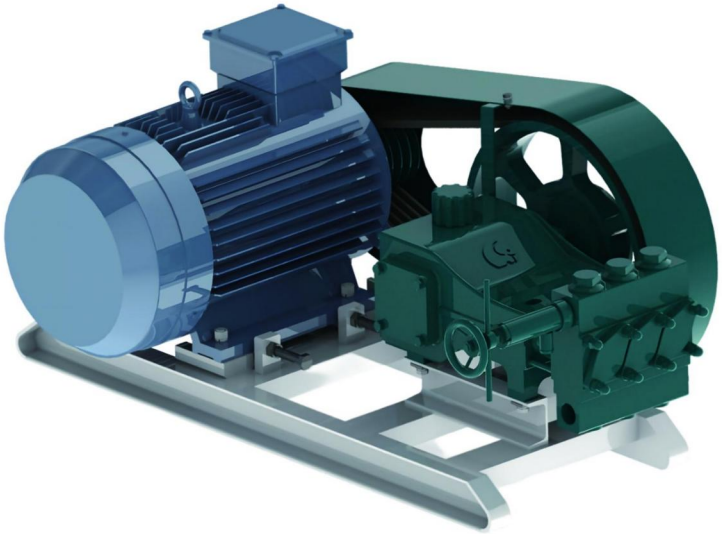
DBW-100QP

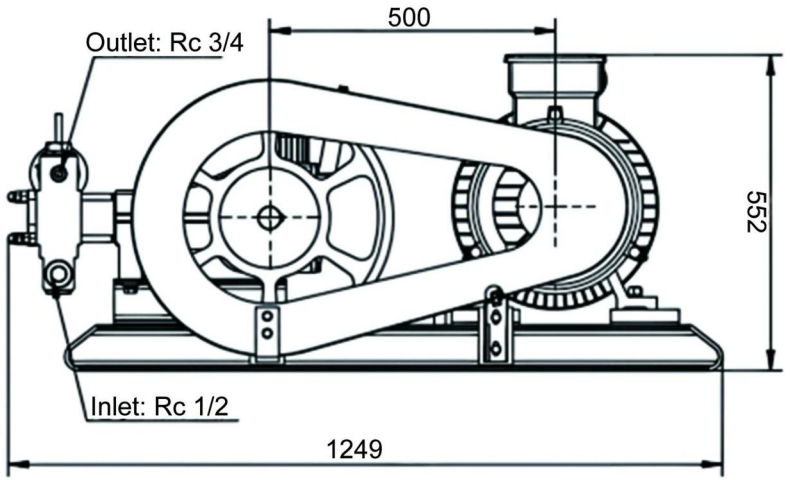


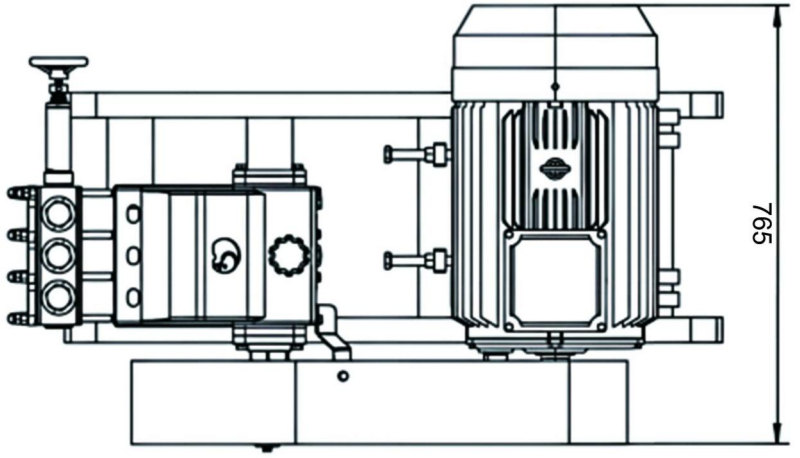
The DBW100QP reciprocating pump is a horizontal triplex single-acting piston pump driven by a three-phase asynchronous motor. It is primarily designed for use with trenchless drilling rigs of around 10 tons, and can also be applied in grouting, mine dewatering, and long-distance water supply applications. The pump is adaptable to different borehole diameters and pullback operations. The design incorporates new concepts, structures, materials, and processes, resulting in a compact, lightweight, and aesthetically pleasing unit. The pump body, crankshaft, connecting rod, crosshead, pump head, and related components are designed with high series and interchangeability for easy installation and maintenance. It features long wearing part life and high reliability.

Horizontal triplex reciprocating single acting piston pump	
Stroke（mm）	48
Cylinder Diameter（mm）	55
Pump Speed (r/min)	295
Flow（L/min）	100
Pressure（MPa）	7
Power（KW）	13
Dimensions（mm）	1249×765×552
Weight（kg）	370
Motor Model	YE3-180L-6

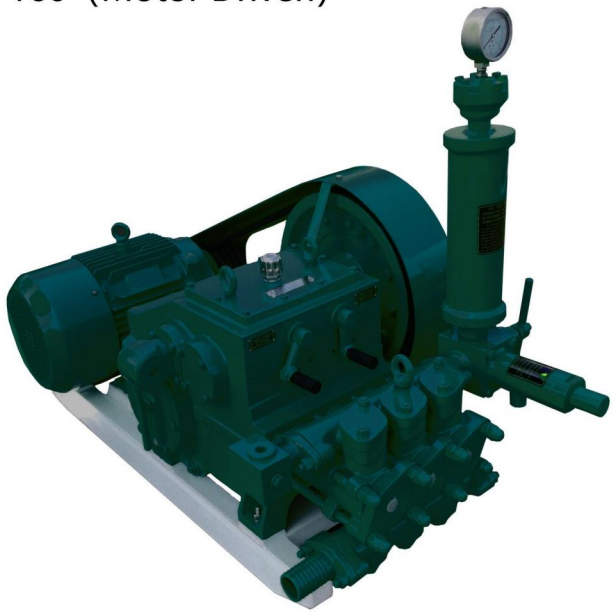
The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

DBW-100QP Outline Dimension Drawing





DBW-160（Motor Driven）

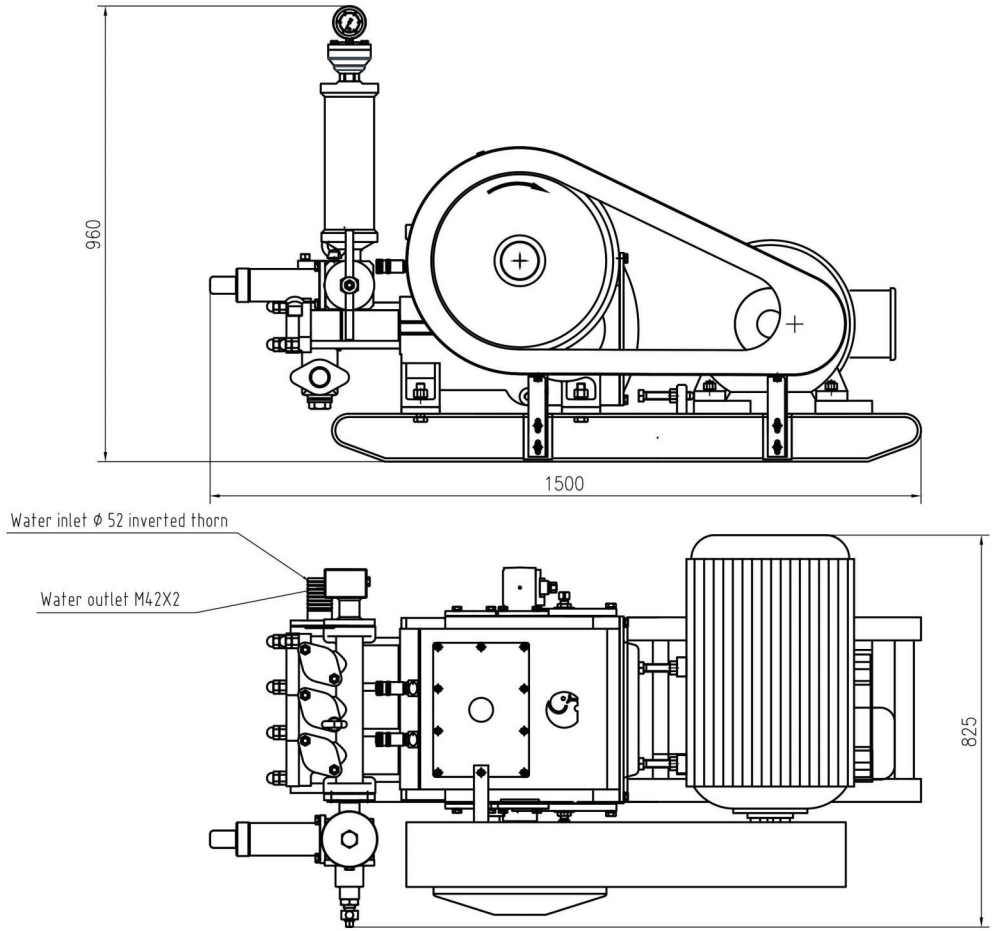


The DBW-160 reciprocating pump is a horizontal triplex reciprocating single-acting piston pump that is powered by electric motor. It is mainly used to convey flushing fluid into the drilling hole during geological core drilling, and can also be used for other applications such as grouting, sewage disposal, and long-distance water delivery. The pump has four flow rates and four pressures, with a wide range of flow rate and pressure variations to accommodate different borehole drilling and backflushing. In its design, new concepts, new structures, new materials, and new processes are adopted. The pump is compact in structure, light in weight, small in size, and aesthetically pleasing. It is easy to install and maintain and features high output pressure, long service life of wearing parts, and stable performance.

Horizontal triplex reciprocating single acting piston pump				
Stroke（mm）	70			
Cylinder diameter（mm）	70			
Flow（L/min）	160	107	67	44
Pressure（MPa）	2.7	4	6.5	10
Input speed（r/min）	540			
Input power（kW）	9			
Dimensions（mm）	1500×825×960			
Weight（kg）	508			
Motor model	YE3-160M-4			
Motor Power (kW)	11			

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

DBW-160 Outline Dimension Drawing



DXBH-200E

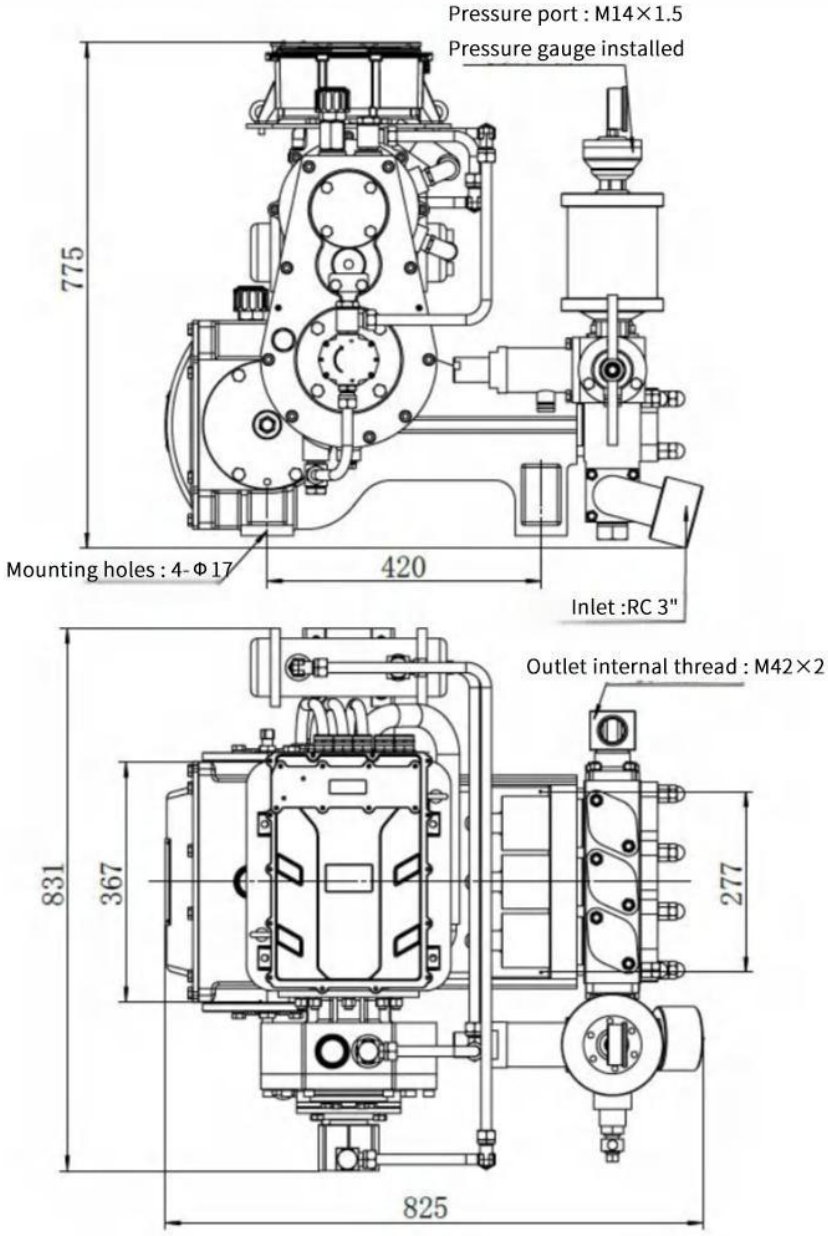


The DXBH-200E reciprocating pump is a horizontal triplex single-acting piston pump, driven by a permanent magnet synchronous motor for high efficiency, energy savings, and environmental friendliness. It is primarily designed for use with 20-ton trenchless drilling rigs but can also be employed in other applications such as grouting, mine drainage, and long-distance water delivery.The pump features a wide range of adjustable flow rates and pressures, with remote stepless speed control via a controller, enabling constant power output during variations in flow and pressure. This eliminates the traditional manual gear-shifting operation mode.Designed with innovative concepts and a modern structure, the pump is compact, aesthetically pleasing, and easy to install and maintain. It offers extended service life for wear-prone parts and ensures stable performance.

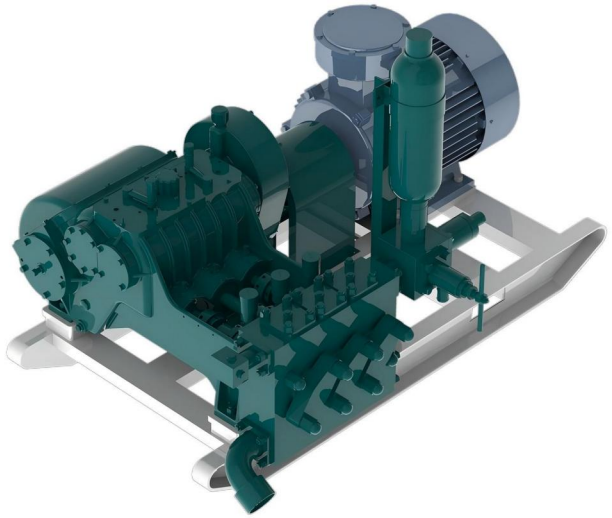
Horizontal triplex reciprocating single acting piston pump	
Stroke(mm)	60
Cylinder diameter(mm)	70
Pump speed(r/min)	145~290
Flow(L/min)	100~200
Pressure(Mpa)	8~4
Input power(Kw)	15.4
Dimensions(mm)	825 × 831 × 775
Weight(kg)	370
Motor model	TYC24-1750-L120M10
Rated current / Maximum current (A)	77.8/140
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-200E Outline Dimension Drawing



DBW-220

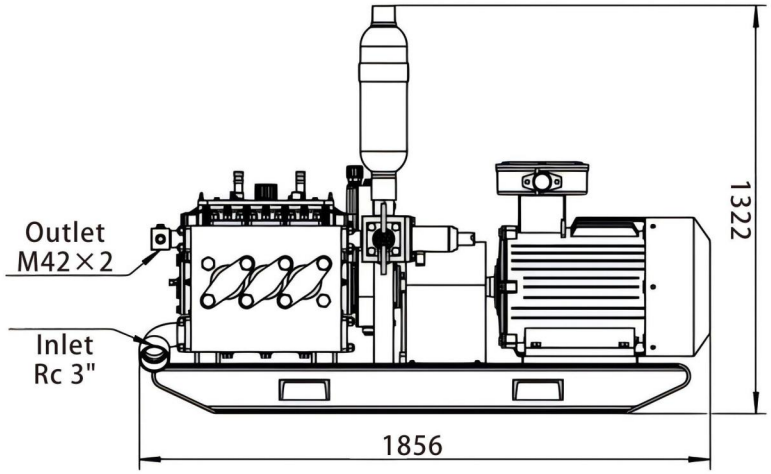


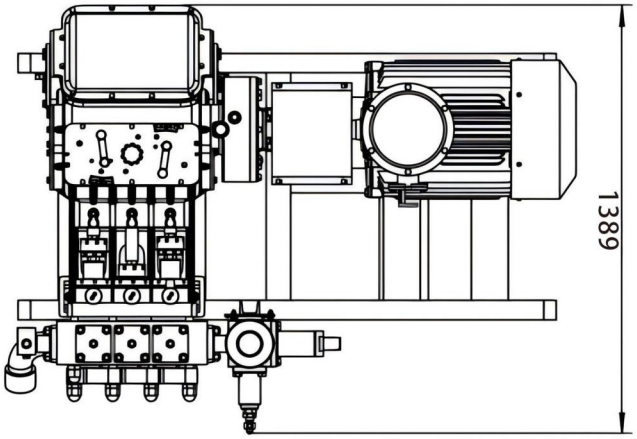
The DBW-220 reciprocating pump is a horizontal triplex single-acting plunger pump driven by a three-phase asynchronous motor. It is primarily designed for use with trenchless drilling rigs of around 25 tons, and can also be applied in grouting, mine dewatering, and long-distance water supply applications. The pump is adaptable to different borehole diameters and pullback operations. The design incorporates new concepts, structures, materials, and processes, resulting in a compact, lightweight, and aesthetically pleasing unit. The pump body, crankshaft, connecting rod, crosshead, pump head, and related components are designed with high series and interchangeability for easy installation and maintenance. It features long wearing part life and high reliability.

Horizontal triplex reciprocating single acting plunger pump	
Stroke（mm）	110
Cylinder Diameter（mm）	65
Pump Speed (r/min)	208 145 103 74
Flow Rate (L/min)	220 158 112 80
Pressure (MPa)	8 11.5 15 15
Power (kW)	37
Overall Dimensions (mm)	1856×1389×1322
Weight (kg)	1200
Motor Model	YBX3-225S-4

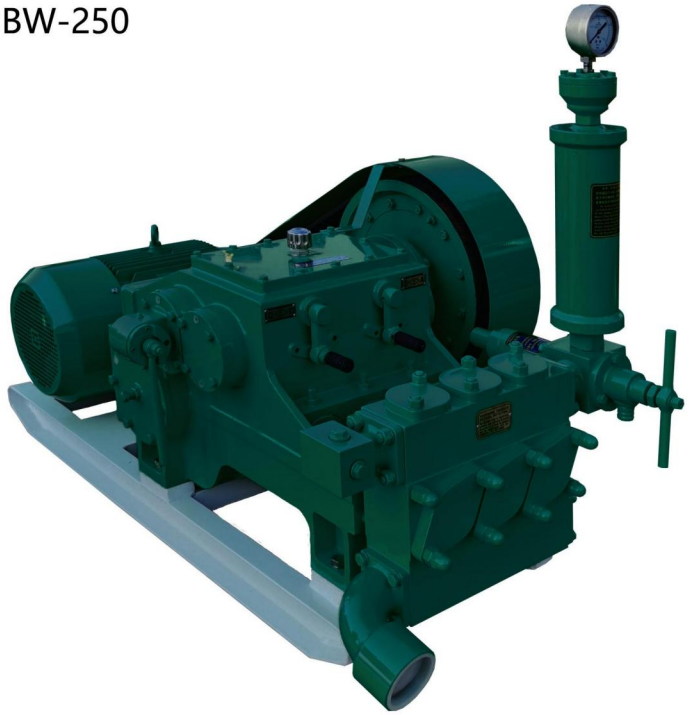
The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

DBW-220 Outline Dimension Drawing





DBW-250

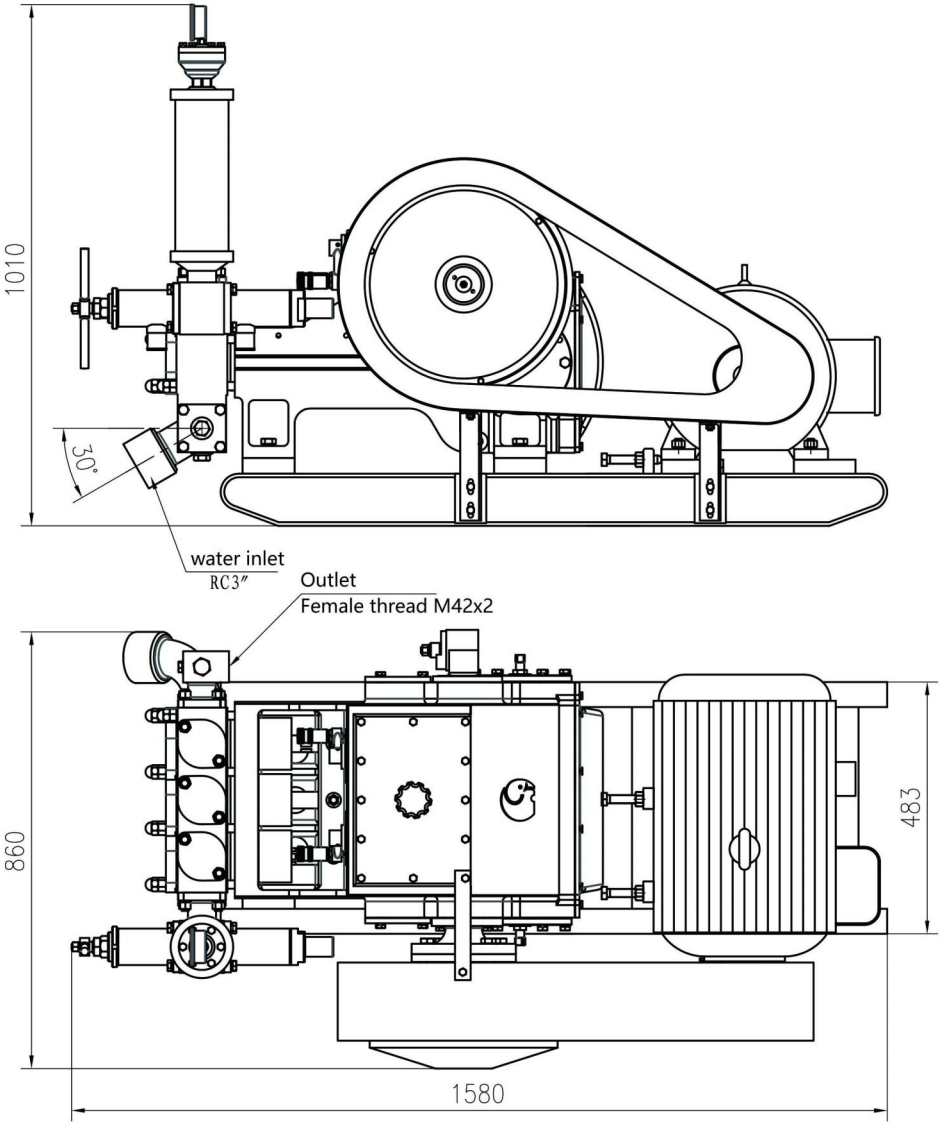


The DBW-250 reciprocating pump is a horizontal triplex reciprocating single-acting piston pump driven by an electric motor. It is mainly used to convey flushing fluid into the borehole during geological core drilling, but can also be used for grouting, sewage discharge, and long-distance water delivery. 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.

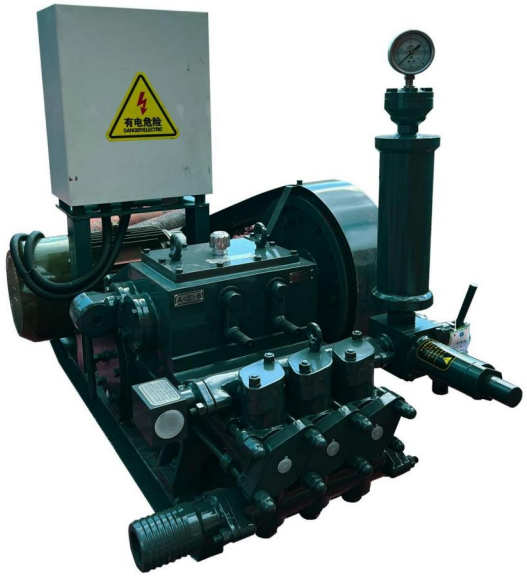
Horizontal triplex reciprocating single acting piston pump				
Stroke（mm）	75			
Cylinder diameter（mm）	80			
Flow（L/min）	250	165	122	79
Pressure（MPa）	2.6	4	5.4	8
Input speed（r/min）	420			
Input power（kW）	13			
Dimensions（mm）	1580 × 860 × 1010			
Weight（kg）	670			
Motor model	YE3-160L-4			
Motor Power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

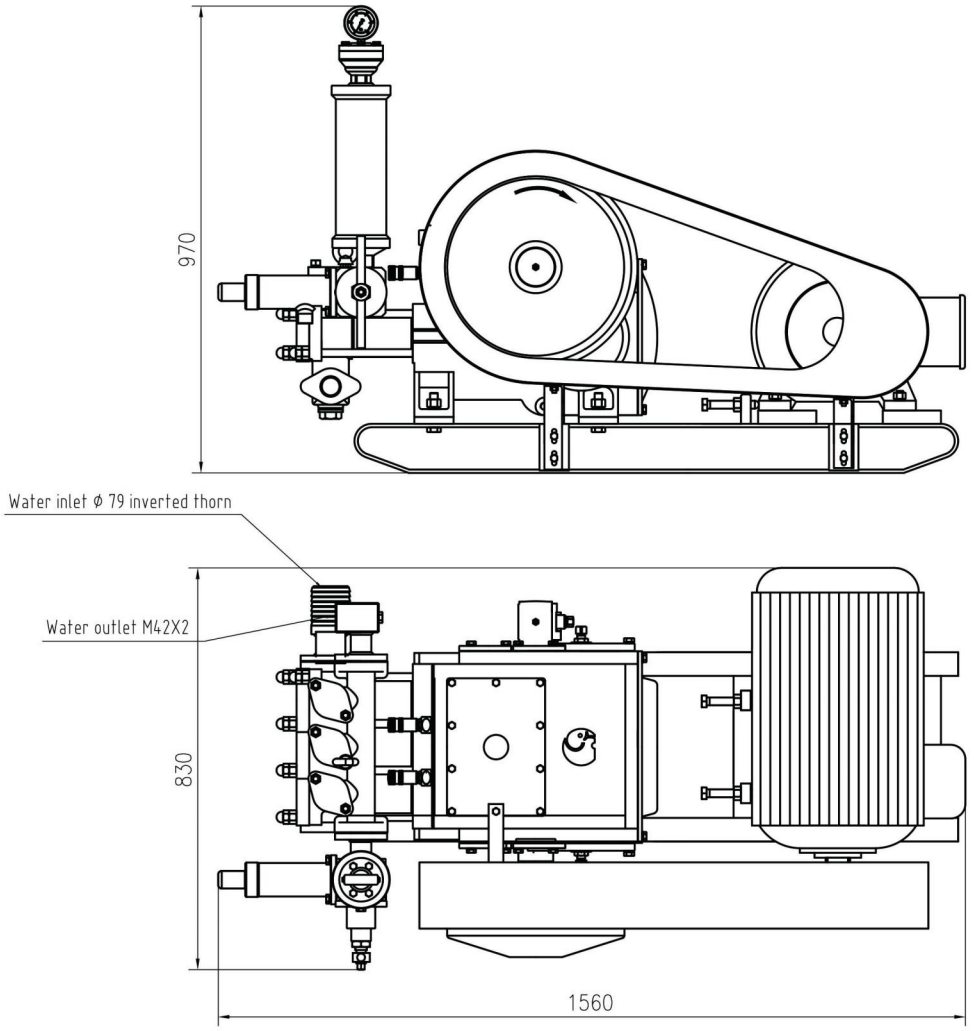


The DBWF-250 reciprocating pump is a horizontal triplex reciprocating single-acting piston pump driven by an electric motor. It is mainly used for delivering flushing fluid into the borehole during geological core drilling, and can also be used for grouting, sewage discharge, and long-distance water 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.

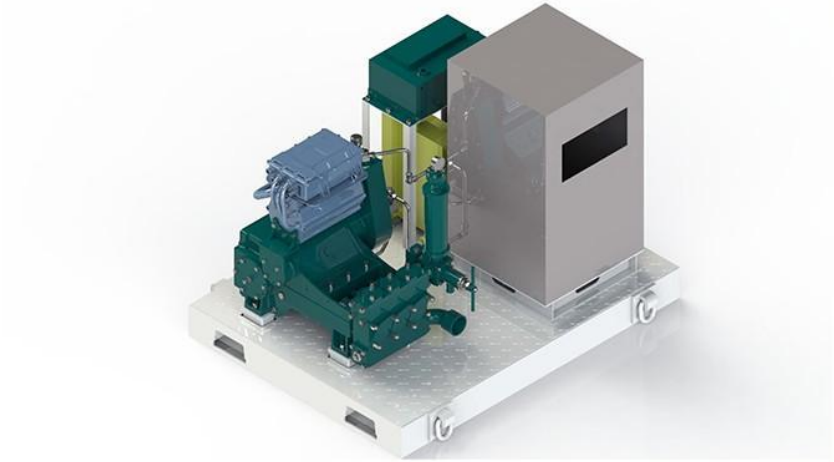
Horizontal triplex reciprocating single acting piston pump				
Stroke（mm）	70			
Cylinder diameter（mm）	75			
Flow（L/min）	250	158	100	69
Pressure（MPa）	2.5	4	6	9
Input speed（r/min）	727			
Input power（kW）	13			
Dimensions（mm）	1560 × 830 × 970			
Weight（kg）	560			
Motor model	YE3-160L-4			
Motor Power (kW)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

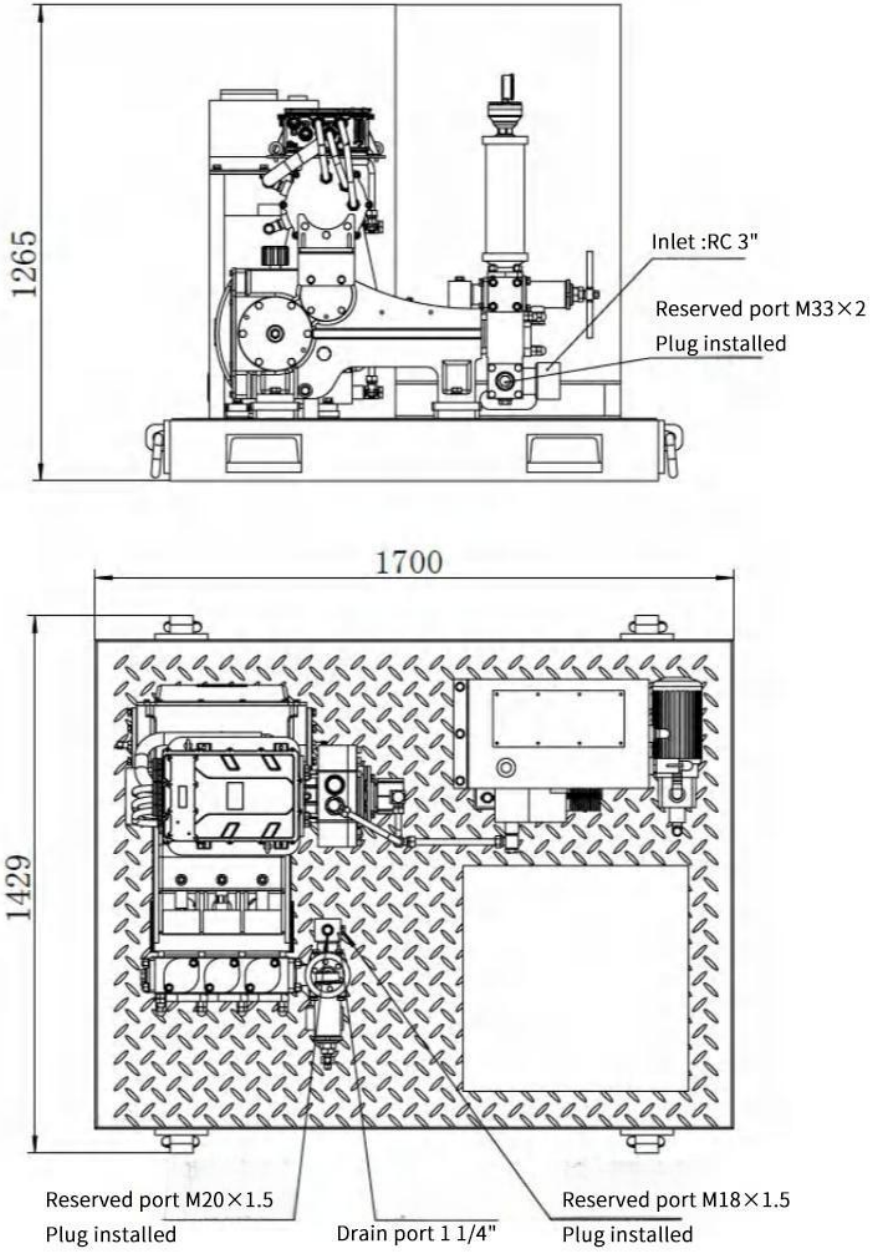


The DXBH-300EQ reciprocating pump is a horizontal triplex single-acting piston pump, driven by a permanent magnet synchronous motor for high efficiency, energy savings, and environmental friendliness. It is primarily designed for use with 30-ton trenchless drilling rigs but can also be employed in other 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)

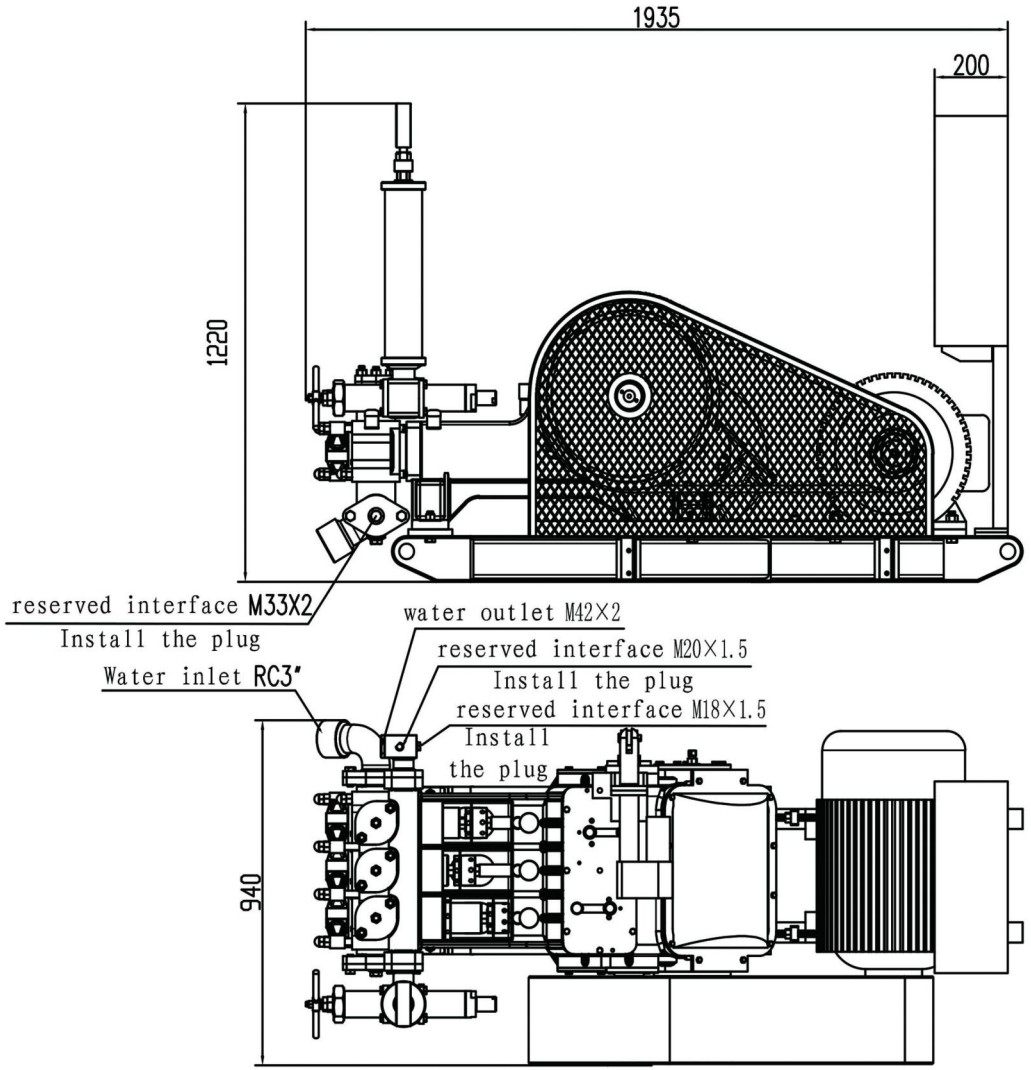


The DBW-320 reciprocating pump is a horizontal triplex reciprocating single-acting plunger pump driven by an electric motor. It is mainly used in geological core drilling to deliver washing fluid into the borehole and can also be used for other purposes such as grouting, drainage, and long-distance water 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 plunger 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

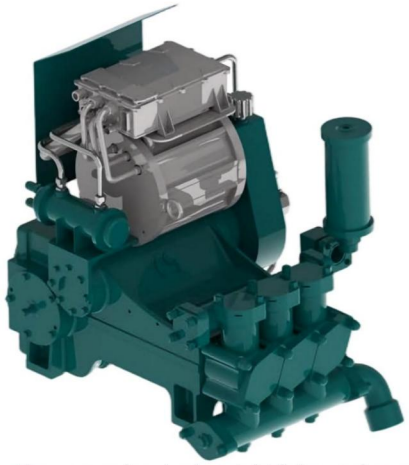
The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

DBW-320 Outline Dimension Drawing



ELEPHANT

DXBH-400E



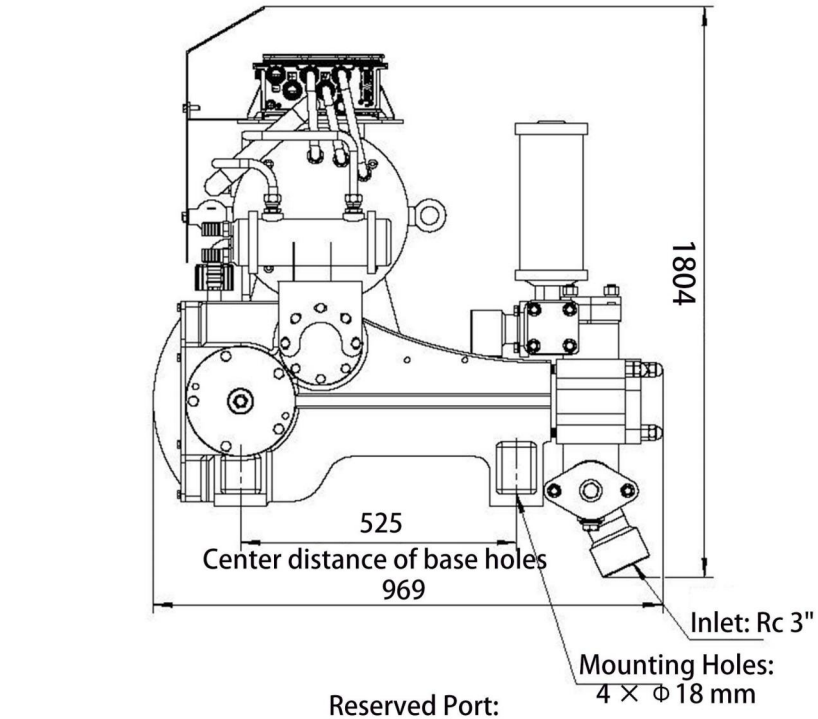
The DXBH-400E reciprocating pump is a horizontal triplex reciprocating single-acting piston pump, driven by a permanent magnet synchronous motor for high efficiency, energy savings, and environmental friendliness. It is primarily designed for use with trenchless drilling rigs of approximately 40 tons, and can also be applied in other fields such as grouting, mine dewatering, and long-distance water delivery. This pump offers a wide adjustment range for both flow rate and pressure. With remote stepless speed control via the controller, it enables constant-power regulation of flow and pressure, replacing the traditional manual gear-shifting operation mode. The pump incorporates new design concepts and structures, featuring a compact configuration, attractive appearance, easy installation and maintenance, extended service life of wearing parts, and stable performance.

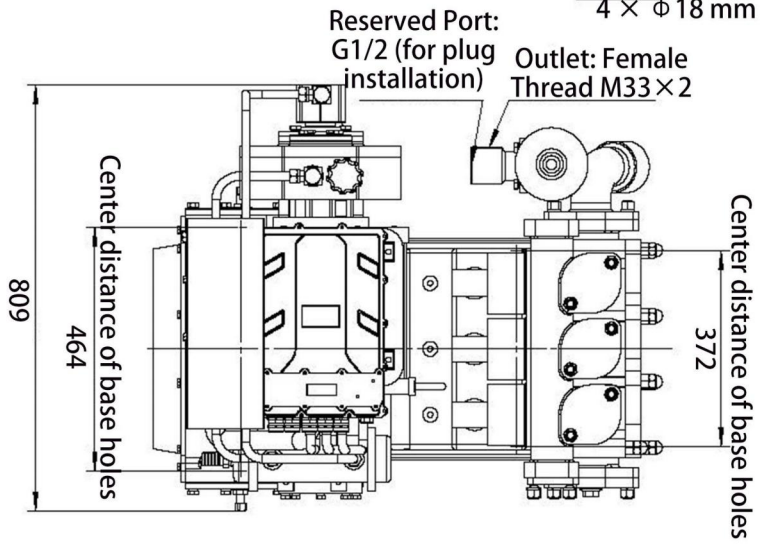
Horizontal triplex reciprocating single acting piston pump	
Stroke（mm）	80
Cylinder Diameter（mm）	95
Pump Speed (r/min)	118 ~ 235
Flow（L/min）	200 ~ 400
Pressure（MPa）	8 ~ 4
Rated Power (kW)	32
Max. Suction Lift (m)	2.5
Inlet Connection	Rc 3
Outlet Connection	M33×2
Overall Dimensions (mm)	969×809×1084
Weight (kg)	650
Motor Model	TYC32-1750-L160M12
Rated Speed / Max. Speed (r/min)	1750/3500
Rated Power (kW)	32
Rated Frequency (Hz)	175
Cooling Method	Water-Cooled
Battery Voltage Platform DC (V)	312
Rated Torque (N・m)	175

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

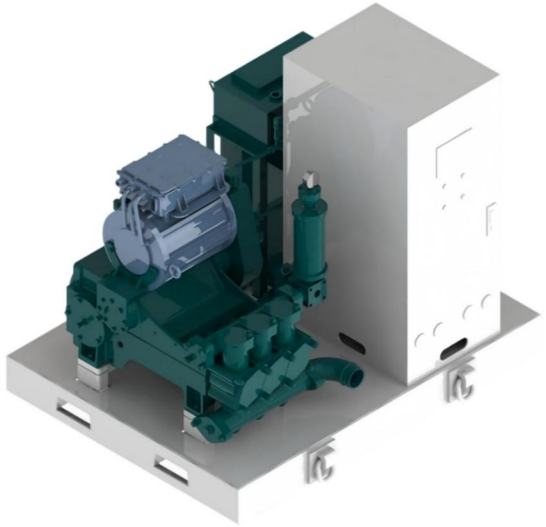
ELEPHANT

DXBH-400E Outline Dimension Drawing





DXBH-400EQ

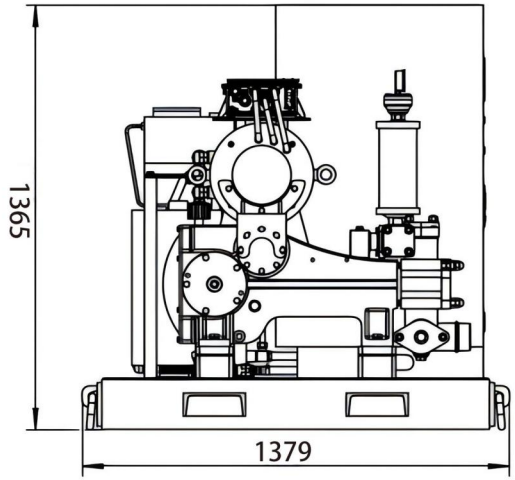


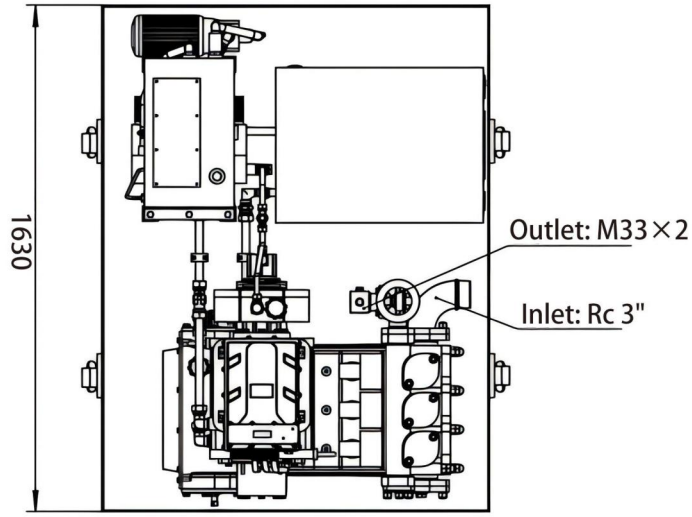
The DXBH-400EQ reciprocating pump is a horizontal triplex single-acting piston pump driven by a permanent magnet synchronous motor. It is primarily designed for use with trenchless drilling rigs of around 40 tons, and can also be applied in grouting, mine dewatering, and long-distance water supply applications. The pump is adaptable to different borehole diameters and pullback operations. The design incorporates new concepts, structures, materials, and processes, resulting in a compact, lightweight, and aesthetically pleasing unit. The pump body, crankshaft, connecting rod, crosshead, pump head, and related components are designed with high series and interchangeability for easy installation and maintenance. It features long wearing part life and high reliability.

Horizontal triplex reciprocating single acting piston pump	
Stroke（mm）	80
Cylinder Diameter（mm）	95
Pump Speed (r/min)	118－235
Flow Rate (L/min)	200－400
Pressure (MPa)	8－4
Rated Power (kW)	32
Overall Dimensions (mm)	1630×1379×1365
Weight (kg)	1090
Motor Model	TY55-1750-Z160M12
Rated Current / Max. Current (A)	100/165
Rated Speed / Max. Speed (r/min)	1750/3500
Rated Power / Peak Power (kW)	55/93.5

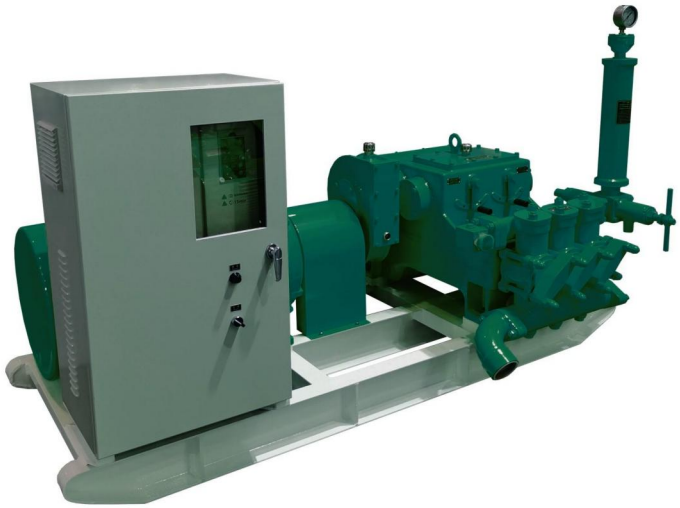
The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

DXBH-400EQ Outline Dimension Drawing





DBW-600 (Motor Driven)

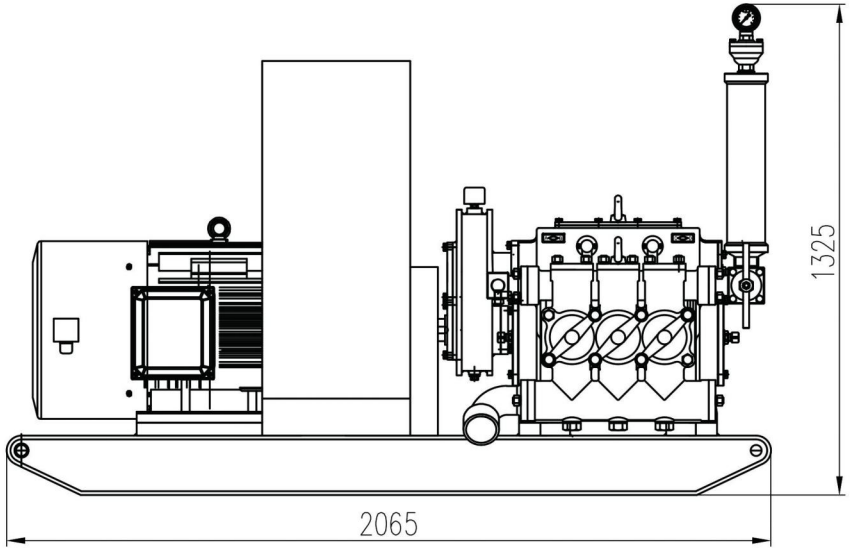


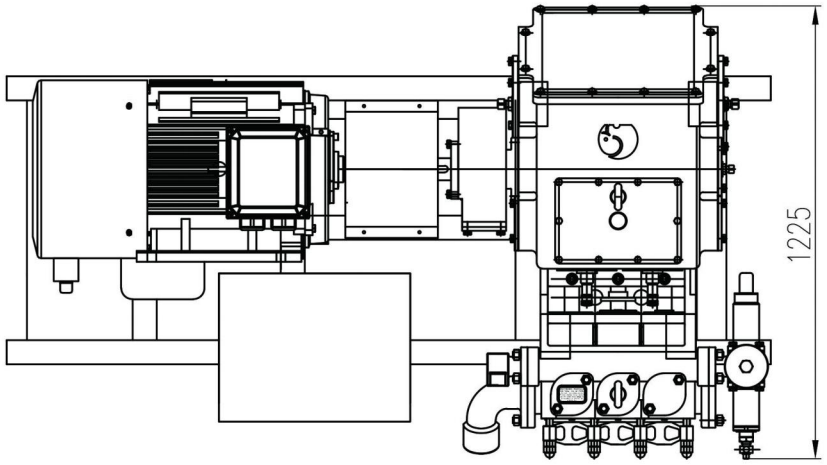
The DBW-600 reciprocating pump is a horizontal, triplex reciprocating single-acting piston pump that is driven by a variable frequency electric motor and transmitted through a coupling reducer. It is mainly used to transport flushing fluid into the borehole during geological core drilling, and can also 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			

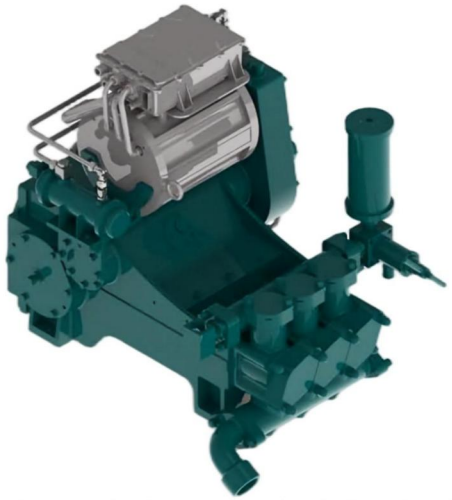
The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

DBW-600 Outline Dimension Drawing





DXBH-600E

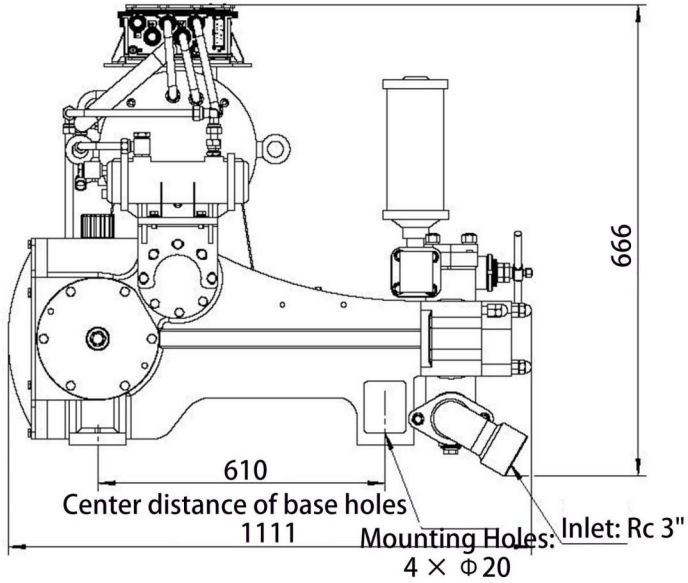


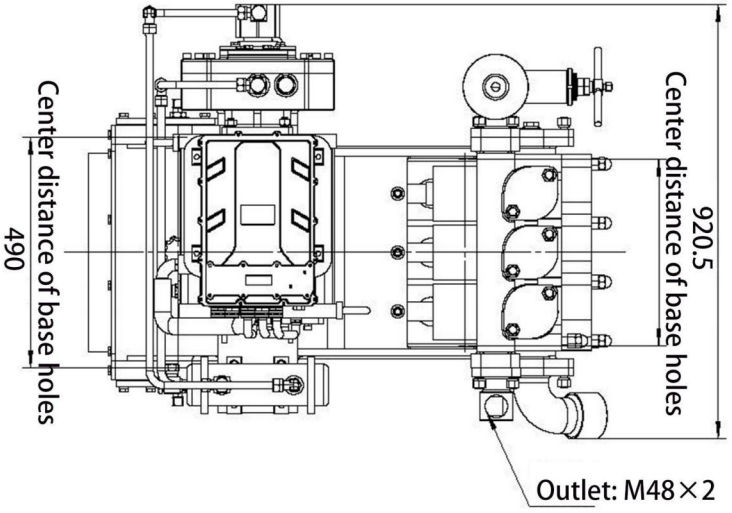
The DXBH-600E reciprocating pump is a horizontal triplex single-acting piston pump driven by a permanent magnet synchronous motor, offering high efficiency, energy savings, and environmental friendliness. It is primarily designed for use with trenchless drilling rigs of around 60 tons, and can also be applied in grouting, mine dewatering, and long-distance water supply applications. The pump features a wide flow and pressure adjustment range. Through the controller, remote stepless speed regulation enables constant power control during flow and pressure variations, replacing the traditional manual gear-shifting operation mode. With new concepts and structural design, the pump is compact, aesthetically pleasing, and easy to install and maintain. It offers long service life of wearing parts and stable performance.

Horizontal triplex reciprocating single acting piston pump	
Stroke（mm）	110
Cylinder Diameter（mm）	100
Pump Speed (r/min)	116 ~ 232
Flow（L/min）	300 ~ 600
Pressure（MPa）	7 ~ 3.5
Rated Power (kW)	42
Max. Suction Lift (m)	2.5
Inlet Connection	Rc 3
Outlet Connection	M48×2
Overall Dimensions (mm)	1111×920.5×999
Weight (kg)	900
Motor Model	TYC55-1750-Z160M12
Rated Speed / Max. Speed (r/min)	1750/3500
Rated Power (kW)	55
Rated Frequency (Hz)	175
Cooling Method	Water-Cooled
Battery Voltage Platform DC (V)	540
Rated Torque (N・m)	300
Cooling Power (kW)	4

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

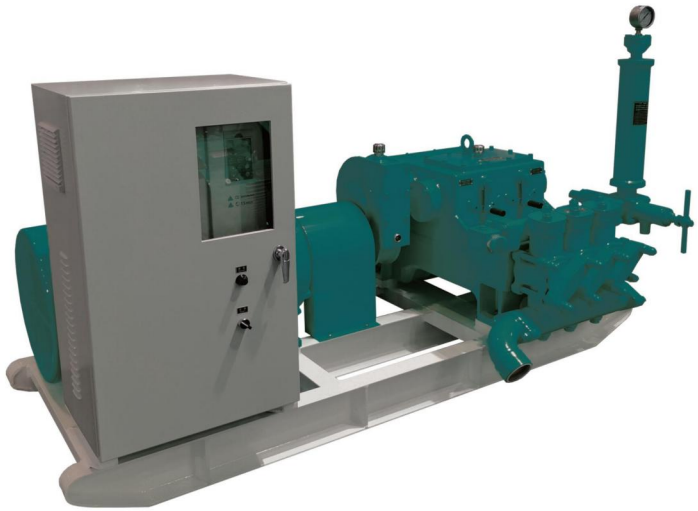
DXBH-600E Outline Dimension Drawing





ELEPHANT

DBW-800（Motor Driven）



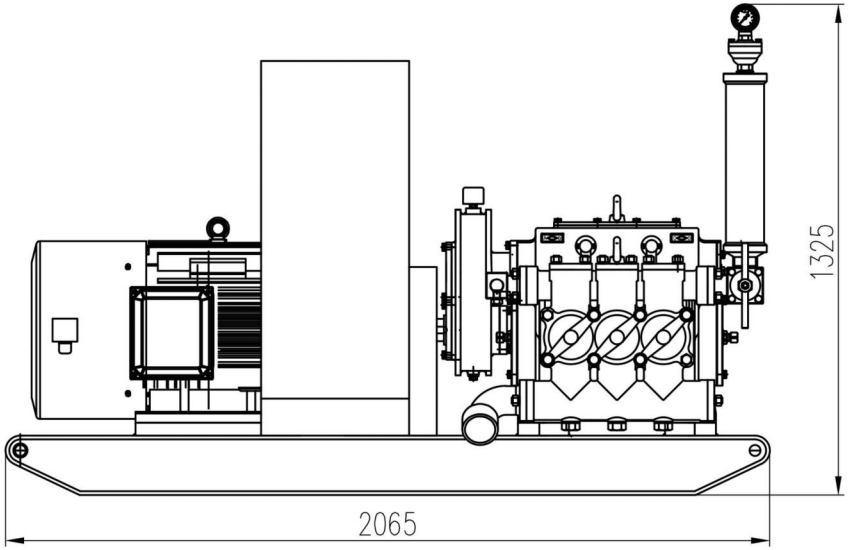
The DBW-800 reciprocating pump is a horizontal triplex reciprocating single-acting piston pump that is driven by a variable frequency electric motor and transmitted through a coupling reducer. It is mainly used to deliver flushing fluid into the borehole during geological core drilling, and can also 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.

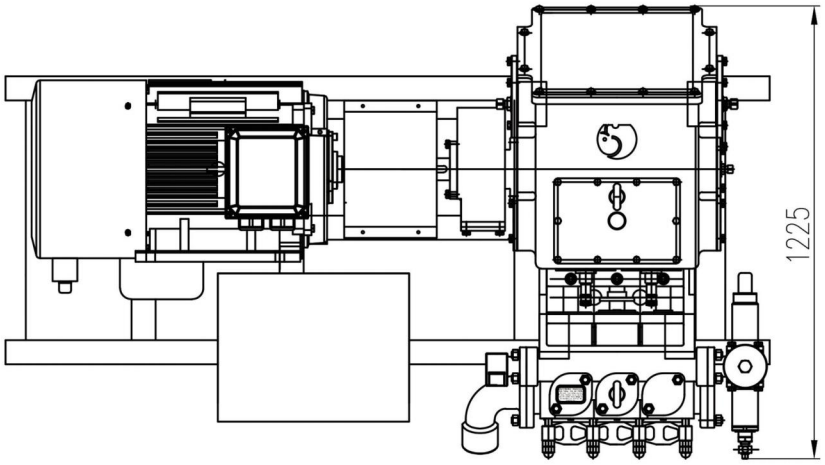
Horizontal triplex reciprocating single acting piston pump	
Stroke（mm）	135
Cylinder diameter（mm）	110
Flow（L/min）	800 550 370 260
Pressure（MPa）	3.5 5 7.5 10
Input speed（r/min）	500
Input power（KW）	55
Dimensions（mm）	2065×1360×1340
Weight（kg）	1880
Motor model	YVF2 250M-4
Motor Power (KW)	55

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

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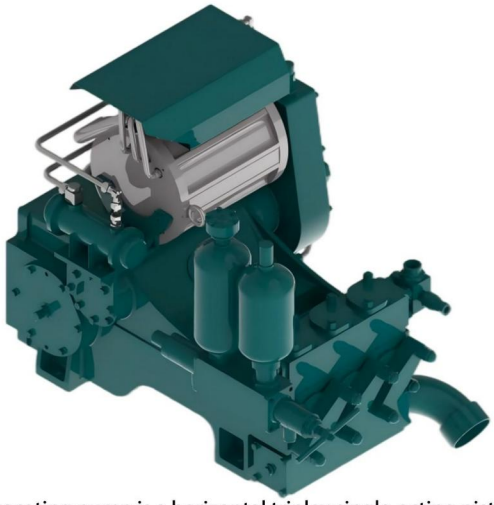
DBW-800 Outline Dimension Drawing





ELEPHANT

DXBH-800E



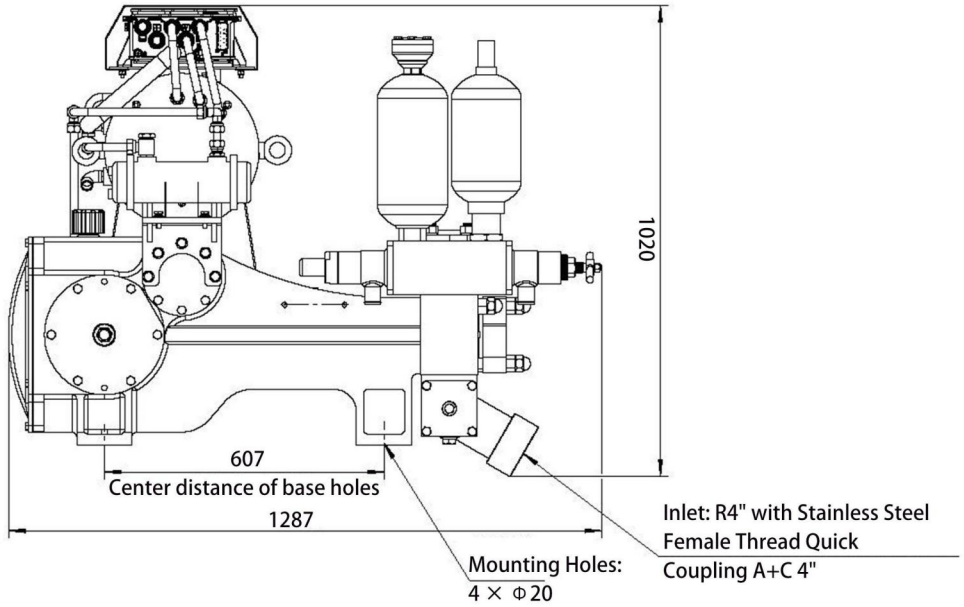
The DXBH-800E reciprocating pump is a horizontal triplex single-acting piston pump driven by a permanent magnet synchronous motor, offering high efficiency, energy savings, and environmental friendliness. It is primarily designed for use with trenchless drilling rigs of around 80 tons, and can also be applied in grouting, mine dewatering, and long-distance water supply applications. The pump features a wide flow and pressure adjustment range. Through the controller, remote stepless speed regulation enables constant power control during flow and pressure variations, replacing the traditional manual gear-shifting operation mode. With new concepts and structural design, the pump is compact, aesthetically pleasing, and easy to install and maintain. It offers long service life of wearing parts and stable performance.

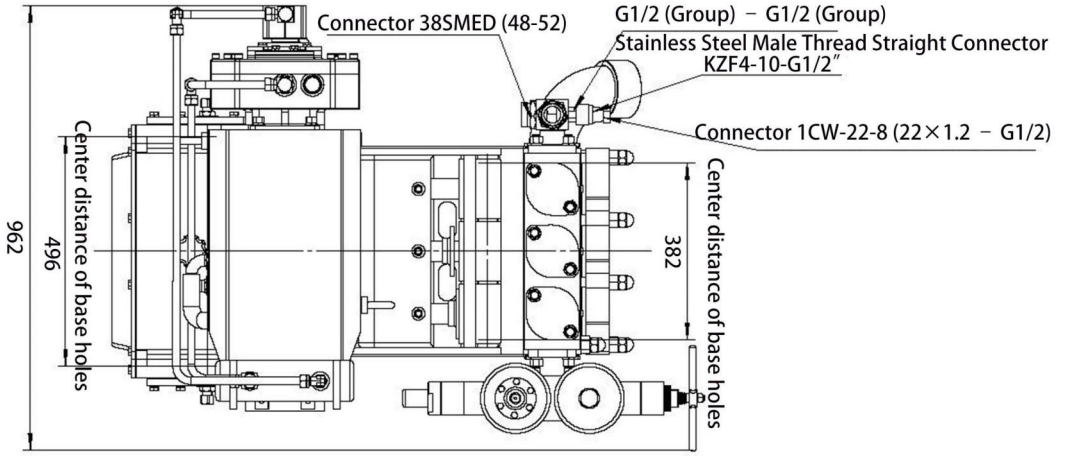
Horizontal triplex reciprocating single acting piston pump	
Stroke（mm）	110
Cylinder Diameter（mm）	110
Pump Speed (r/min)	127 ~ 255
Flow（L/min）	400 ~ 800
Pressure（MPa）	7 ~ 3.5
Rated Power (kW)	55
Max. Suction Lift (m)	2.5
Inlet Connection	R 4
Outlet Connection	Connector 38SMED (48-52)
Overall Dimensions (mm)	1287×962×1020
Weight (kg)	910
Motor Model	TYC55-1750-Z160M12
Rated Speed / Max. Speed (r/min)	1750/3500
Rated Power (kW)	55
Rated Frequency (Hz)	175
Cooling Method	Water-Cooled
Battery Voltage Platform DC (V)	540
Rated Torque (N・m)	300
Cooling Power (kW)	4

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

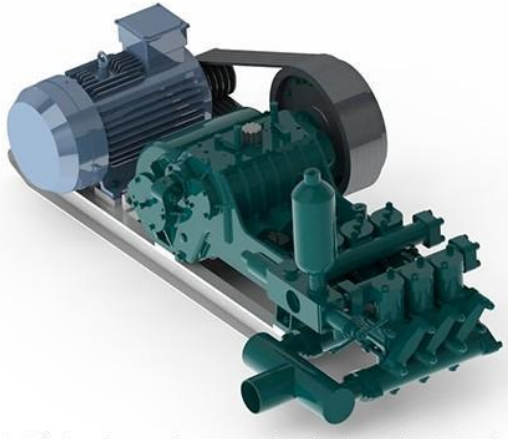
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DXBH-800E Outline Dimension Drawing





DBW-850 5S

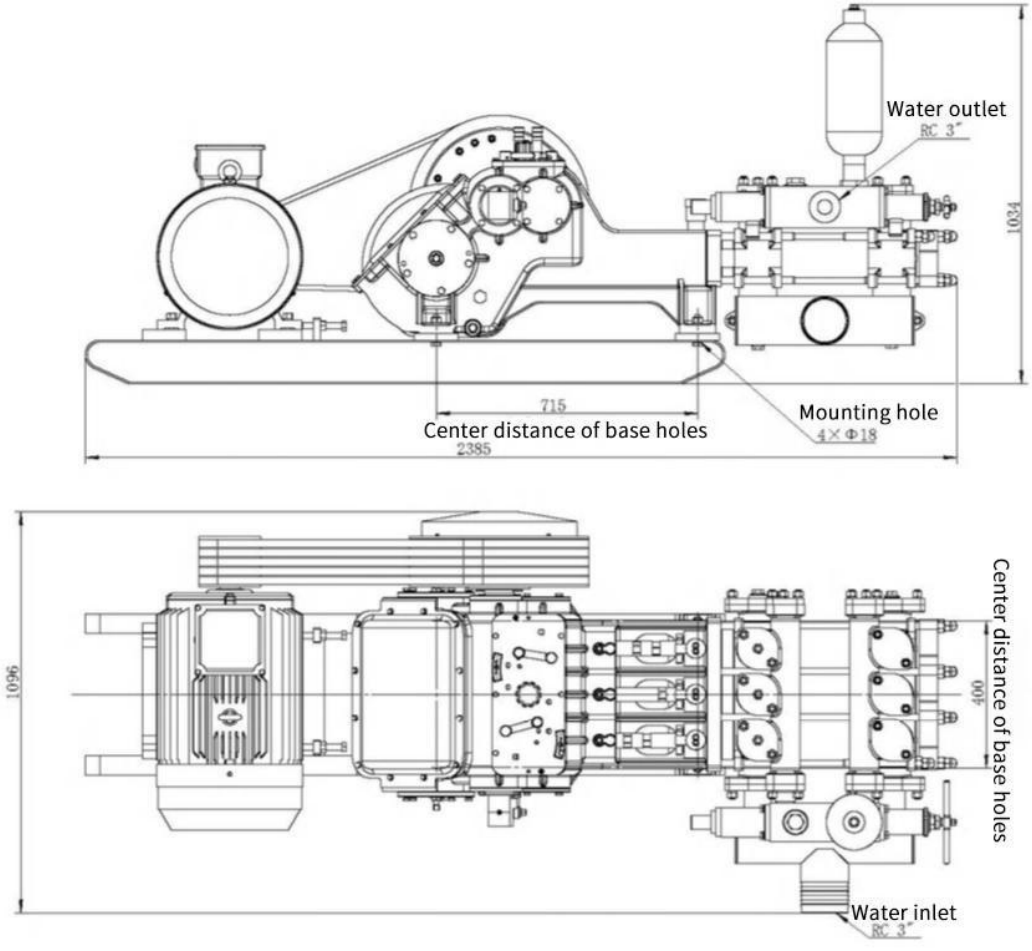


The DBW-850/5S reciprocating pump is a horizontal triplex double-acting piston pump driven by an electric motor. It is primarily used for circulating flushing fluid in geological core drilling operations, as well as for other applications such as grouting, sewage discharge, and long-distance water delivery.This 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.

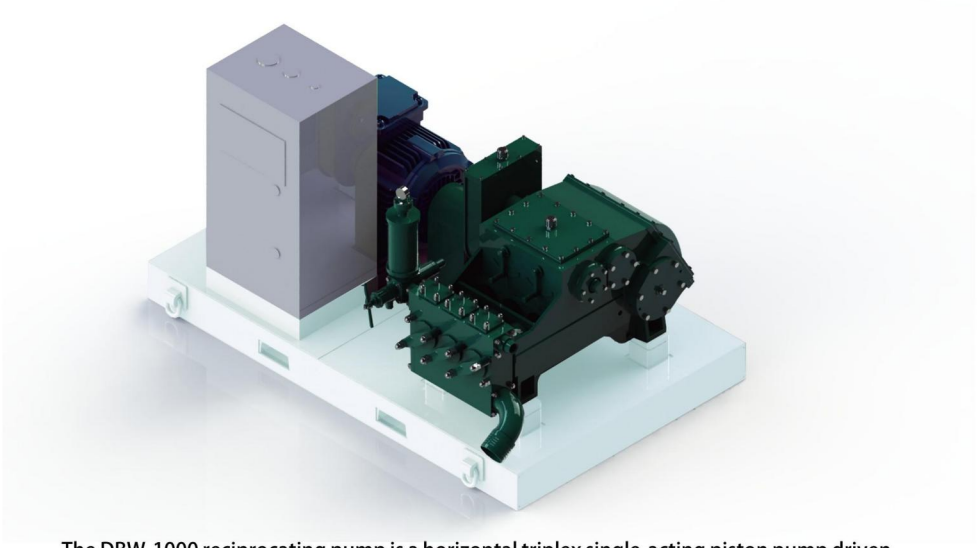
Horizontal triplex reciprocating single acting piston pump	
Stroke(mm)	110
Cylinder diameter(mm)	95
Pump speed(r/min)	203 145 103 74
Flow(L/min)	865 618 429 315.5
Pressure(Mpa)	1.8 2.5 3.5 5
Motor power(Kw)	30
Maximum suction height(m)	2.5
Inlet connection	Rc 3
Outlet connection	M42 × 2
Dimensions(mm)	2385 × 1096 × 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）

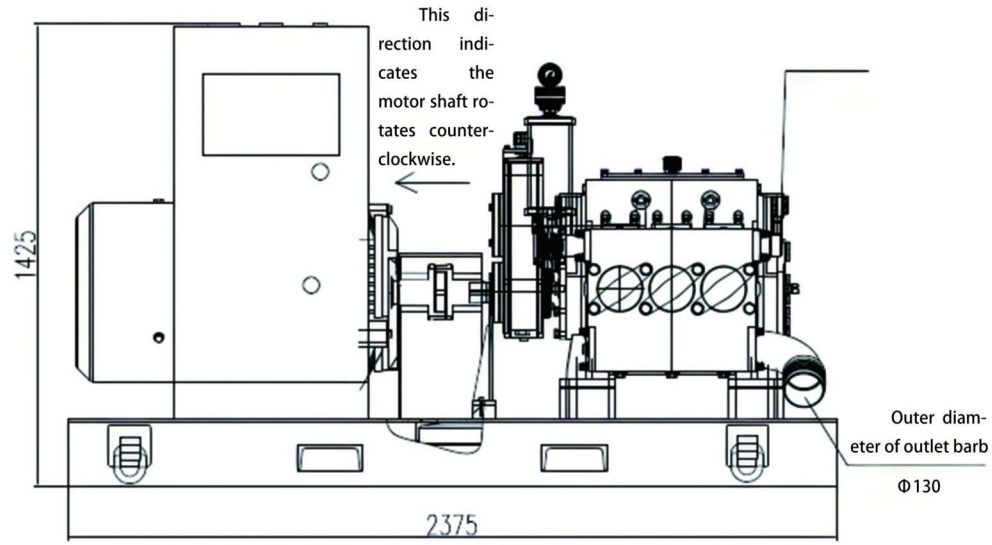


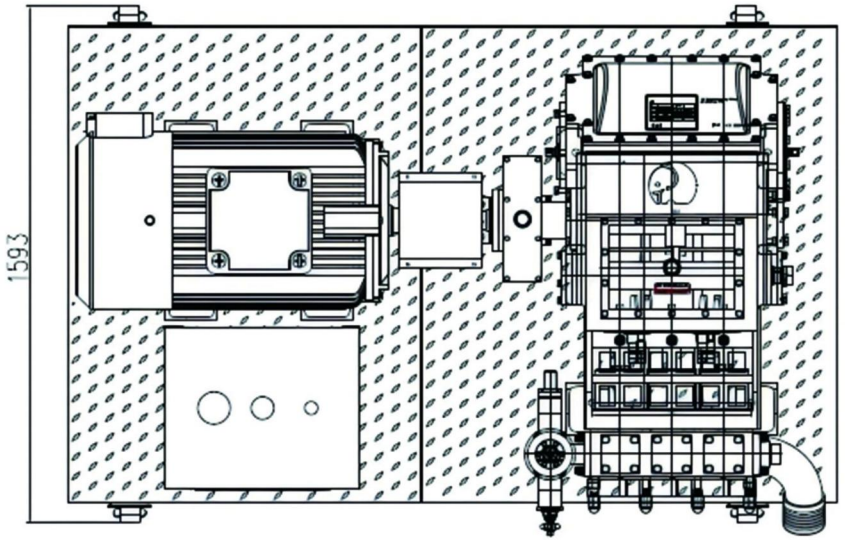
The DBW-1000 reciprocating pump is a horizontal triplex single-acting piston pump driven by an electric motor, offering high efficiency, energy savings, and environmental friendliness. Primarily designed for use with approximately 100-ton trenchless drilling rigs, it can also serve other applications 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）

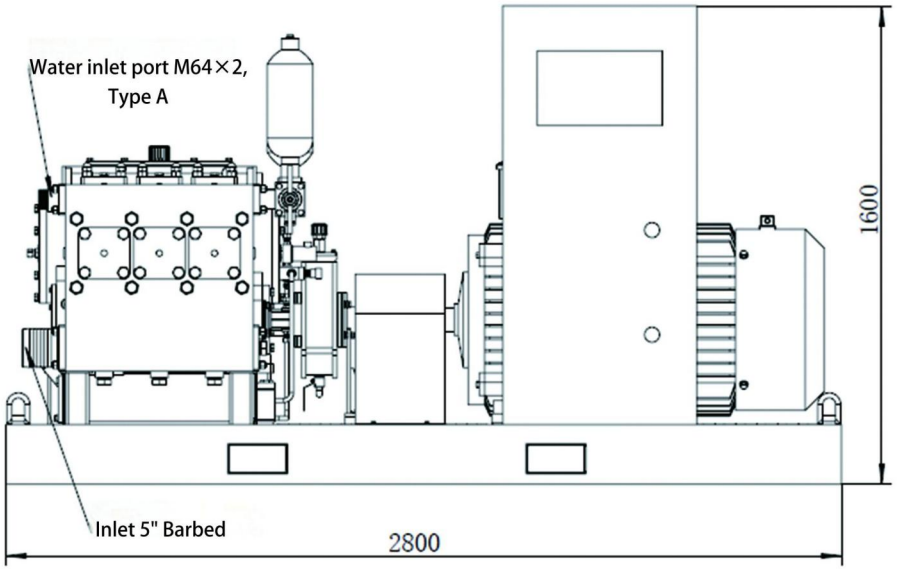


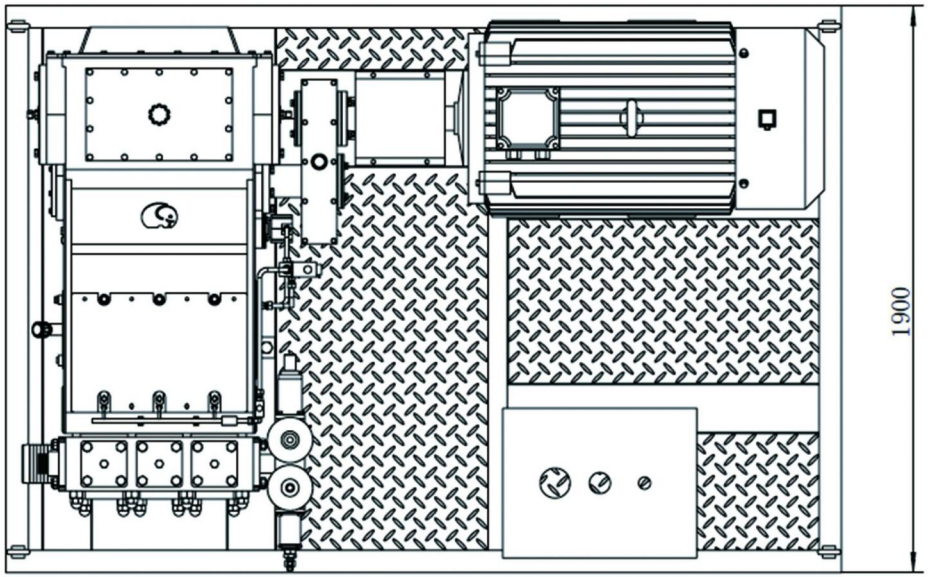
The DBW-1200 reciprocating pump is a horizontally mounted, triple-stage, single-acting piston pump driven by an electric motor. It features high efficiency, energy savings, and environmentally friendly, pollution-free operation. Primarily designed for approximately 120-ton class trenchless drilling rigs, 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.

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

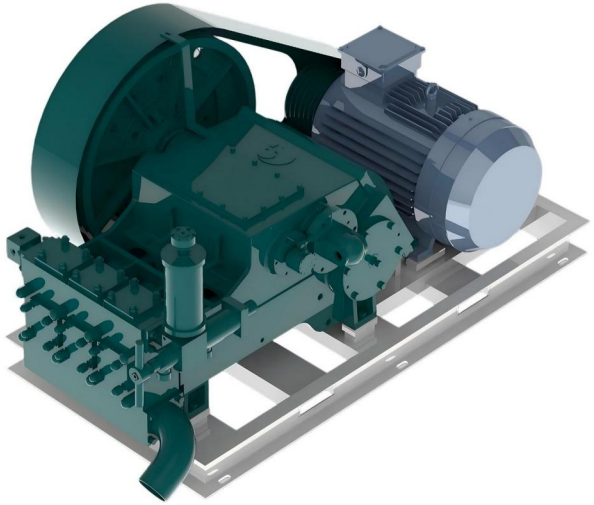
The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

DBW-1200 Outline Dimension Drawing





DBW-1200P

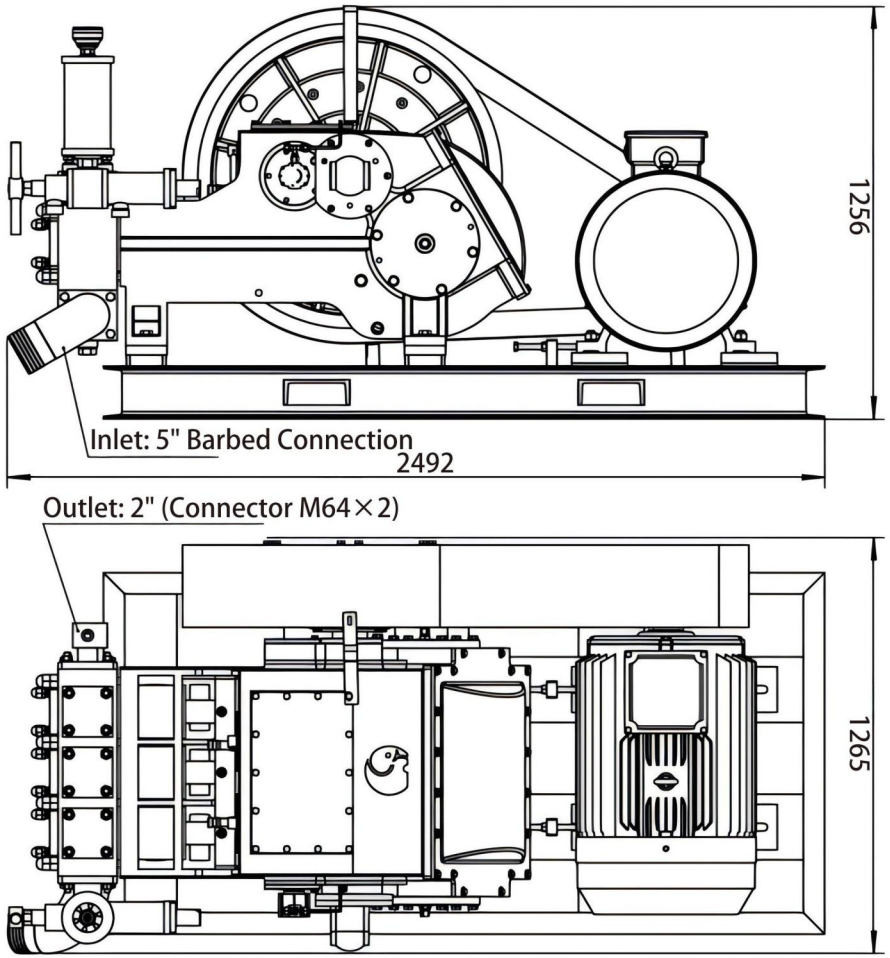


The DBW-1200P reciprocating pump is a horizontal triplex single-acting piston pump driven by a three-phase asynchronous motor. It is primarily designed for use with trenchless drilling rigs of around 150 tons, and can also be applied in grouting, mine dewatering, and long-distance water supply applications. The pump is adaptable to different borehole diameters and pullback operations. The design incorporates new concepts, structures, materials, and processes, resulting in a compact, lightweight, and aesthetically pleasing unit. The pump body, crankshaft, connecting rod, crosshead, pump head, and related components are designed with high series and interchangeability for easy installation and maintenance. It features long wearing part life and high reliability.

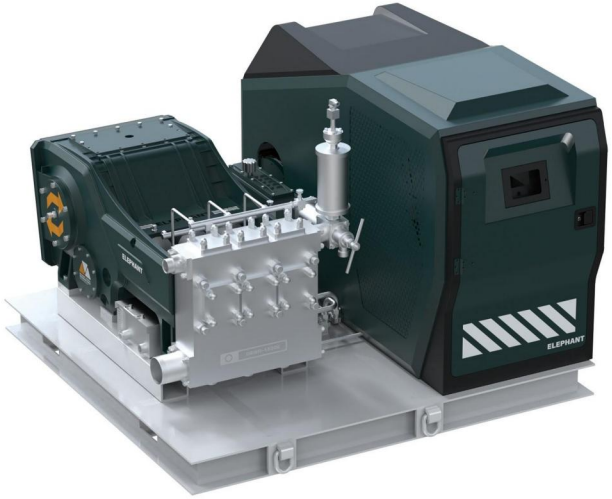
Horizontal triplex reciprocating single acting piston pump	
Stroke（mm）	150
Cylinder Diameter（mm）	125
Pump Speed (r/min)	218 141 109 70
Flow Rate (L/min)	1200 779 600 385
Pressure (MPa)	3.7 5.7 7.4 10
Power (kW)	90
Overall Dimensions (mm)	2492×1265×1256
Weight (kg)	3500
Motor Model	YE3-280M-4-B3

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

DBW-1200P Outline Dimension Drawing



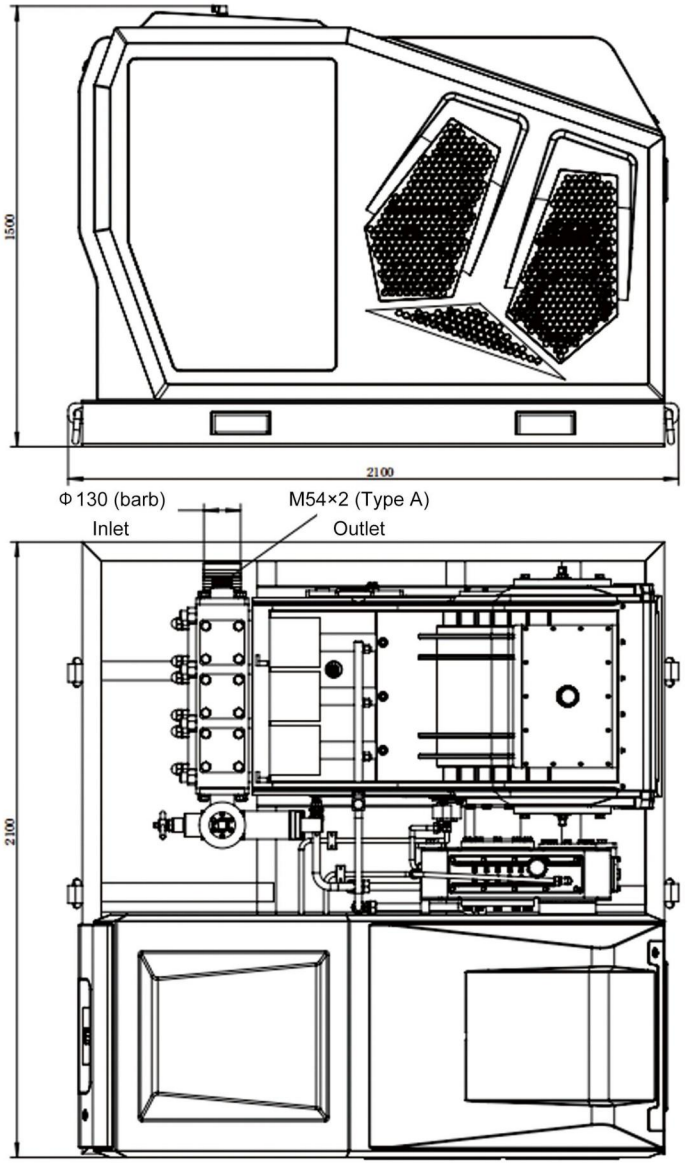
DBWH-1500



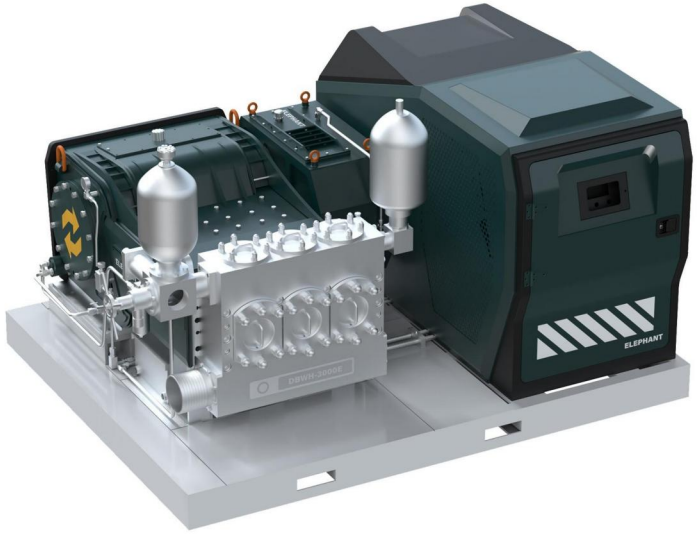
The DBWH-1500 reciprocating pump is a horizontal triplex single-acting piston pump driven by a permanent magnet synchronous motor, offering high efficiency, energy savings, and environmental friendliness. It is primarily designed for use with trenchless drilling rigs of around 150 tons, and can also be applied in grouting, mine dewatering, and long-distance water supply applications. The pump features a wide flow and pressure adjustment range. Through the controller, remote stepless speed regulation enables constant power control during flow and pressure variations, replacing the traditional manual gear-shifting operation mode. With new concepts and structural design, the pump is compact, aesthetically pleasing, and easy to install and maintain. It offers long service life of wearing 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
Drive System	Parallel Shaft Gearbox
Control Modle	Wireless/wired control, display monitoring, local control.

DBWH-1500 Outline Dimension Drawing



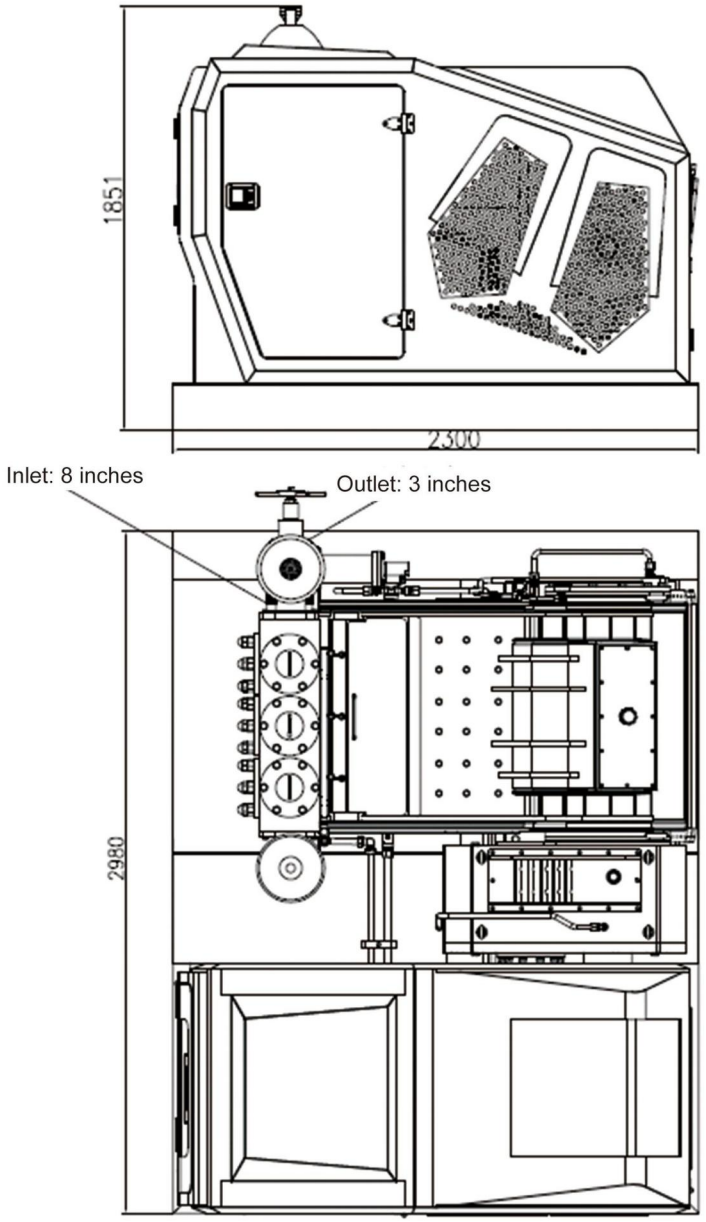
DBWH-3000



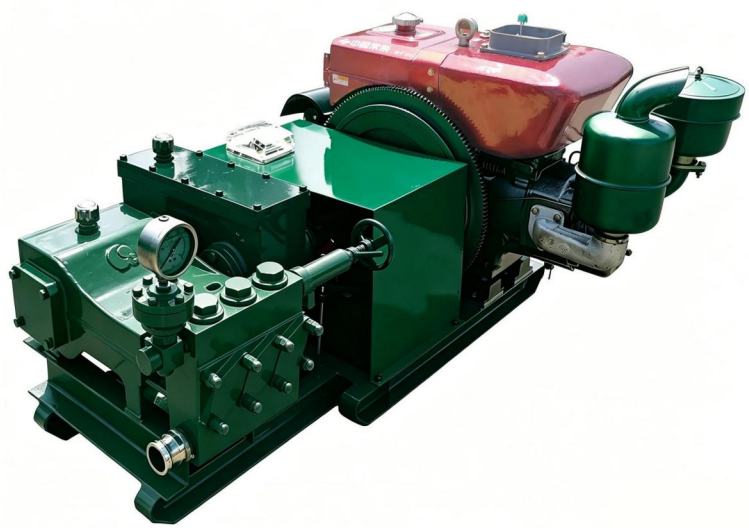
The DBWH-3000 reciprocating pump is a horizontal triplex single-acting piston pump driven by a permanent magnet synchronous motor, offering high efficiency, energy savings, and environmental friendliness. It is primarily designed for use with trenchless drilling rigs of around 500 tons, and can also be applied in grouting, mine dewatering, and long-distance water supply applications. The pump features a wide flow and pressure adjustment range. Through the controller, remote stepless speed regulation enables constant power control during flow and pressure variations, replacing the traditional manual gear-shifting operation mode. With new concepts and structural design, the pump is compact, aesthetically pleasing, and easy to install and maintain. It offers long service life of wearing 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
Maximum Speed (r/min)	3500
Power Unit	Permanent Magnet Synchronous Motor
Control Modle	Wireless/wired control, display monitoring, local control.

DBWH-3000 Outline Dimension Drawing



CBW-100Q

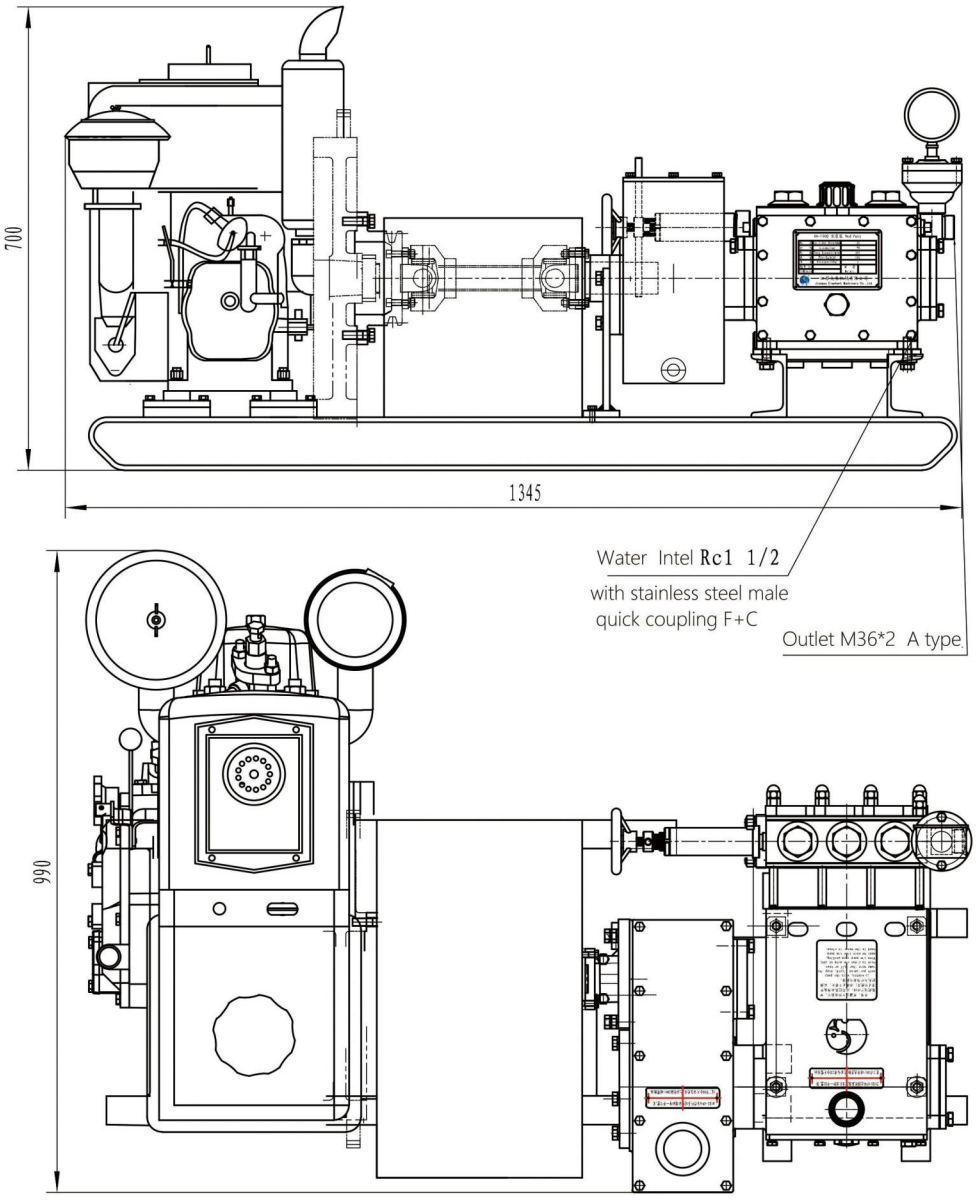


The CBW-100Q reciprocating pump is a horizontal triplex reciprocating single-acting piston pump, driven by a single-cylinder diesel engine and transmitted through a reduction gearbox with a coupling. It is mainly used to convey flushing fluid into the borehole during geological core drilling, and can 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.

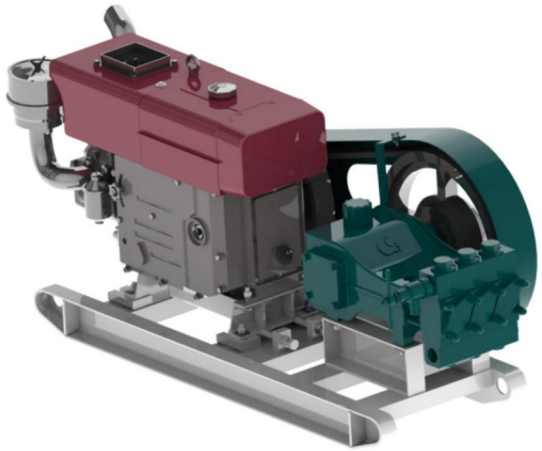
Horizontal triplex reciprocating single acting piston pump	
Stroke（mm）	48
Cylinder diameter（mm）	55
Flow（L/min）	100
Pressure（MPa）	7
Input speed（r/min）	295
Input power（kw）	14
Dimensions（mm）	1345 × 990 × 700
Weight（kg）	415
Diesel engine model	ZS1115
Diesel Engine Power (KW)	16

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

CBW-100Q Outline Dimension Drawing



CBW-100QP



The CBW-100QP reciprocating pump is a horizontal triplex single-acting piston pump driven by a single-cylinder diesel engine with belt pulley transmission. It is primarily designed for use with trenchless drilling rigs of around 10 tons, and can also be applied in grouting, mine dewatering, and long-distance water supply applications. The pump is adaptable to different borehole diameters and pullback operations. The design incorporates new concepts, structures, materials, and processes, resulting in a compact, lightweight, and aesthetically pleasing unit. The pump body, crankshaft, connecting rod, crosshead, pump head, and related components are designed with high series and interchangeability for easy installation and maintenance. It features long wearing part life and high reliability.

Horizontal triplex reciprocating single acting piston pump	
Stroke（mm）	48
Cylinder Diameter（mm）	55
Flow Rate (L/min)	100
Pressure (MPa)	5.5
Pump Speed (r/min)	288
Power (kW)	10.5
Overall Dimensions (mm)	1571×582×682
Weight (kg)	345
Diesel Engine Model	ZS1105
Diesel Engine Power (kW)	13.2
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.

CBW-100QP Outline Dimension Drawing

