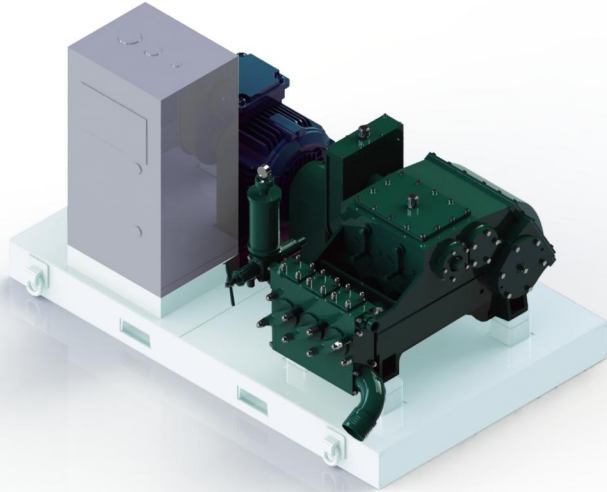
Horizontal triplex reciprocating single acting piston pump	
Stroke(mm)	110
Cylinder diameter(mm)	95
Pump speed(r/min)	203 145 103 74
Flow(L/min)	865 618 429 315.5
Pressure(Mpa)	1.8 2.5 3.5 5
Motor Power(Kw)	30
Maximum Suction Height(m)	2.5
Inlet Connection	Rc 3
Outlet Connection	M42 x 2
Dimensions(mm)	2385 x 1096 x 1034
Weight(kg)	650
Motor Model	TYC32-1750-L160M12
Drive Connection Method	Motor + Pulley

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

DBW-850/5S Outline Dimension Drawing



DBW-1000 (Motor Driven)

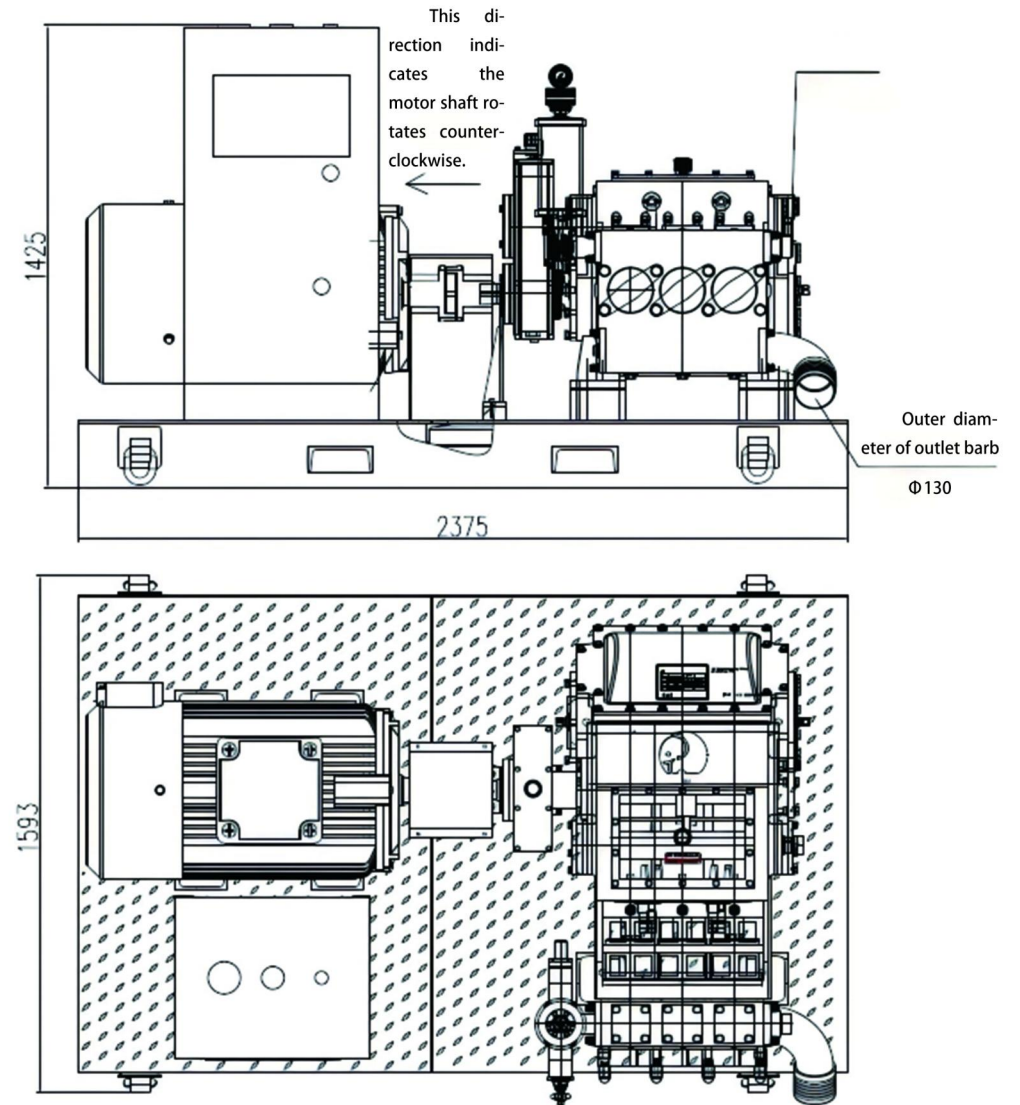


The DBW-1000 reciprocating pump is a horizontal triplex single-acting piston pump driven by an electric motor, offering high efficiency, energy savings, and environmental friendliness. Primarily designed for use with approximately 100-ton trenchless drilling rigs, it can also serve other applications such as grouting, mine drainage, and long-distance water delivery. This pump offers four flow rates and four pressure settings, featuring a wide range of flow and pressure variations to accommodate drilling and back-hauling operations across different borehole diameters. Its design incorporates innovative concepts, utilizing new structures, materials, and manufacturing techniques. It boasts a compact structure, lightweight construction, small footprint, and aesthetically pleasing appearance. Installation and maintenance are straightforward. Key characteristics include high output pressure, extended service life of wear parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump				
Stroke (mm)	140			
Cylinder diameter (mm)	115			
Pump speed (r/min)	77	118	150	230
Flow (L/min)	335	515	650	1000
Pressure (Mpa)	10	7.5	6	4
Input power (KW)	76			
Maximum input torque (N · m)	1823			
Dimensions (mm)	2375 × 1593 × 1425			
Weight (kg)	1660			
Motor model	YVF-280M-4 Variable-frequency motor			
Motor rated power (KW)	90			
Motor rated speed (r/min)	1485			

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

DBW-1000 Outline Dimension Drawing

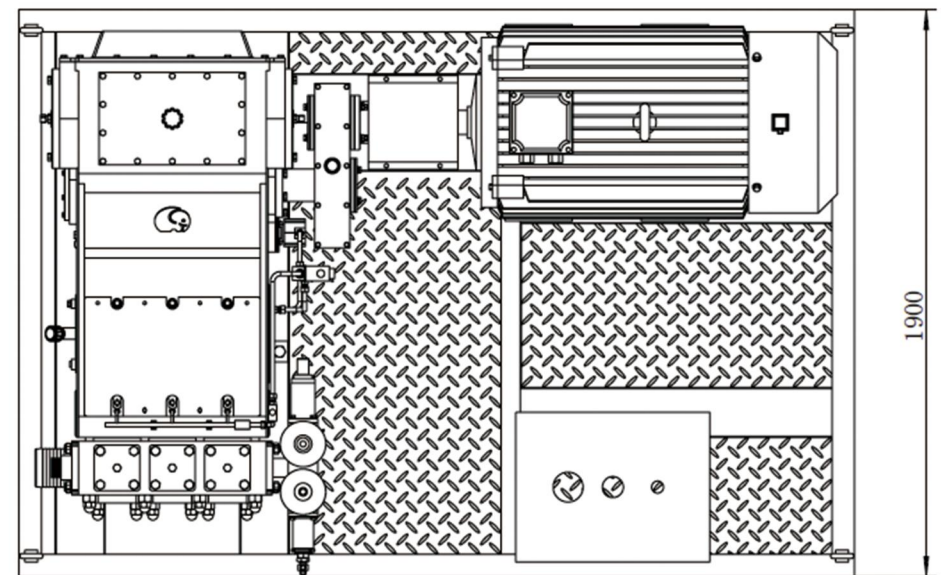
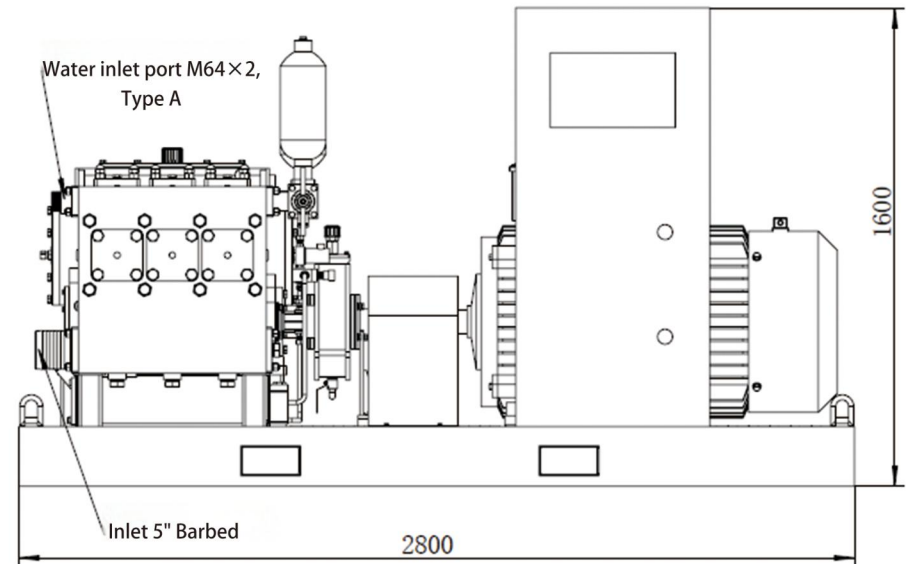


DBW-1200 (Motor Driven)



The DBW-1200 reciprocating pump is a horizontally mounted, triple-stage, single-acting piston pump driven by an electric motor. It features high efficiency, energy savings, and environmentally friendly, pollution-free operation. Primarily designed for approximately 120-ton class trenchless drilling rigs, it is also suitable for grouting, mine dewatering, long-distance water conveyance, and other applications. The pump offers a wide range of flow and pressure adjustments to accommodate drilling operations with varying borehole diameters and backfilling requirements. Incorporating innovative design concepts, it utilizes new structural configurations, materials, and manufacturing techniques, resulting in a compact structure, lightweight construction, minimal footprint, and aesthetically pleasing appearance. Installation, maintenance, and operation are straightforward, with core features including high output pressure, extended service life of wear parts, and stable, reliable performance.

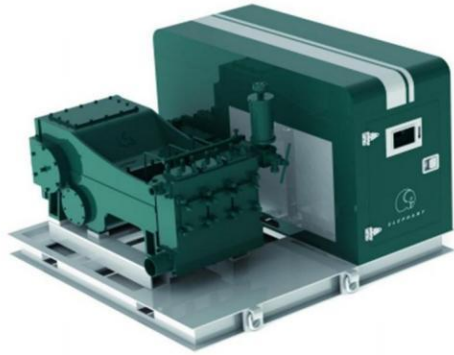
DBW-1200 Outline Dimension Drawing



Horizontal triplex reciprocating single acting piston pump

Stroke (mm)	150
Cylinder diameter (mm)	125
Pump speed (r/min)	236
Flow (L/min)	1200
Pressure (Mpa)	5
Rated speed (r/min)	1490
Motor power (KW)	132
Dimensions (mm)	2800 × 1950 × 1600
Weight (kg)	3980
Motor type	YVP-315M-4-132KW B3
Maximum water absorption height (m)	2.5

DBWH-1500



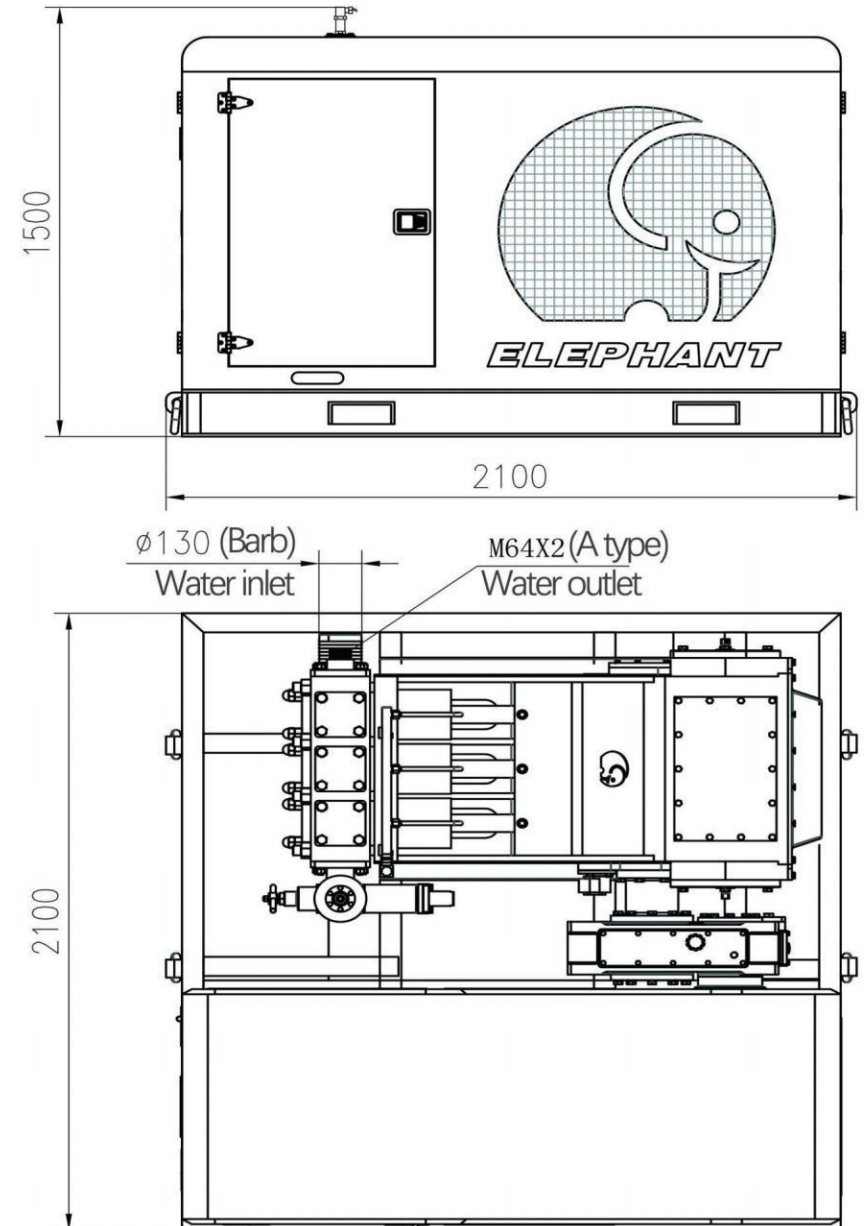
The DBWH-1500 reciprocating pump is a horizontal triplex single-acting piston pump driven by a permanent magnet synchronous motor, offering high efficiency, energy savings, and environmental friendliness. It is primarily designed for use with 150-ton trenchless drilling rigs but can also be employed for other applications such as grouting, mine drainage, and long-distance water delivery. This pump features a wide range of adjustable flow rates and pressures, enabling remote stepless speed regulation via a controller. The flow and pressure variations can maintain constant power output, replacing traditional manual gear-shifting operations. With innovative design concepts and a compact structure, the pump boasts an aesthetically pleasing appearance, easy installation and maintenance, extended service life for wear-prone parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump

Stroke(mm)	150
Cylinder diameter(mm)	140
Flow(L/min)	1500-465
Pressure(Mpa)	4-10
Rated power(Kw)	150
Dimensions(mm)	2100 × 2100 × 1500
Weight(kg)	3800
Power unit	Permanent Magnet Synchronous Motor
Transmission System	Parallel Shaft Gearbox
Control Method	Wireless and Wired Remote Control, Display Monitoring, Local Control

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

DBWH-1500 Outline Dimension Drawing



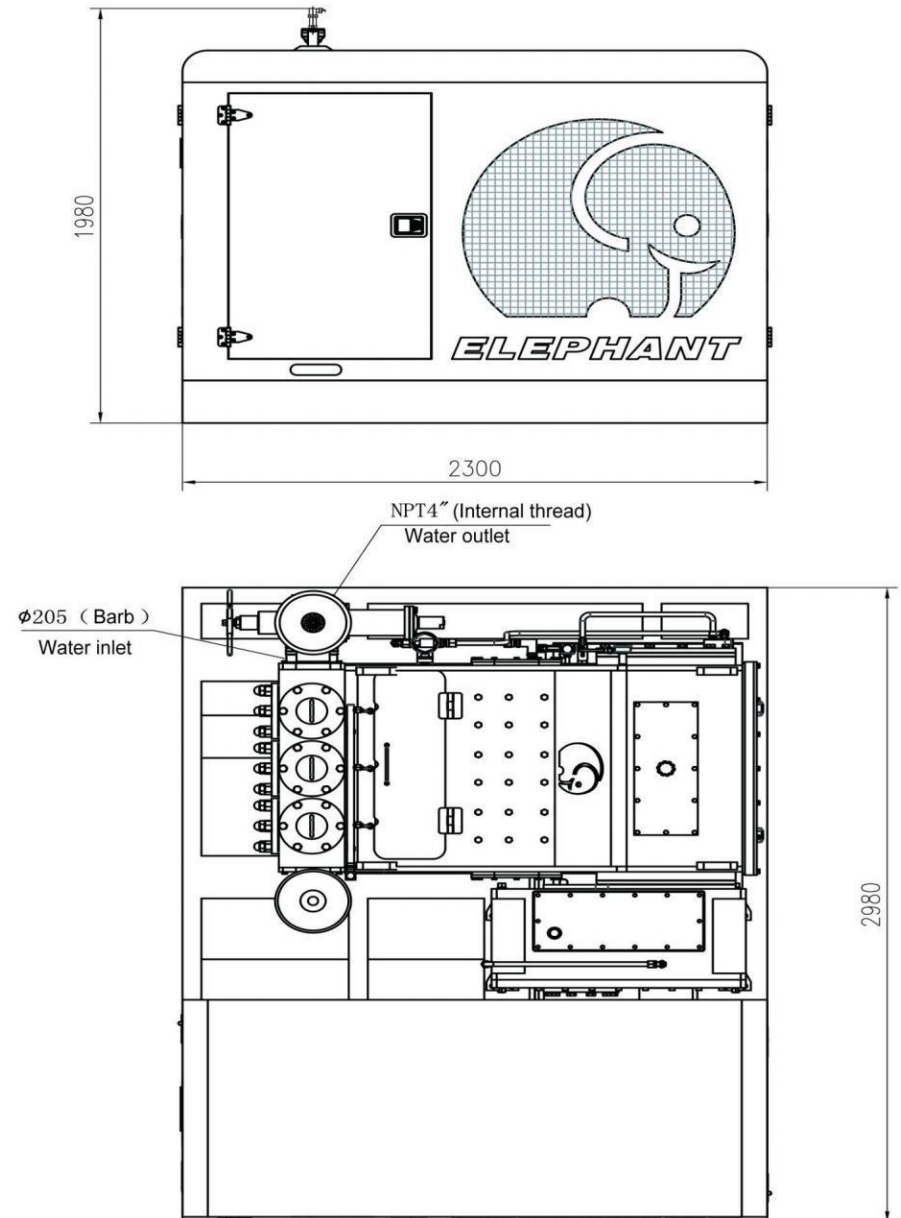
DBWH-3000



The DBWH-3000 reciprocating pump is a horizontal three-cylinder reciprocating single-acting piston pump, driven by a permanent magnet synchronous motor, which is highly efficient, energy-saving, and environmentally friendly. It is primarily used in conjunction with approximately 500-ton trenchless drilling rigs, and can also be utilized for other applications such as grouting, mine drainage, and long-distance water delivery. The pump offers a wide range of flow and pressure regulation, with remote stepless speed control via a controller, allowing for constant power output with changes in flow and pressure, thereby transforming the traditional manual gear-shifting operation mode. The pump incorporates new concepts and structures; it is compact in design, aesthetically pleasing, easy to install and maintain, with a longer lifespan for wear parts and stable performance.

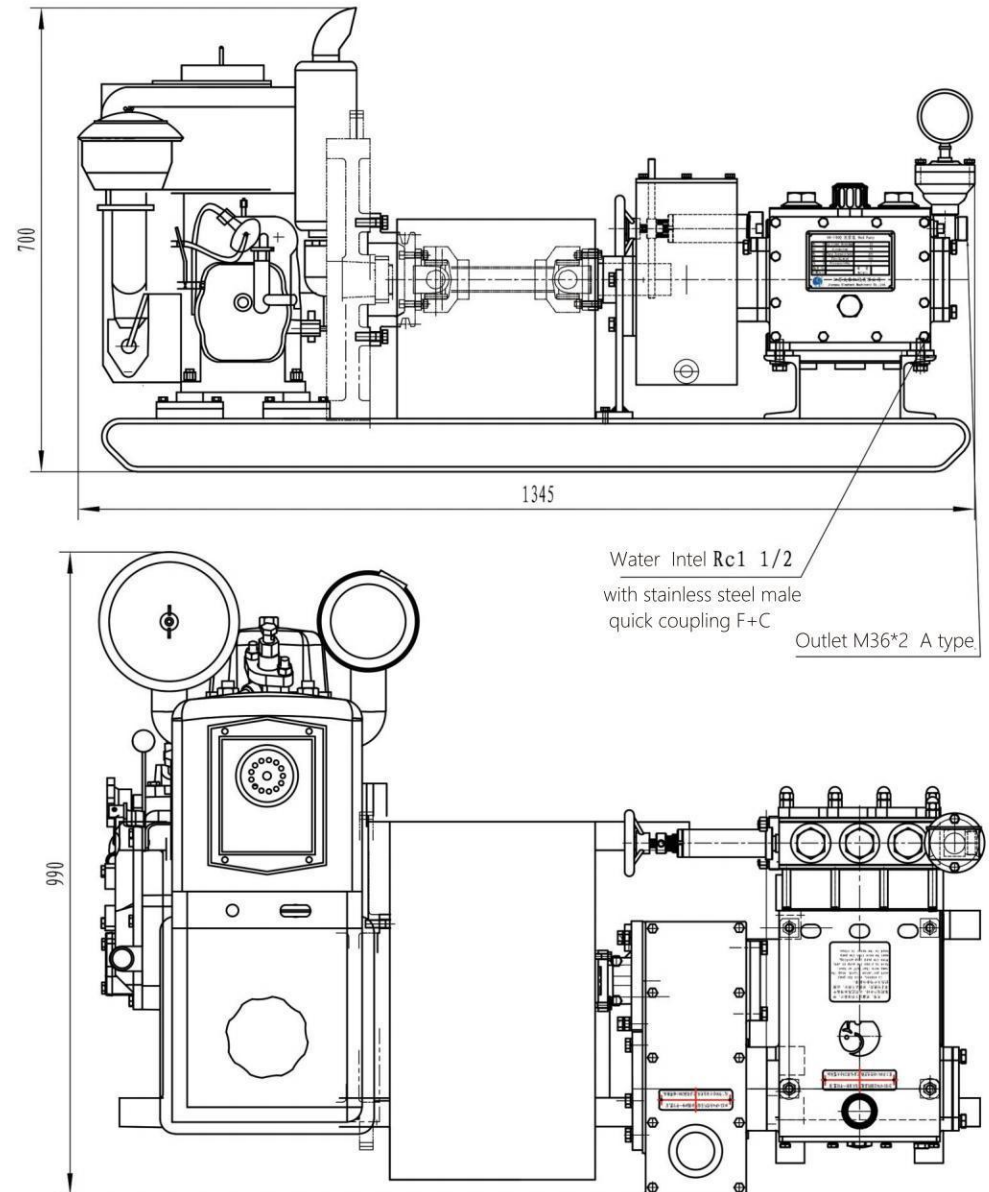
Horizontal triplex reciprocating single acting piston pump	
Stroke (mm)	175
Cylinder diameter (mm)	200
Flow (L/min)	3000-1500
Pressure (MPa)	5-10
Rated power (KW)	300
Dimensions (mm)	2980 × 2300 × 1980
Weight (kg)	7200
Rated speed (r/min)	3500
Motor model	Permanent Magnet Synchronous Motor
Control mode	Wireless, wired remote control and display monitoring, local control

DBWH-3000 外形尺寸简图





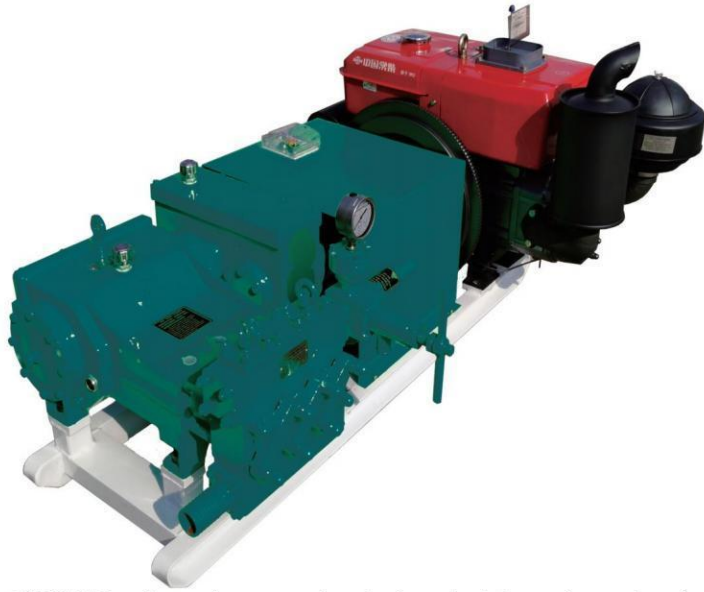
The CBW-100Q reciprocating pump is a horizontal triplex reciprocating single-acting piston pump, driven by a single-cylinder diesel engine and transmitted through a reduction gearbox with a coupling. It is mainly used to convey flushing fluid into the borehole during geological core drilling, and can also be used for grouting, sewage discharge, and long-distance water delivery for other purposes. It can be used for drilling and backout with different diameters. The design adopts new concepts, new structures, new materials, and new processes; it is compact in structure, light in weight, small in size, and aesthetically pleasing; it is easy to install and maintain; and it has the characteristics of high output pressure, long service life of vulnerable parts, and stable performance.



Horizontal triplex reciprocating single acting piston pump		
Stroke (mm)		48
Cylinder diameter (mm)		55
Flow (L/min)		100
Pressure (MPa)		7
Input speed (r/min)		295
Input power (kw)		14
Dimensions (mm)		1345 × 990 × 700
Weight (kg)		415
Diesel engine model		ZS1115
Diesel Engine Power (KW)		16

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

CBW-105Q

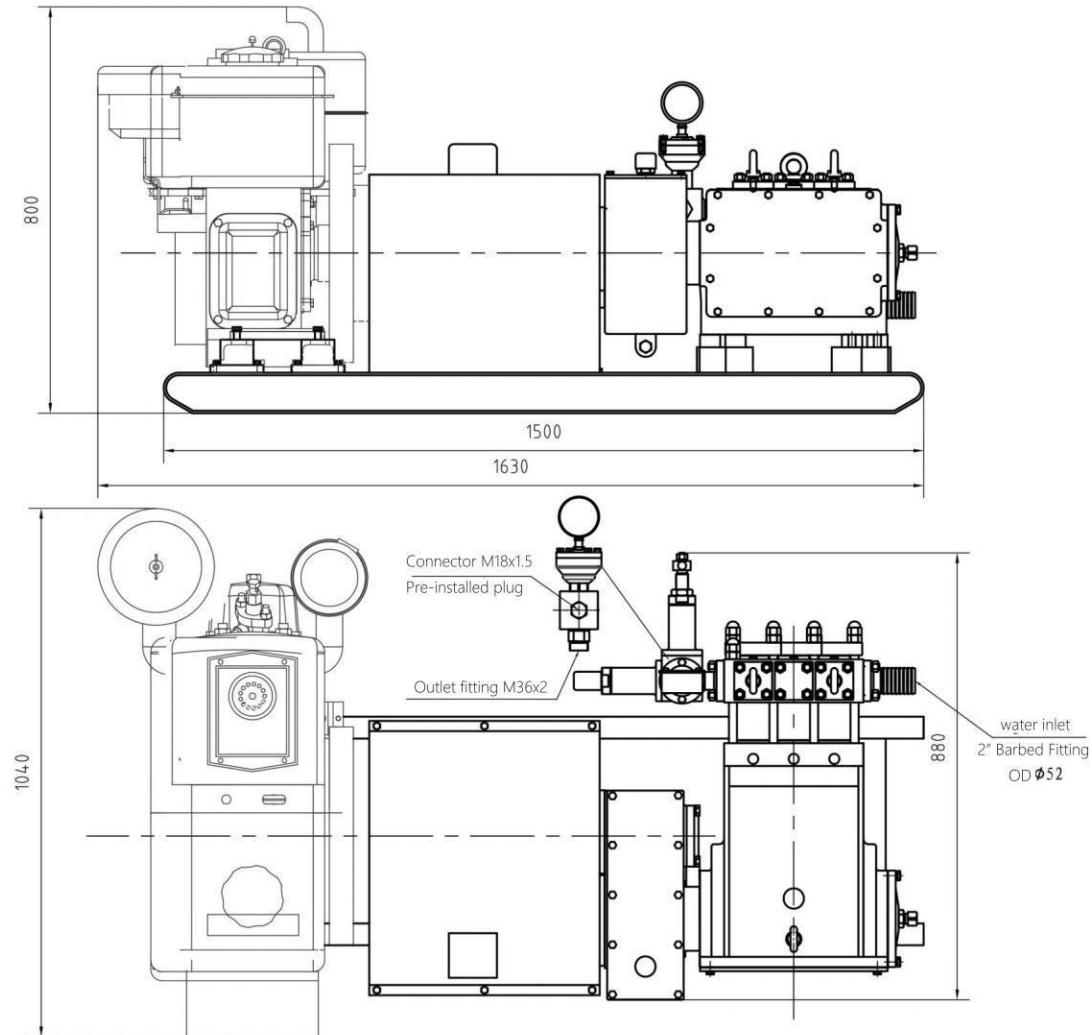


The CBW-105Q reciprocating pump is a horizontal triplex reciprocating single-acting piston pump, driven by a single-cylinder diesel engine and transmitted through a coupling reducer. It is mainly used to deliver flushing fluid to the borehole during geological core drilling, and can also be used for grouting, sewage discharge, and long-distance water delivery in other applications. It can be adapted to different borehole diameters for drilling and backfilling. The design incorporates new concepts, new structures, new materials, and new processes; with compact structure, light weight, small size, and beautiful appearance; installation and maintenance are convenient; it has the characteristics of high output pressure, longer service life of vulnerable parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump	
Stroke (mm)	60
Cylinder diameter (mm)	50
Flow (L/min)	105
Pressure (MPa)	10
Input speed (r/min)	300
Input power (kw)	21
Dimensions (mm)	1630 × 1040 × 800
Weight (kg)	600
Diesel engine model	L32
Diesel Engine Power (KW)	23

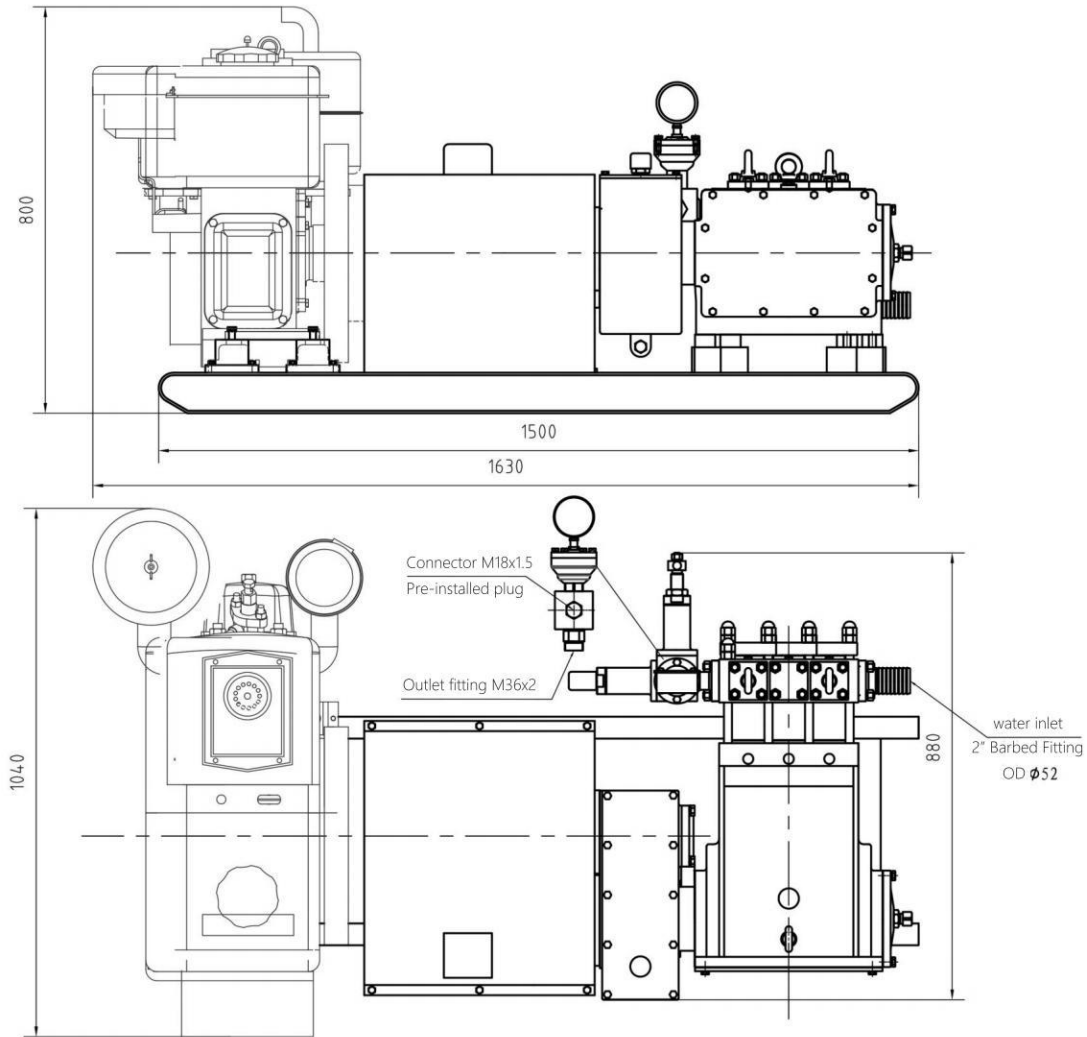
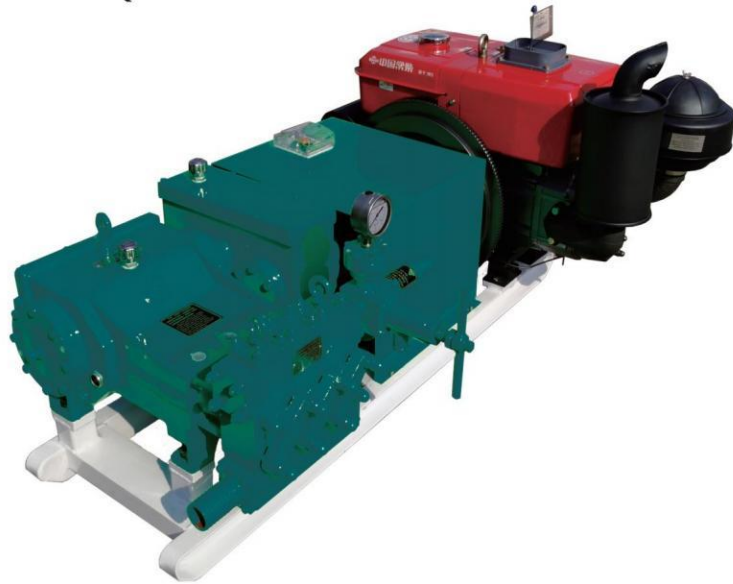
The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

CBW-105Q Outline Dimension Drawing



CBW-150Q

CBW-150Q Outline Dimension Drawing

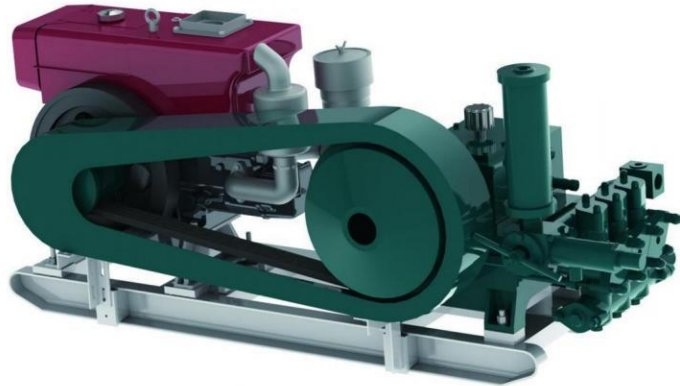


CBW-150Q reciprocating pump is a horizontal triplex reciprocating single-acting piston pump driven by a single-cylinder diesel engine and transmitted through a coupling reducer. It is mainly used to transport flushing fluid into the borehole during geological core drilling, and can also be used for other applications such as grouting, sewage discharge, and long-distance water delivery. It can be adapted to drilling and back-pulling of different diameters. In terms of design, new concepts, new structures, new materials, and new processes are adopted. The structure is compact, lightweight, small in size, and beautiful in appearance. It is easy to install and maintain, with high output pressure, long service life of vulnerable parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump	
Stroke (mm)	60
Cylinder diameter (mm)	60
Flow (L/min)	150
Pressure (MPa)	7
Input speed (r/min)	295
Input power (kw)	21
Dimensions (mm)	1630 × 1040 × 800
Weight (kg)	600
Diesel engine model	L32
Diesel Engine Power (KW)	23

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

CBWF-250

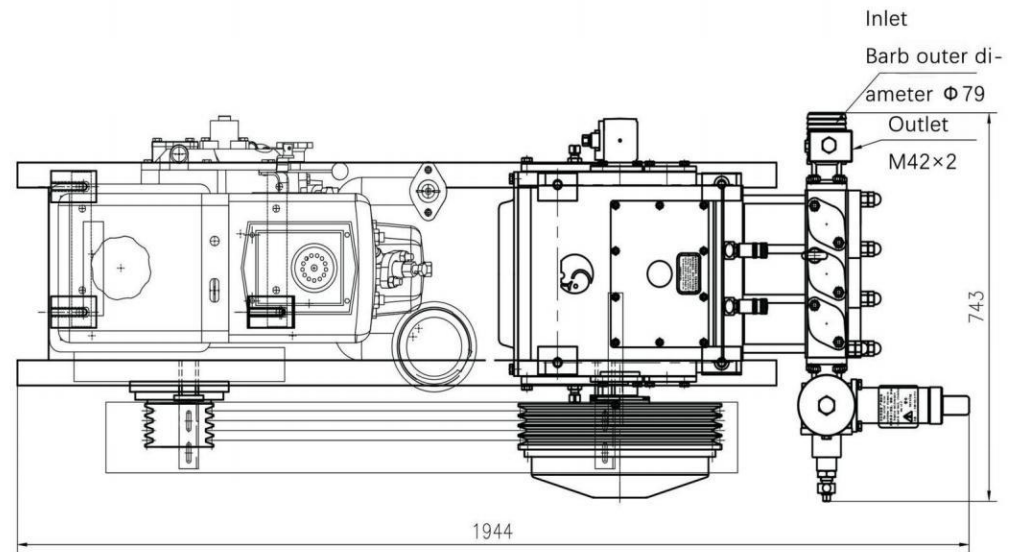
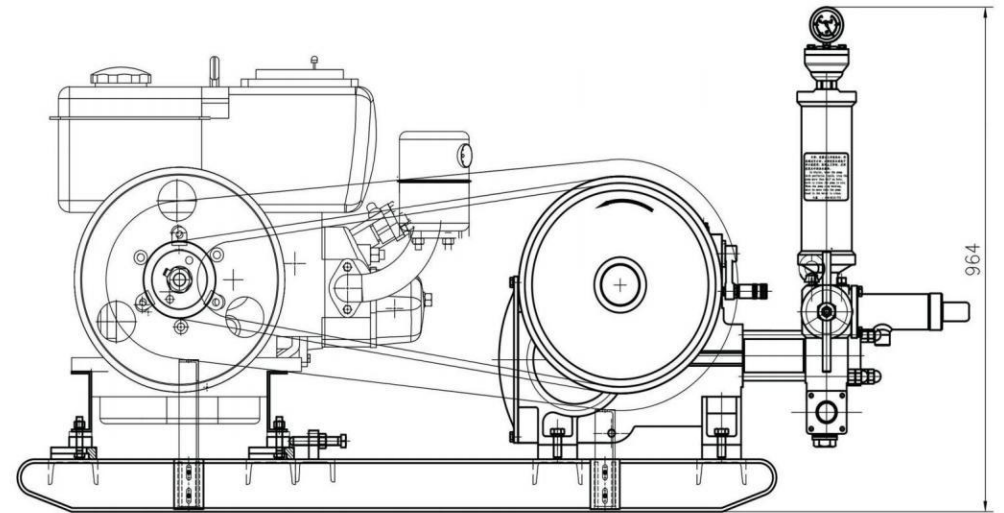


The CBWF-250 reciprocating pump is a horizontal triplex single-acting piston pump, driven by a single-cylinder diesel engine with a pulley clutch transmission. It is primarily used for geological exploration, grouting, mine drainage, long-distance water delivery, and other applications. This pump offers four flow rates and four pressure levels, with a wide range of flow and pressure variations, making it suitable for drilling and pullback operations in different borehole sizes. The design incorporates modern concepts, utilizing new structures, materials, and manufacturing techniques. It features a compact structure, lightweight, small footprint, and aesthetically pleasing appearance. Additionally, it is easy to install and maintain, with advantages such as high output pressure, extended service life of wear-prone parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump				
Stroke(mm)	70			
Cylinder diameter(mm)	75			
Flow(L/min)	250	158	100	69
Pressure(Mpa)	2.5	4	6	9
Input speed(r/min)	727			
Rated power(Kw)	14			
Dimensions(mm)	1944×743×964			
Weight(kg)	600			
Diesel engine model	ZS1115			
Diesel engine power(KW)	16.2			
Diesel engine rated speed(r/min)	2200			

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

CBWF-250 Outline Dimension Drawing



CBW-450/5A (Diesel engine power)

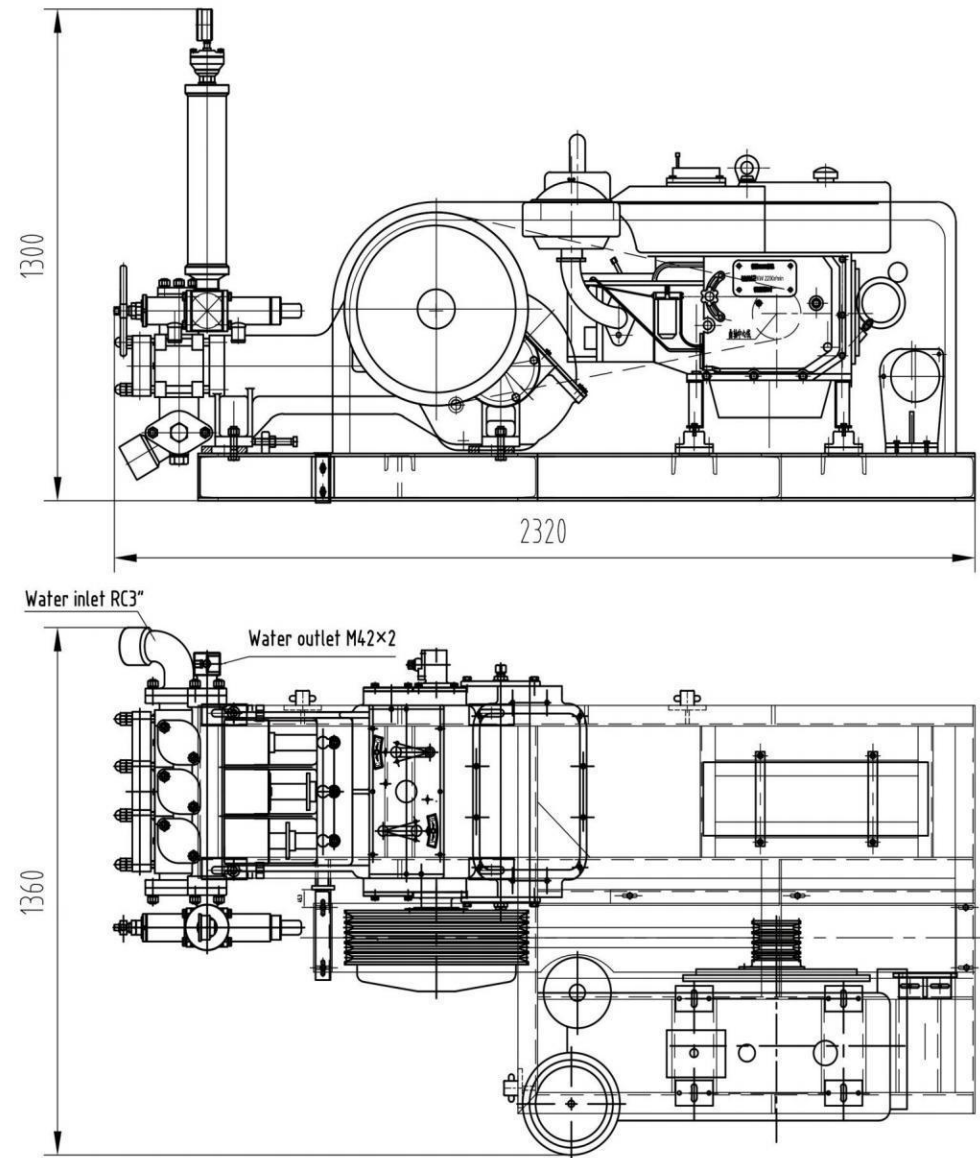


CBW-450/5A reciprocating pump is a horizontal triplex reciprocating single-acting piston pump, which is driven by a single-cylinder diesel engine and belt-driven. It is mainly used for geological exploration, grouting, mine drainage, and long-distance water delivery. The pump has four flow rates and four pressures, with a wide range of flow and pressure changes, suitable for drilling and backwashing with different bore diameters. In design, new concepts, new structures, new materials, and new processes are widely used; the structure is compact, light in weight, small in size, and beautiful in appearance; installation and maintenance are convenient; it has the characteristics of high output pressure, long service life of vulnerable parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump				
Stroke (mm)	110			
Cylinder diameter (mm)	95			
Flow (L/min)	450	320	230	160
Pressure (MPa)	2	3	4	5
Input speed (r/min)	490			
Dimensions (mm)	2320 × 1360 × 1300			
Weight (kg)	1100			
Diesel engine model	L32M			
Diesel Engine Power (KW)	23			
Rated speed (r/min)	2000			

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

CBW-450/5A Outline Dimension Drawing





CBW-600 (Diesel engine power)



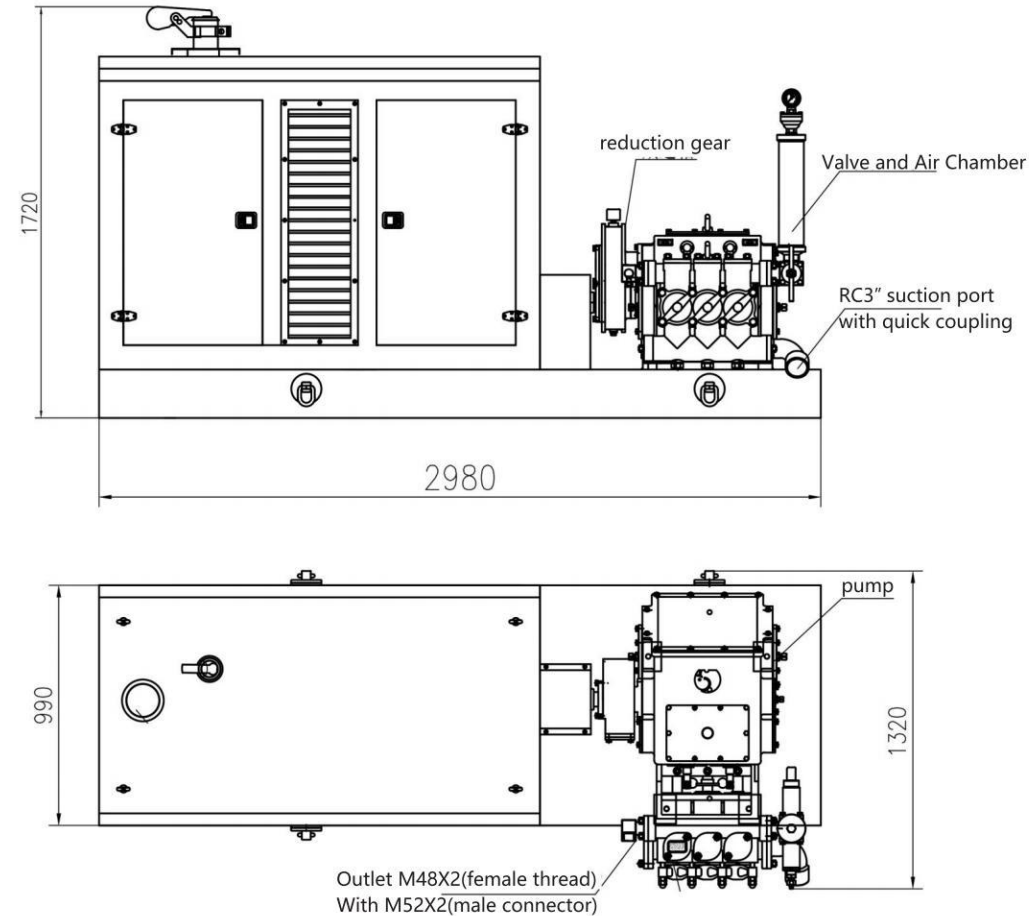
The CBW-600 reciprocating pump is a horizontal triplex reciprocating single-acting piston pump, driven by a diesel engine, using a reduction box to replace the traditional belt pulley transmission, and wireless remote pneumatic control clutch. It is mainly used in conjunction with non-excavation drilling rigs of about 70 tons, and can also be used for other injection grouting, mine drainage, and long-distance water delivery applications. The pump has four flow rates and four pressures, with a large range of flow and pressure changes, which can be suitable for drilling and backflushing of different diameters. In design, new concepts, structures, materials, and processes are adopted. The pump has a compact structure, light weight, small size, and beautiful appearance, making installation and maintenance convenient. It features high output pressure, long service life of vulnerable parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump				
Stroke (mm)	110			
Cylinder diameter (mm)	100			
Flow (L/min)	600	415	280	195
Pressure (MPa)	3.5	5	7.5	10
Input speed (r/min)	550			
Dimensions (mm)	2980 × 1320 × 1720			
Weight (kg)	2200			
Diesel engine model	4BTA3.9			
Diesel Engine Power (KW)	60			
Rated speed (r/min)	1500			

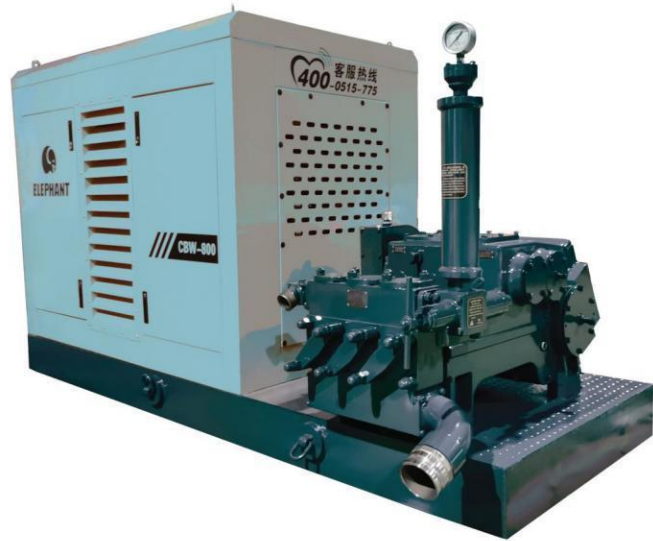
The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.



CBW-600 Outline Dimension Drawing



CBW-800 (Diesel engine power)

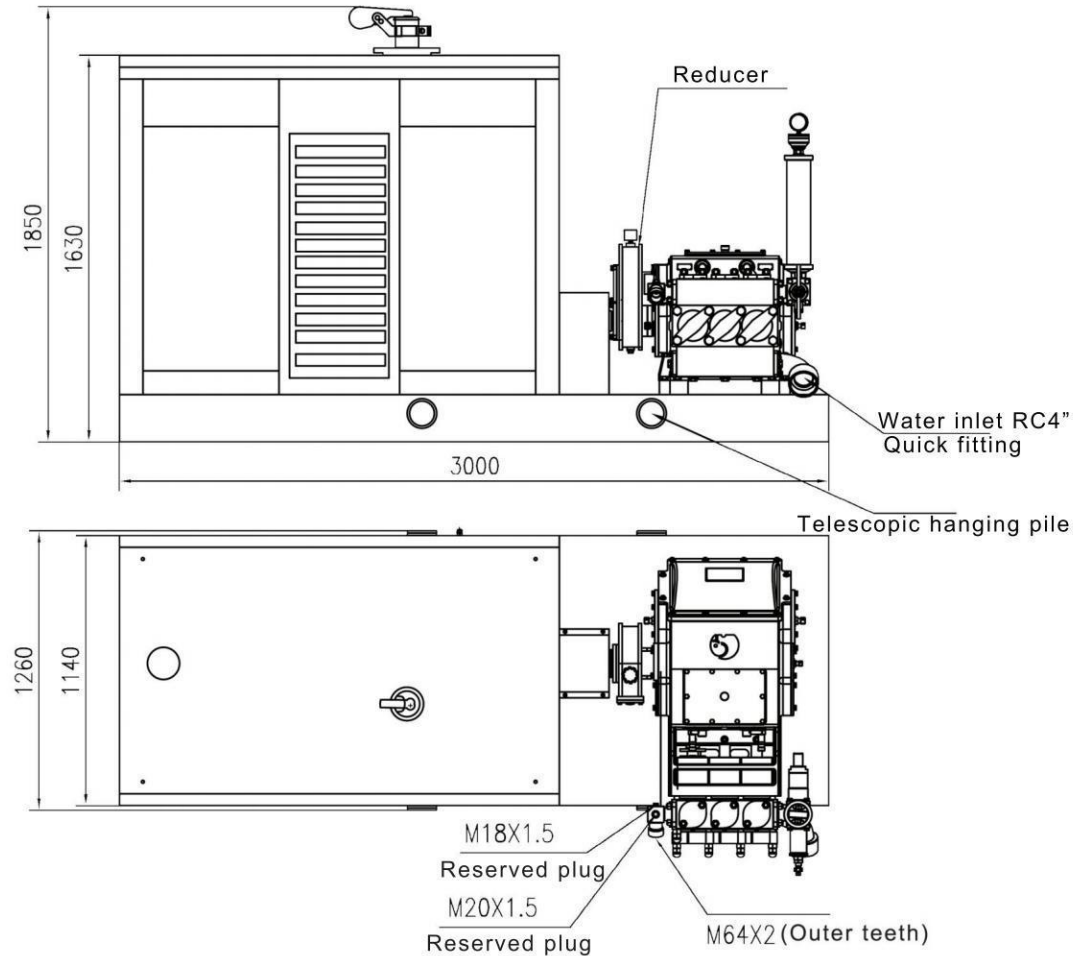


The CBW-800 reciprocating pump is a horizontal triplex reciprocating single-acting piston pump, driven by a diesel engine and using a gearbox instead of traditional belt wheel transmission. It has a wireless remote pneumatic control clutch. It is mainly designed to be used with non-excavation drilling rigs of around 90 tons, and can also be used for grouting, mine drainage and long-distance water delivery. The pump has four flow rates and four pressures, with a wide range of flow and pressure changes suitable for different hole drilling and backfilling. The design embodies new concepts and uses new structures, materials, and processes, with a compact structure, light weight, small size, and beautiful appearance. It is easy to install and maintain and has high output pressure, long service life of vulnerable parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump				
Stroke (mm)	135			
Cylinder diameter (mm)	110			
Flow (L/min)	800	550	370	260
Pressure (MPa)	3.5	5	7.5	10
Input speed (r/min)	55			
Dimensions (mm)	3000 × 1260 × 1850			
Weight (kg)	2420			
Diesel engine model	QSB3.9-P110			
Diesel Engine Power (KW)	79			
Rated speed (r/min)	1400			

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

CBW-800 Outline Dimension Drawing



CBW-1000 (Diesel engine power)

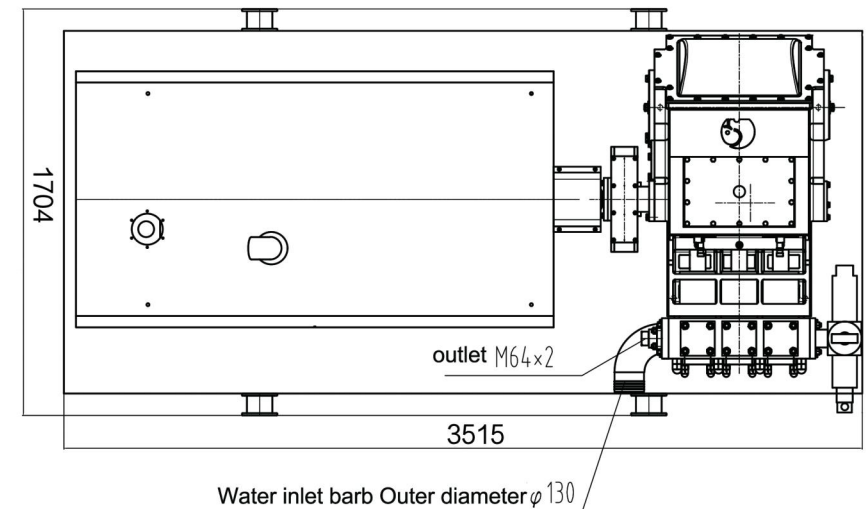
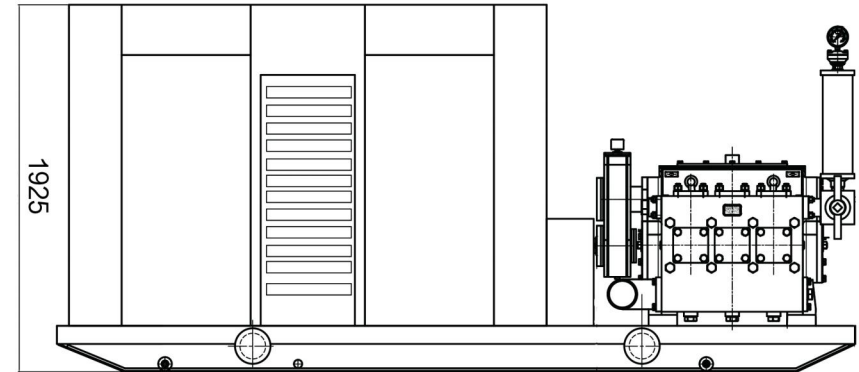


The CBW-1000 reciprocating pump is a horizontal triplex reciprocating single-acting piston pump, driven by a diesel engine and using a gearbox instead of a traditional belt wheel transmission, with a wireless remote pneumatic control clutch. It is mainly used with non-excavation drilling rigs of around 100 tons, and can also be used for other purposes such as grouting, mine drainage, and long-distance water delivery. The pump has four different flow rates and four different pressures, with a wide range of flow rate and pressure changes, making it suitable for different borehole drilling and retreat. The design adopts new concepts, new structures, new materials, and new technologies, featuring a compact structure, light weight, small size, beautiful appearance, and convenient installation and maintenance. It also has the characteristics of high output pressure, long service life of vulnerable parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump	
Stroke (mm)	140
Cylinder diameter (mm)	115
Flow (L/min)	1000 650 515 335
Pressure (MPa)	4 6 7.5 10
Input speed (r/min)	80
Dimensions (mm)	3515×1704×1925
Weight (kg)	3300
Diesel engine model	QSB5.9-P130
Diesel Engine Power (KW)	96
Rated speed (r/min)	1500

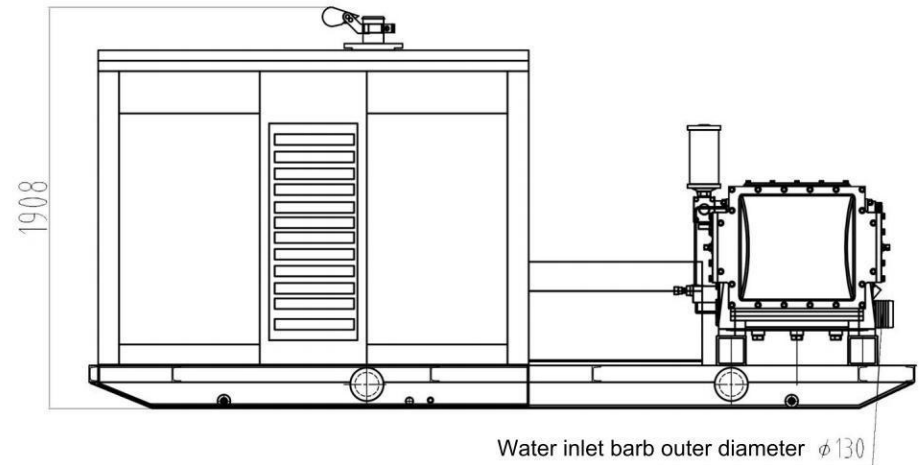
The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

CBW-1000 Outline Dimension Drawing



CBW-1200 (Diesel engine power)

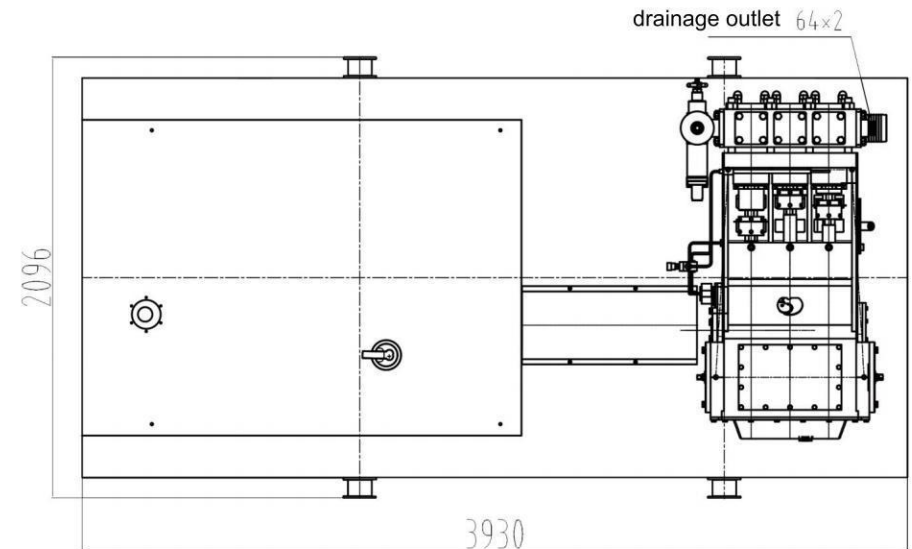
CBW-1200 Outline Dimension Drawing



CBW-1200 reciprocating pump is a horizontal triplex reciprocating single-acting plunger pump driven by a diesel engine, equipped with an automatic transmission and wireless remote control. It is mainly used in conjunction with non-excavation drilling rigs of around 150 tons, but can also be used for grouting, mine drainage, and long-distance water delivery in other applications. The pump has five flow rates and five pressures, with a wide range of flow and pressure changes that can accommodate different drill hole diameters and back pressures. In design, new concepts, structures, materials, and processes are adopted, with a compact structure, light weight, small size, and pleasing appearance. Installation and maintenance are convenient, and the pump features high output pressure, long service life for vulnerable parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump	
Stroke (mm)	150
Cylinder diameter (mm)	120
Flow (L/min)	1200 890 660 485 363
Pressure (MPa)	4.5 6 8 10 12
Input speed (r/min)	100
Dimensions (mm)	3930 × 2096 × 1908
Weight (kg)	4180
Diesel engine model	QSB5.9-C180
Diesel Engine Power (KW)	132
Rated speed (r/min)	1800

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.



CBWH-1200 (Diesel engine power)

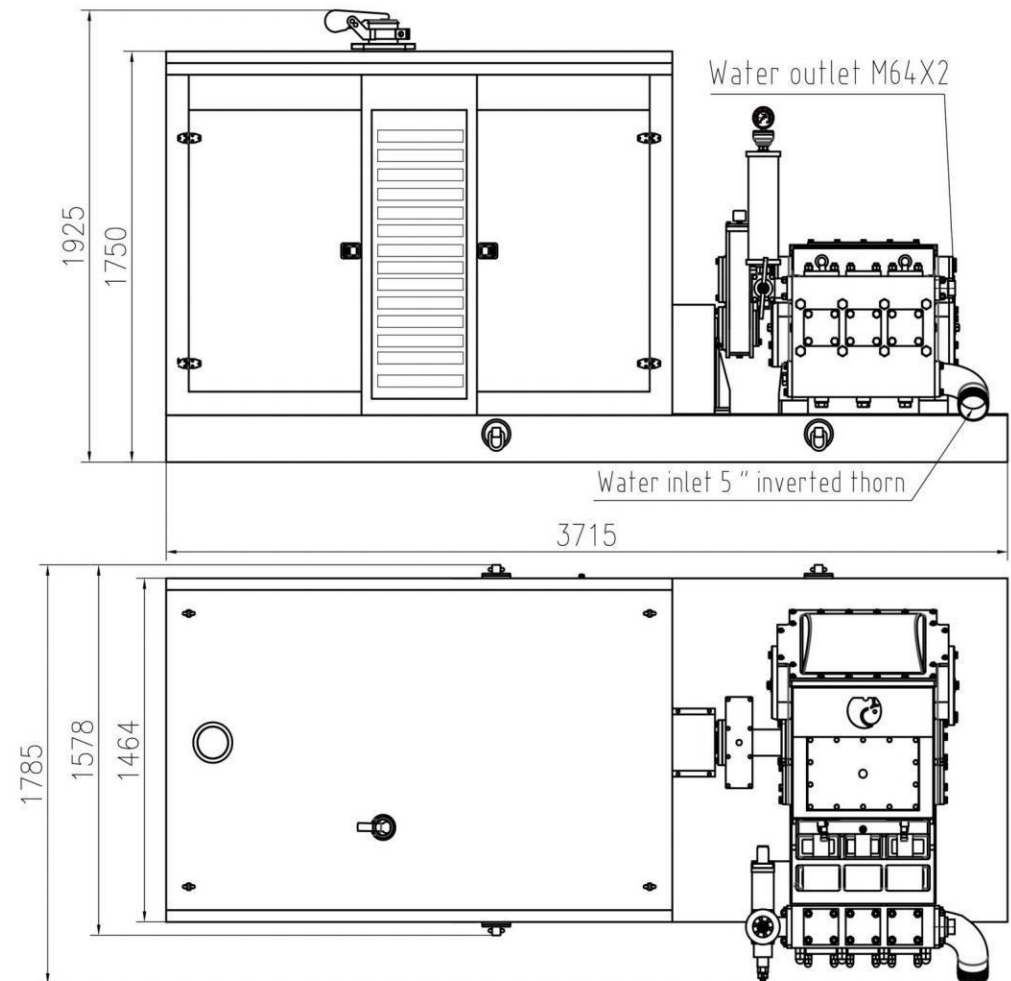


CBWH-1200 reciprocating pump is a horizontal triplex reciprocating single-acting piston pump, driven by diesel engine and using a reduction gearbox to replace the traditional belt pulley transmission, with wireless remote pneumatic control clutch. It is mainly used in conjunction with non-excavation drilling rigs of about 150 tons, and can also be used for other purposes such as grouting, mine drainage, and long-distance water delivery. The pump has four flow rates and four pressures, with a wide range of flow and pressure changes, and can be used for drilling and backfilling with different diameters. The design adopts new concepts, new structures, new materials, and new processes; the structure is compact, lightweight, small in size, and beautiful in appearance; easy to install and maintain; it has the characteristics of high output pressure, long service life of vulnerable parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump				
Stroke (mm)	150			
Cylinder diameter (mm)	125			
Flow (L/min)	1200	779	600	385
Pressure (MPa)	4	6	8	10
Input speed (r/min)	96			
Dimensions (mm)	3715 × 1785 × 1925			
Weight (kg)	3700			
Diesel engine model	QSB5.9-P160			
Diesel Engine Power (KW)	120			
Rated speed (r/min)	1500			

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

CBWH-1200 Outline Dimension Drawing





CBW-1500 (Diesel engine power)



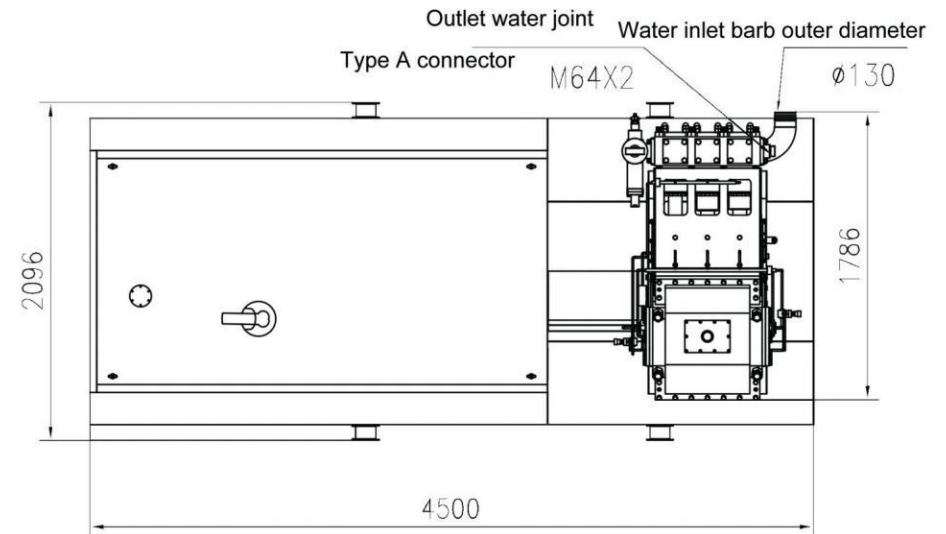
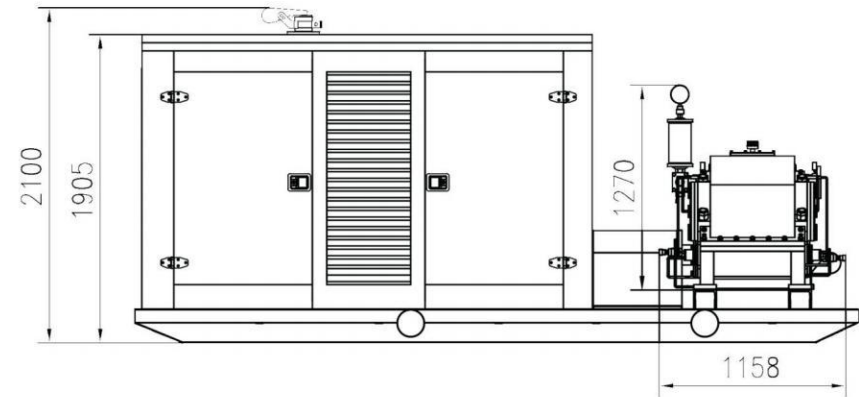
The CBW-1500 reciprocating pump is a horizontal triplex reciprocating single-acting plunger pump, driven by a diesel engine and equipped with an automatic transmission and wireless remote control. It is mainly used in conjunction with non-excavation drilling rigs weighing around 210 tons, and can also be used for other purposes such as grouting, mine drainage, and long-distance water transportation. The pump has five flow rates and five pressures, with a wide range of flow and pressure changes, making it suitable for drilling and backfilling of different diameters. It adopts new ideas, new structures, new materials, and new processes in design; the structure is compact, light in weight, small in size, and aesthetically pleasing; installation and maintenance are convenient; and it features high output pressure, long service life of vulnerable parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump	
Stroke (mm)	150
Cylinder diameter (mm)	135
Flow (L/min)	1500 979 728 557 373
Pressure (MPa)	5 7.5 10 13 15
Input speed (r/min)	160
Dimensions (mm)	4500 × 2096 × 2100
Weight (kg)	5980
Diesel engine model	QSC8.3-C260
Diesel Engine Power (KW)	194
Rated speed (r/min)	1700

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.



CBW-1500 Outline Dimension Drawing



CBW-1500H



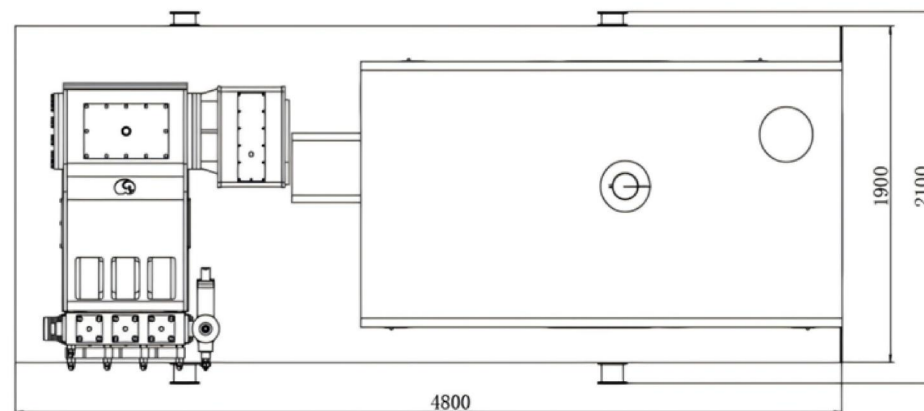
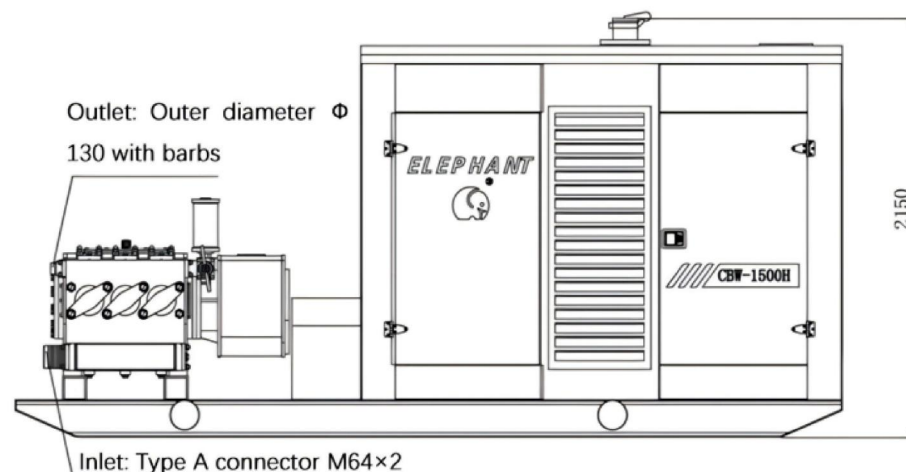
The CBW-1500H reciprocating pump is a horizontal triplex reciprocating single-acting plunger pump, driven by a diesel engine and equipped with an automatic gear-shifting transmission and wireless remote control. It is primarily designed for use with 210-ton horizontal directional drilling (HDD) rigs but can also be employed for other applications such as grouting, mine drainage, and long-distance water delivery. This pump offers five adjustable flow rates and five pressure levels, with a wide range of variations to accommodate different borehole diameters during drilling and pullback operations. Its design incorporates innovative concepts, utilizing advanced structures, materials, and manufacturing techniques. The pump features a compact structure, lightweight construction, small footprint, and aesthetically pleasing appearance. It is easy to install and maintain while delivering high output pressure, extended service life of wear-prone components, and stable performance.

Horizontal triplex reciprocating single acting plunger pump

Stroke(mm)	150				
Plunger diameter(mm)	135				
Gear position	1	2	3	4	5
Pump speed(r/min)	61	91	119	160	246
Flow(L/min)	373	557	728	979	1500
Pressure(Mpa)	15	13	10	7.5	5
Input power(Kw)	160				
Maximum input torque(N-m)	4100				
Dimensions(mm)	4800×2100×2150				
Weight(kg)	6050				
Power unit	Cummins QSC8.3-C260 Diesel Engine				
Maximum power(Kw)	194				
Rated speed(r/min)	1700				

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

CBW-1500H Outline Dimension Drawing





CBWH-1500 (Diesel engine power)



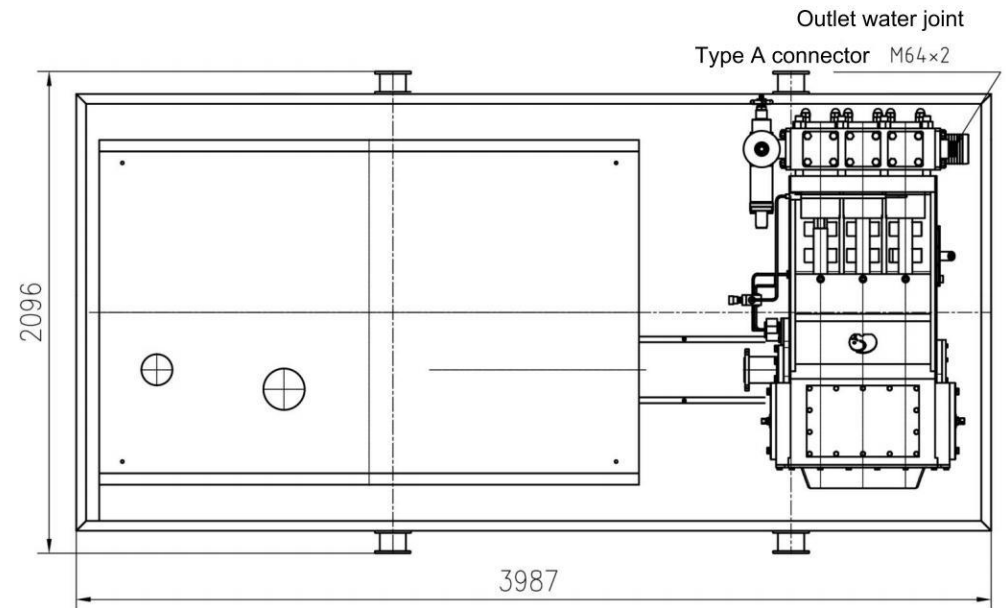
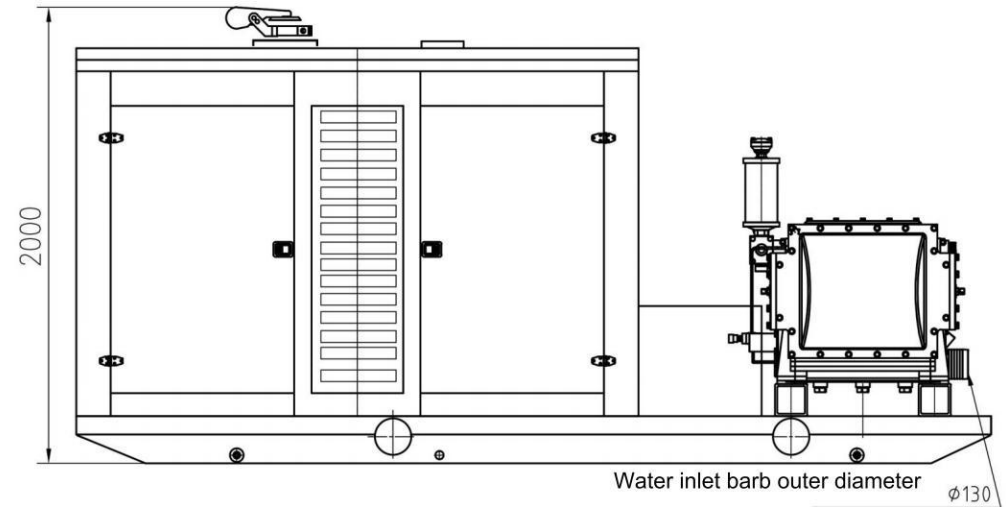
The CBWH-1500 reciprocating pump is a horizontal triplex reciprocating single-acting piston pump driven by a diesel engine, equipped with automatic gear shifting and wire remote control. It is mainly used in conjunction with non-excavation drilling rigs of about 150 tons, and can also be used for other purposes such as grouting, mine drainage, and long-distance water delivery. The pump has five flow rates and five pressures, with a wide range of flow and pressure changes, which can be used for drilling and backfilling with different aperture sizes. The design incorporates new concepts, new structures, new materials, and new processes; it has a compact structure, light weight, small size and beautiful appearance; it is easy to install and maintain; and it has the characteristics of high output pressure, long service life of vulnerable parts and stable performance.

Horizontal triplex reciprocating single acting piston pump					
Stroke (mm)	150				
Cylinder diameter (mm)	140				
Flow (L/min)	1500	1150	850	625	465
Pressure (MPa)	4	5.5	7	9	10
Rated power (kw)	120				
Dimensions (mm)	3987 × 2096 × 2000				
Weight (kg)	4500				
Diesel engine model	QSB5.9-C210				
Diesel Engine Power (KW)	154				
Rated speed (r/min)	1700				

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.



CBWH-1500 Outline Dimension Drawing

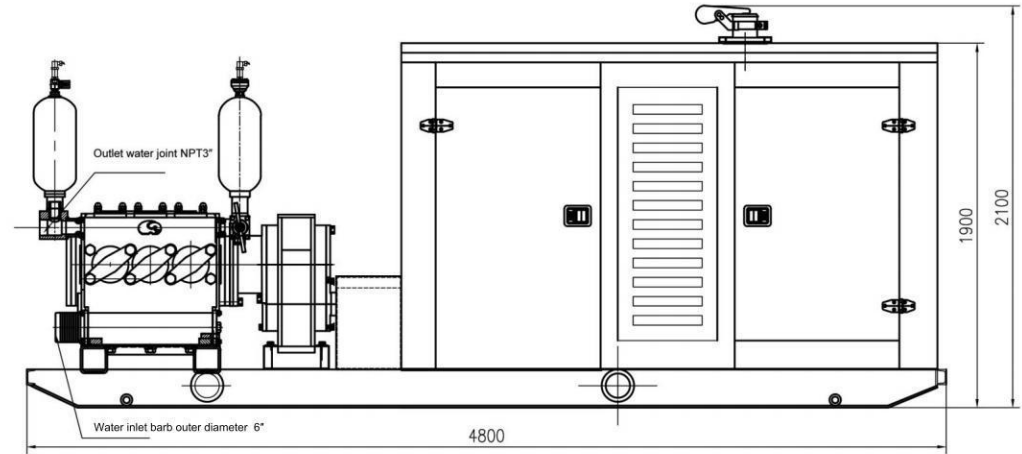




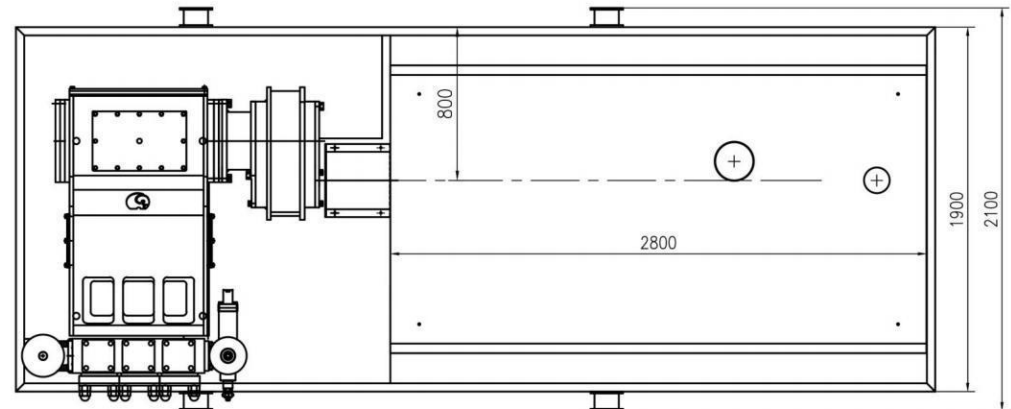
CBW-2000 (Diesel engine power)



CBW-2000 Outline Dimension Drawing



CBW-2000 reciprocating pump is a horizontal triplex reciprocating single-acting plunger pump, driven by diesel engine and equipped with automatic shift gearbox and wireless remote control. It is mainly used in conjunction with non-excavating drilling rigs of about 220 tons, and can also be used for grouting, mine drainage, long-distance water delivery and other purposes. The pump has five flow rates and five pressures, with a wide range of flow rate and pressure changes, which can be suitable for drilling and backfilling of different aperture sizes. The design adopts new concepts, new structures, new materials, and new processes. It has a compact structure, light weight, small size, and beautiful appearance, and is easy to install and maintain. It has the characteristics of high output pressure, long service life of vulnerable parts, and stable performance.



Horizontal triplex reciprocating single acting piston pump					
Stroke (mm)	150				
Cylinder diameter (mm)	155				
Flow (L/min)	2000	1500	1140	760	500
Pressure (MPa)	4	5.4	7	9	10.5
Input speed (r/min)	162				
Dimensions (mm)	4800 × 2100 × 2100				
Weight (kg)	6050				
Diesel engine model	QSC8.3-C260				
Diesel Engine Power (kw)	194				
Rated speed (r/min)	1700				

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

CBWH-2000 (Diesel engine power)

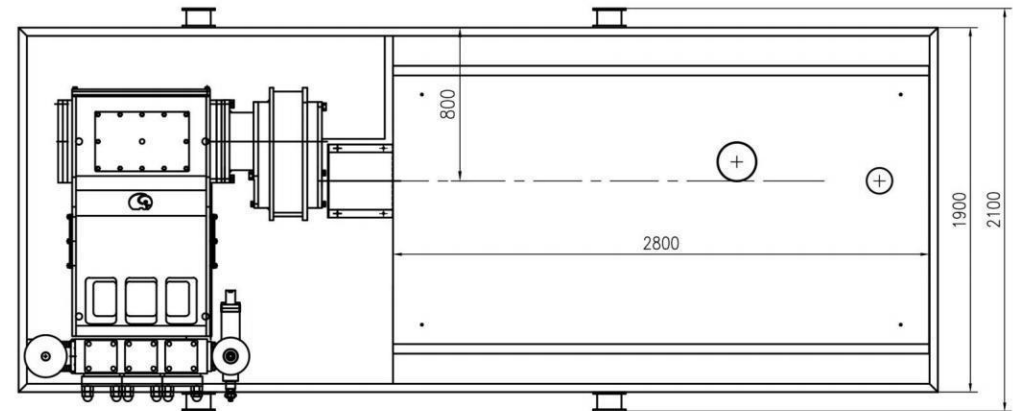
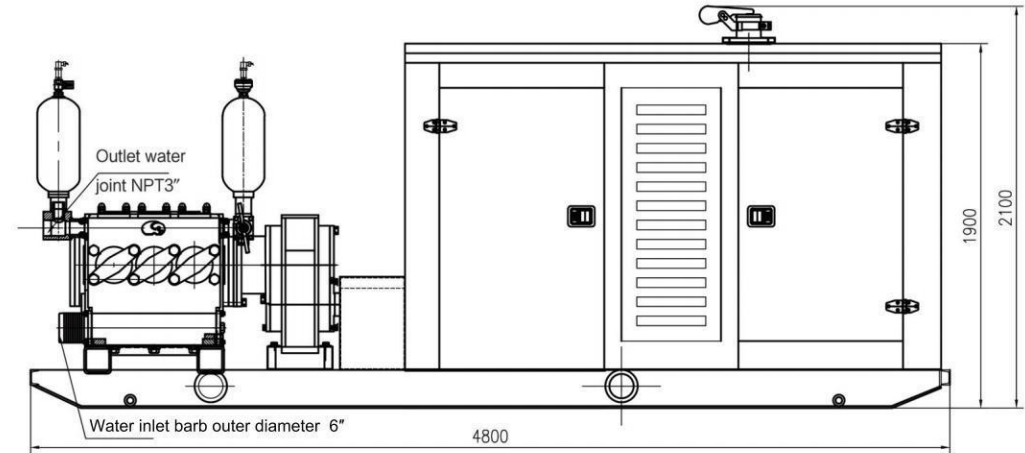


The CBWH-2000 reciprocating pump is a horizontal triplex reciprocating single-acting piston pump that is powered by a diesel engine and equipped with an automatic transmission gearbox and wireless remote control. It is mainly used to complement non-excavation drilling rigs weighing around 220 tons, but can also be used for other purposes such as grouting, mine drainage, and long-distance water delivery. The pump has five flow and pressure settings with a wide range of variations, which can accommodate different drill and backflow hole sizes. In design, new concepts, structures, materials, and techniques are adopted to make the pump compact, lightweight, small in size, and aesthetically pleasing. Installation and maintenance are convenient, and the pump features high output pressure, long-lasting vulnerable parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump					
Stroke (mm)	150				
Cylinder diameter (mm)	165				
Flow (L/min)	2000	1500	1140	760	500
Pressure (MPa)	4	5.4	7	10	10
Rated speed (r/min)	162				
Dimensions (mm)	4800 × 2100 × 2100				
Weight (kg)	6050				
Diesel engine model	QSC8.3-C260				
Diesel Engine Power (kW)	194				
Rated speed (r/min)	1500				

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

CBWH-2000 Outline Dimension Drawing



CBW-2200 (Diesel engine power)

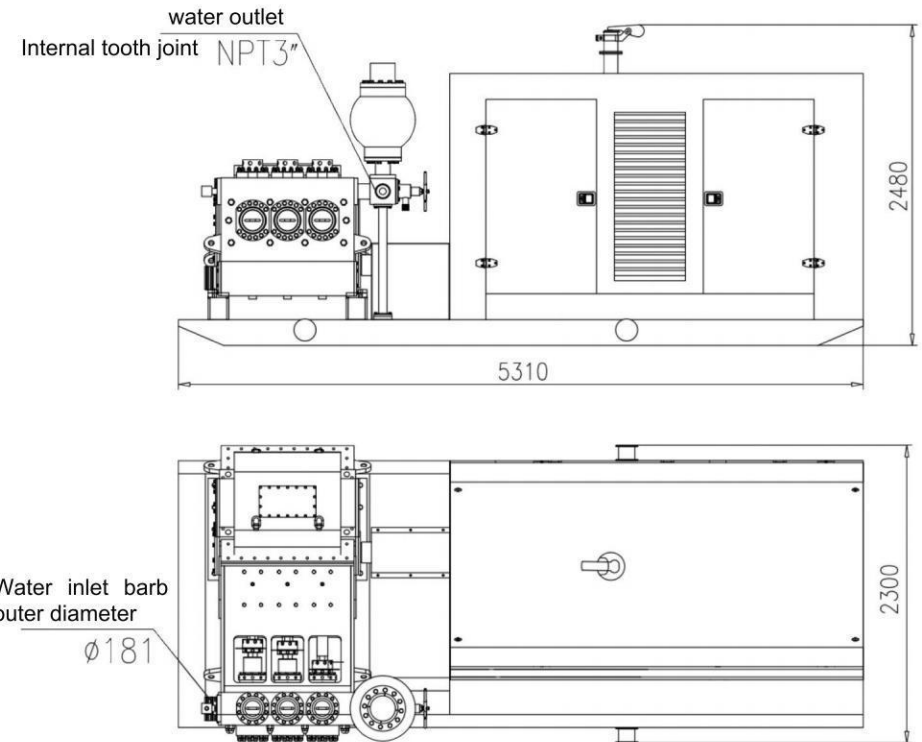


The CBW-2200 reciprocating pump is a horizontal triplex single-acting reciprocating plunger pump driven by a diesel engine, equipped with an automatic transmission, wireless remote control, primarily used in conjunction with non-excavation drilling machines of about 300 tons. It can also be used for other purposes such as grouting, mine drainage, long-distance water delivery, etc. The pump has six flow rates and six pressures, with a wide range of flow and pressure changes to adapt to different drill bit diameters and backflow. Its design incorporates new concepts, new structures, new materials, and new processes, with a compact structure, light weight, small size, and attractive appearance. It is easy to install and maintain, with high output pressure, long service life of vulnerable parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump						
Stroke (mm)	200					
Cylinder diameter (mm)	140					
Flow (L/min)	2200	1700	1200	900	650	500
Pressure (MPa)	5	6.5	9	12	17	20
Input speed (r/min)	220					
Dimensions (mm)	5310 × 2300 × 2480					
Weight (kg)	12500					
Diesel engine model	YC6MK420-T30					
Diesel Engine Power (KW)	281					
Rated speed (r/min)	1800					

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

CBW-2200 Outline Dimension Drawing



CBW-2500 (Diesel engine power)

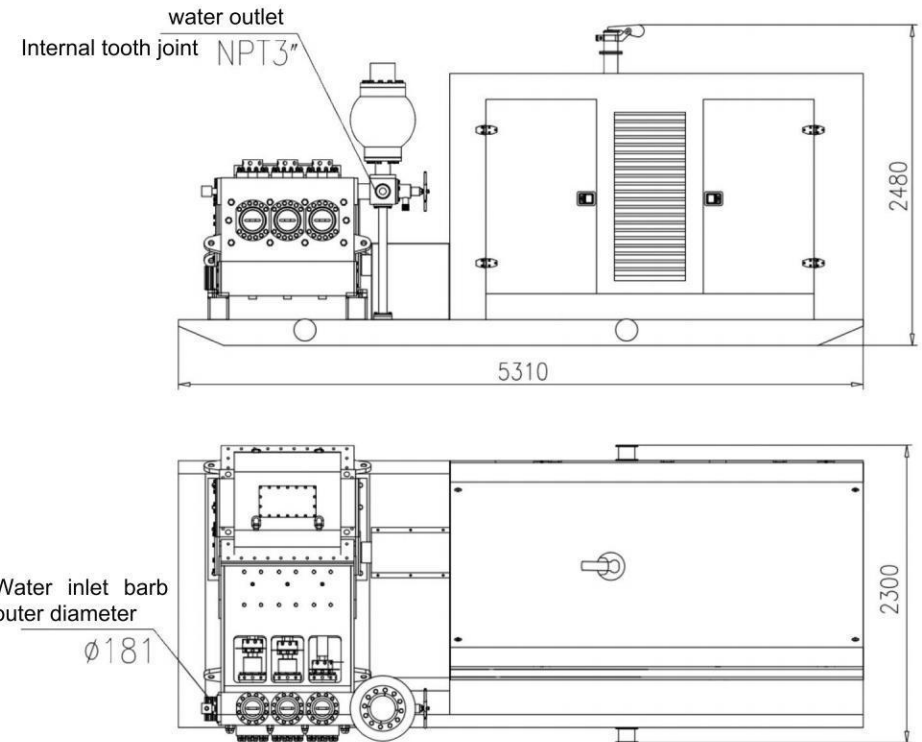


The CBW-2500 reciprocating pump is a horizontal, triplex, single-action reciprocating plunger pump that is powered by a diesel engine and has an automatic transmission gearbox and wireless remote control. It is mainly used in conjunction with non-excavation drilling rigs of around 350 tons, but can also be used for other purposes such as grouting, mine drainage, and long-distance water transfer. The pump has six flow rates and six pressures with a wide range of variation, making it suitable for different drilling diameters and backflushing. It employs new concepts, structures, materials, and processes in its design, making it compact, lightweight, and aesthetically pleasing. It is easy to install and maintain, has a high output pressure, a long service life for vulnerable parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump						
Stroke (mm)	200					
Cylinder diameter (mm)	140					
Flow (L/min)	2500	1845	1330	990	730	539
Pressure (MPa)	4.6	6	8	11	15	19
Input speed (r/min)	230					
Dimensions (mm)	5310×2300×2480					
Weight (kg)	12900					
Diesel engine model	QSZ13-C400					
Diesel Engine Power (KW)	298					
Rated speed (r/min)	1800					

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

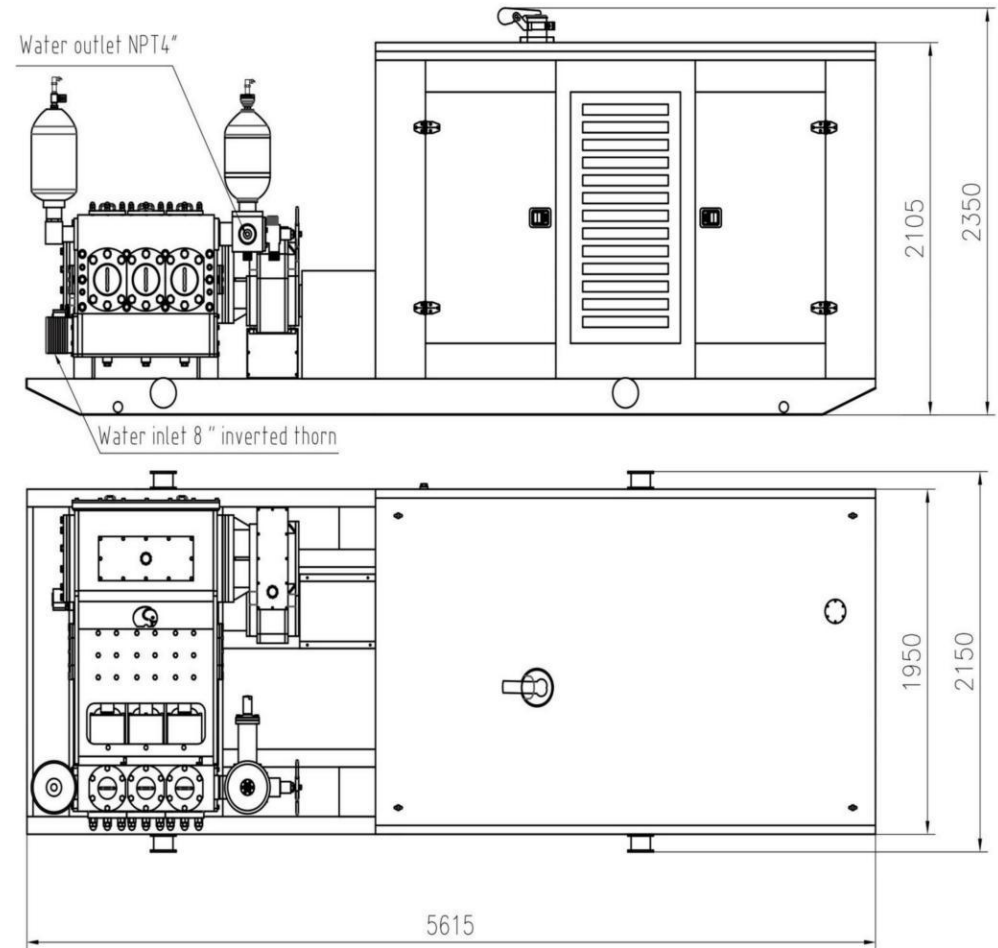
CBW-2500 Outline Dimension Drawing



CBWH-2500 (Diesel engine power)



CBWH-2500 Outline Dimension Drawing

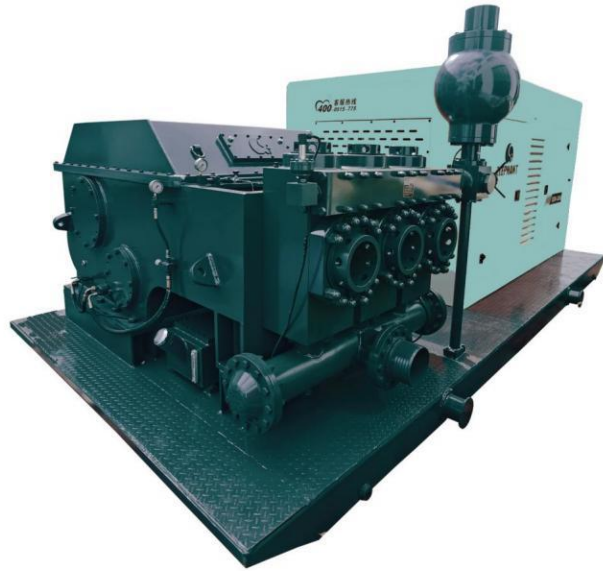


The CBWH-2500 reciprocating pump is a horizontal triplex reciprocal single-acting piston pump, which is driven by a diesel engine and equipped with an automatic transmission, remote wireless control. It is mainly used in conjunction with non-excavation drilling rigs of about 400 tons, and can also be used for other purposes such as grouting, mine drainage, and long-distance water delivery. The pump has five flow rates and five pressures, with a wide range of changes in flow rate and pressure, making it suitable for drilling and back dragging of different hole diameters. In its design, new concepts, structures, materials, and processes are used to make it compact, lightweight, small in size, aesthetically appealing, and easy to install and maintain. It features high output pressure, long service life of vulnerable parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump					
Stroke (mm)	160				
Cylinder diameter (mm)	190				
Flow (L/min)	2500	1809	1346	989	734
Pressure (MPa)	5	6	7	8	10
Rated power (kw)	250				
Dimensions (mm)	5615 × 2150 × 2350				
Weight (kg)	9500				
Diesel engine model	QSM11-P476				
Diesel Engine Power (KW)	330				
Rated speed (r/min)	1500				

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

CBW-2800 (Diesel engine power)

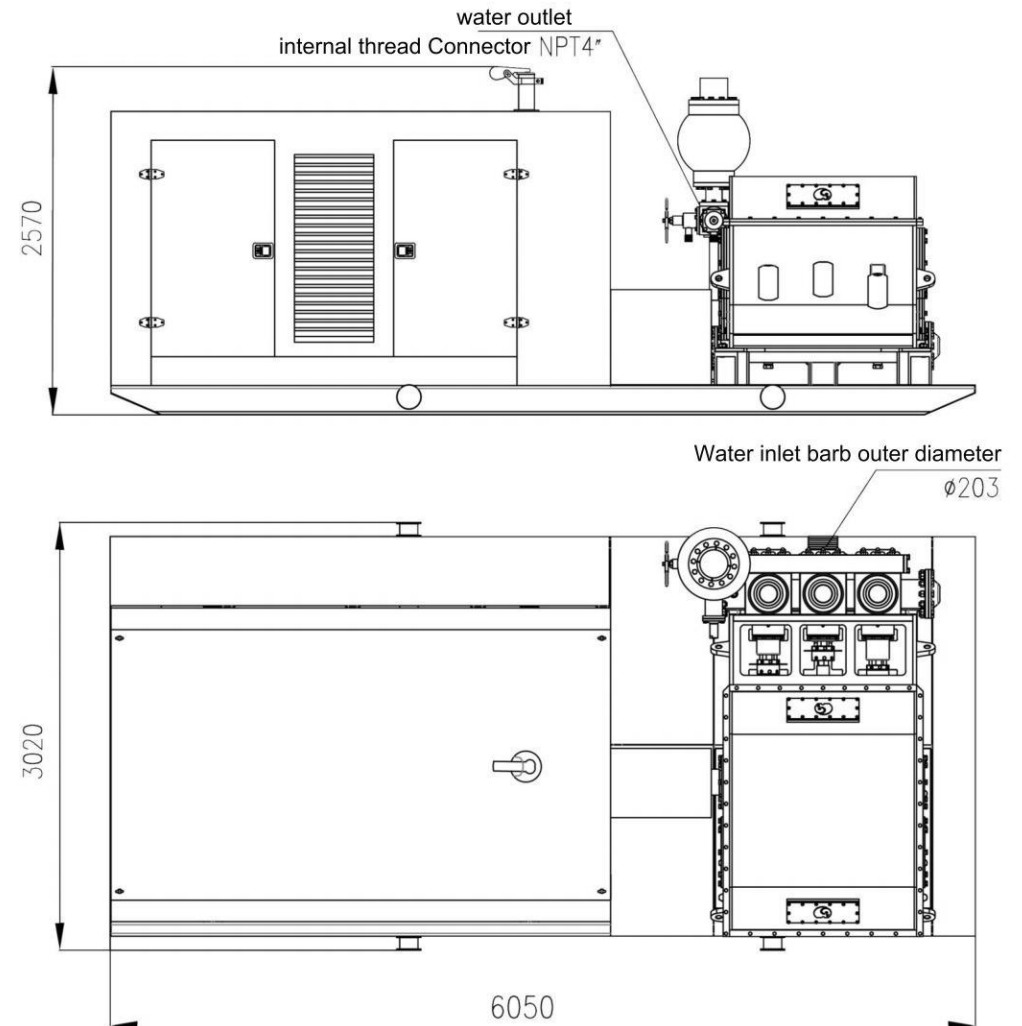


The CBW-2800 reciprocating pump is a horizontal triplex reciprocating single-acting plunger pump, driven by a diesel engine, equipped with an automatic transmission and wireless remote control. It is mainly used for matching with non-excavation drilling rigs of around 500 tons, and can also be used for other purposes such as grouting, mine drainage, and long-distance water delivery. The pump has five flow rates and five pressure settings, with a wide range of flow and pressure changes, and can be used for drilling and recovery of different diameters. It adopts new concepts, new structures, new materials, and new technologies in its design, with a compact structure, light weight, small size, and beautiful appearance. It is easy to install and maintain, with high output pressure, long service life of vulnerable parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump					
Stroke (mm)	190				
Cylinder diameter (mm)	160				
Flow (L/min)	2800	2029	1504	1105	760
Pressure (MPa)	5	7	9	12	18
Input speed (r/min)	320				
Dimensions (mm)	6050 × 3020 × 2570				
Weight (kg)	16000				
Diesel engine model	QSZ13-C550				
Diesel Engine Power (KW)	410				
Rated speed (r/min)	1850				

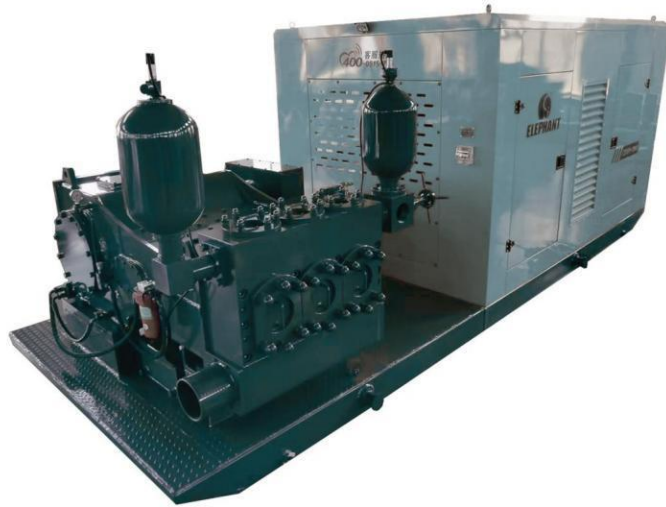
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CBW-2800 Outline Dimension Drawing





CBWH-3000 (Diesel engine power)



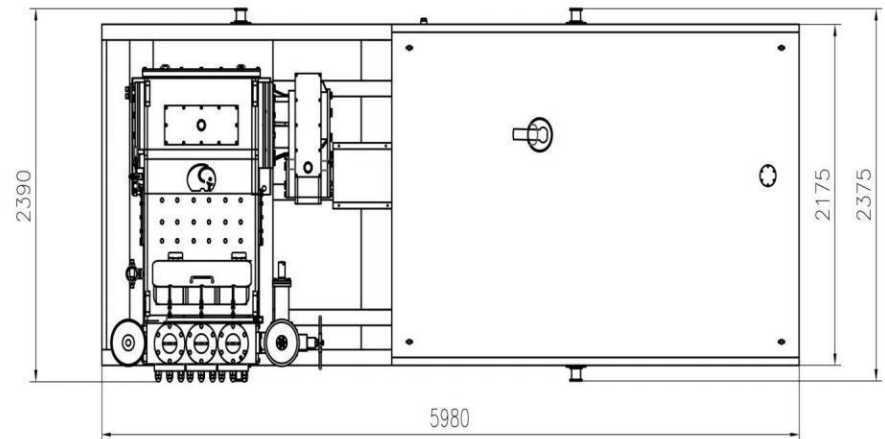
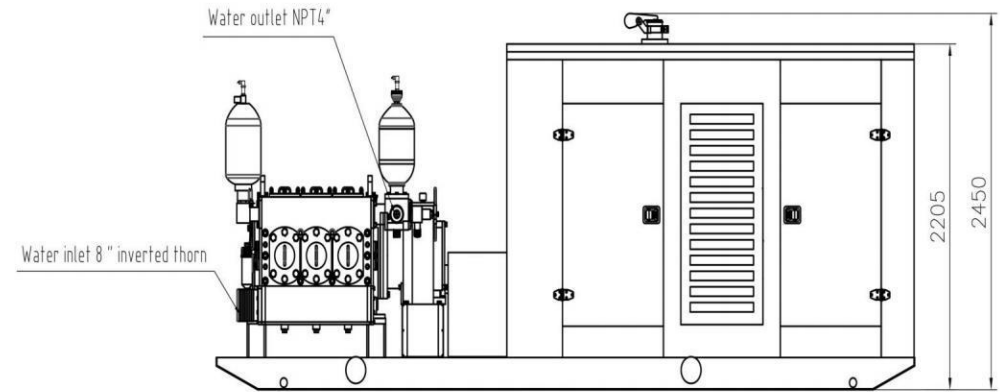
The CBWH-3000 reciprocating pump is a horizontal, triplex, single-acting piston pump that is driven by a diesel engine and equipped with an automatic transmission and wireless remote control. It is mainly used in conjunction with non-excavation drilling machines weighing around 500 tons, as well as for other purposes such as injection grouting, mine discharge, and long-distance water delivery. The pump has five flow rates and five pressures, with a wide range of flow and pressure variations that can be adapted to different borehole diameters for drilling and backfilling. The design incorporates new concepts, new structures, new materials, and new processes; it has a compact structure, light weight, small size, and attractive appearance, as well as easy installation and maintenance. The pump also features high output pressure, long service life of vulnerable parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump					
Stroke (mm)	175				
Cylinder diameter (mm)	200				
Flow (L/min)	3000	2452	1818	1340	818
Pressure (MPa)	5	6	8	10	10
Rated power (kw)	320				
Dimensions (mm)	5980 × 2390 × 2450				
Weight (kg)	11000				
Diesel engine model	QSZ13-C550				
Diesel Engine Power (KW)	410				
Rated speed (r/min)	1500				

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.



CBWH-3000 Outline Dimension Drawing



CBW-3200



The CBW-3200 reciprocating pump is a horizontal triplex reciprocating single-acting plunger pump, driven by a diesel engine and equipped with an automatic gear-shifting transmission and wireless remote control. It is primarily designed for use with 500-ton trenchless drilling rigs but can also be employed for other applications such as grouting, mine drainage, and long-distance water delivery. This pump offers five flow rates and five pressure levels, with a wide range of adjustments to accommodate different borehole diameters during drilling and pipe pulling. Its design incorporates innovative concepts, utilizing new structures, materials, and manufacturing techniques. The pump features a compact structure, lightweight construction, small footprint, and aesthetically pleasing appearance. It is easy to install and maintain, while delivering high output pressure, extended service life for wear-prone components, and stable performance.

Horizontal triplex reciprocating single acting piston pump					
Stroke(mm)	200				
Plunger diameter(mm)	170				
Gear diameter	1	2	3	4	5
Pump speed(r/min)	65	95	129	174	236
Flow(L/min)	885	1293	1752	2364	3200
Pressure(Mpa)	12	10	8	6	4.8
Rated power(Kw)	320				
Maximum input torque(N-m)	10800				
Dimensions(mm)	6120 × 2790 × 2450				
Weight(kg)	13000				
Power unit	Cummins QSZ13-C550-30 Diesel Engine				
Maximum power(Kw)	410				
Rated speed(r/min)	1900				

The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

CBW-3200 Outline Dimension Drawing

