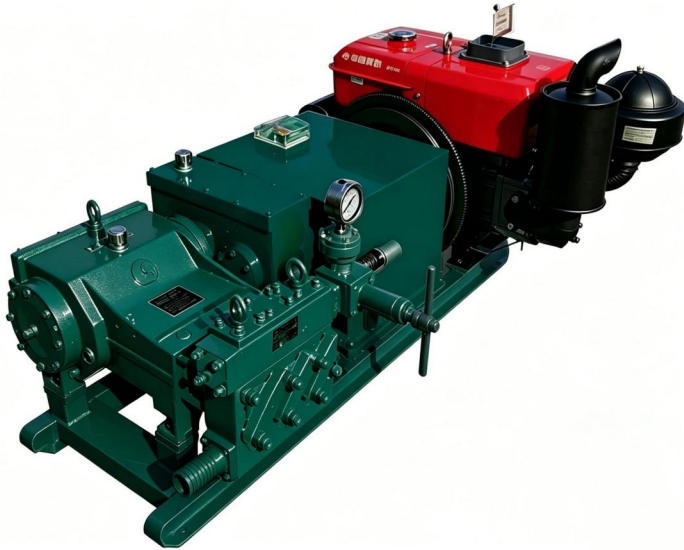


## CBW-105Q

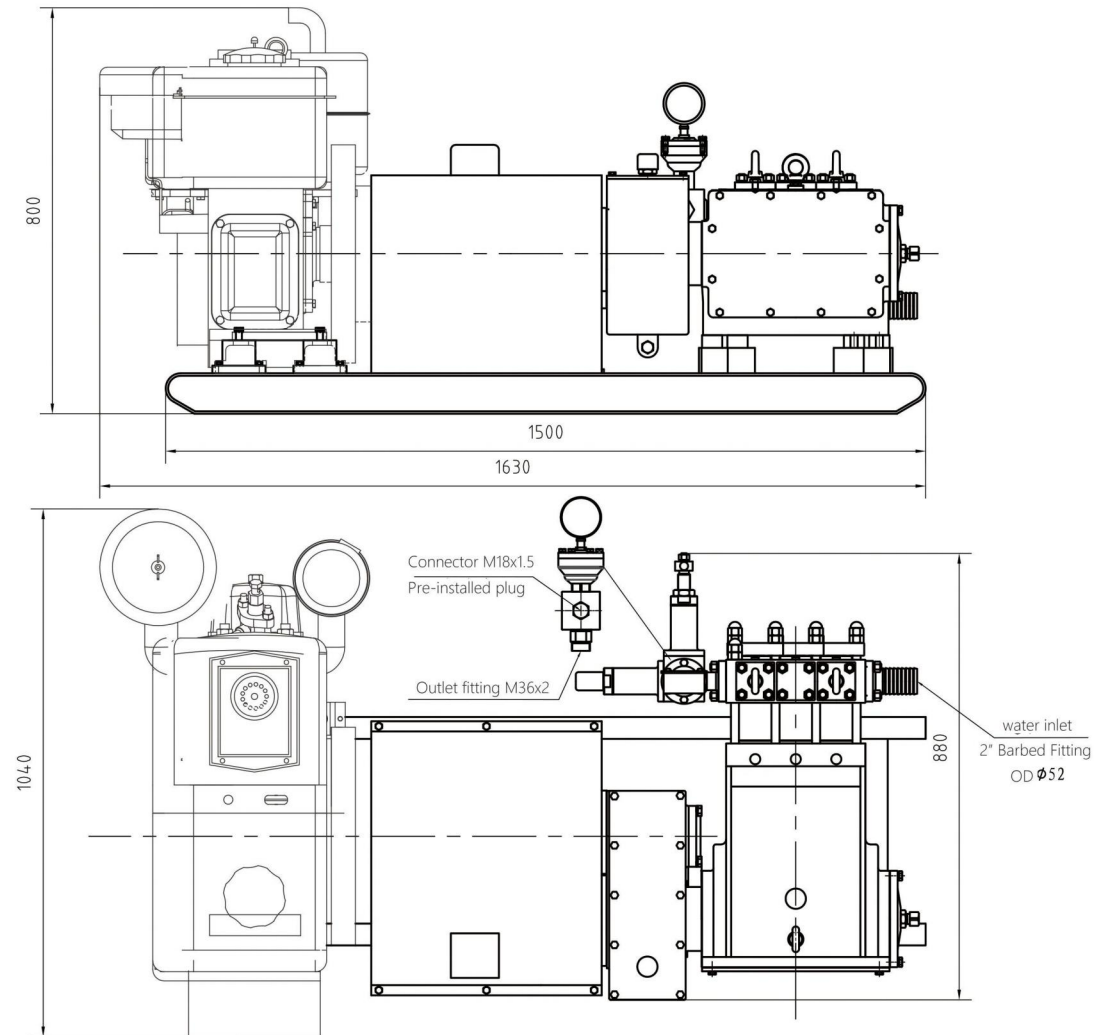


The CBW-105Q reciprocating pump is a horizontal triplex reciprocating single-acting piston pump, driven by a single-cylinder diesel engine and transmitted through a coupling reducer. It is mainly used to deliver flushing fluid to the borehole during geological core drilling, and can also be used for 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 × 880 |
| 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

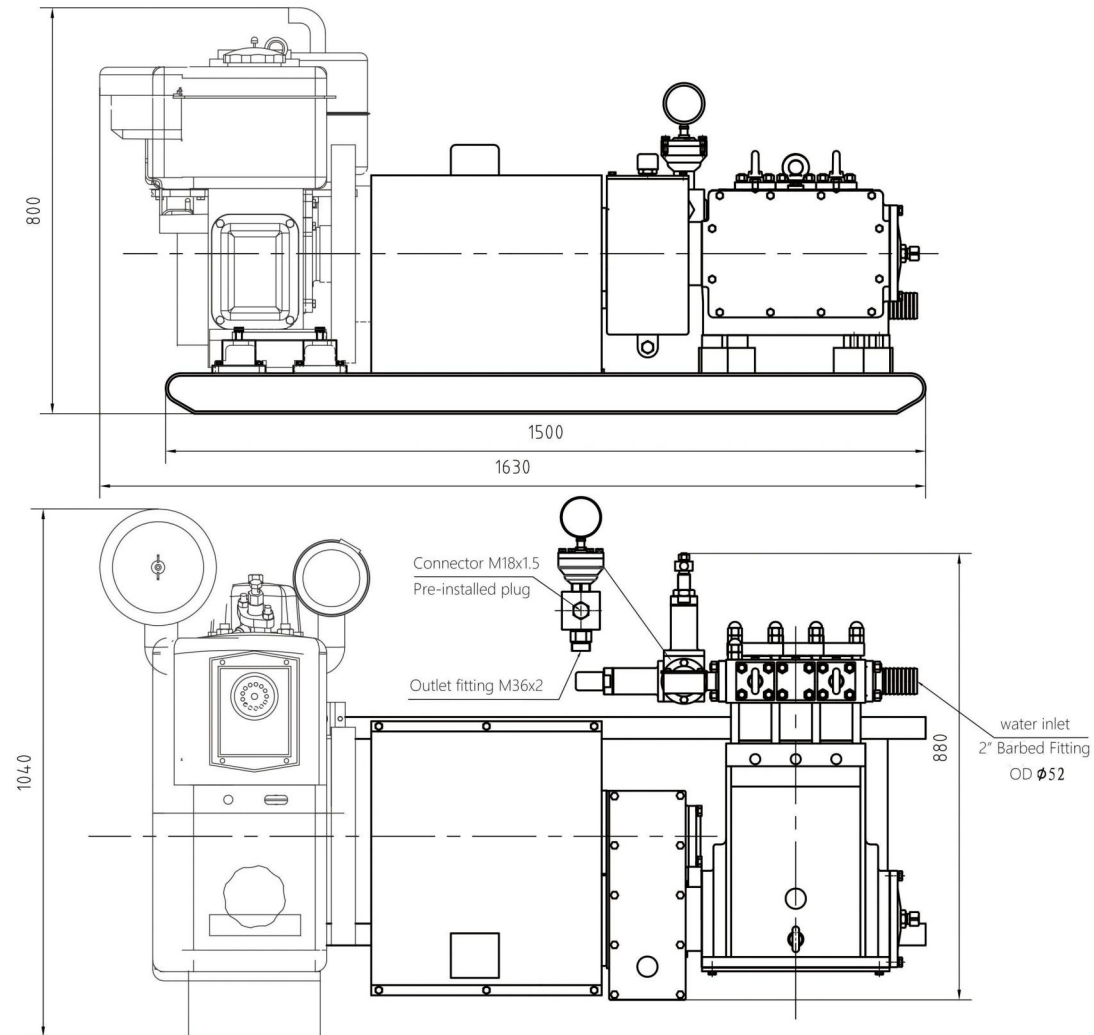


CBW-150Q reciprocating pump is a horizontal triplex reciprocating single-acting piston pump driven by a single-cylinder diesel engine and transmitted through a coupling reducer. It is mainly used to transport flushing fluid into the borehole during geological core drilling, and can also be used for other 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.

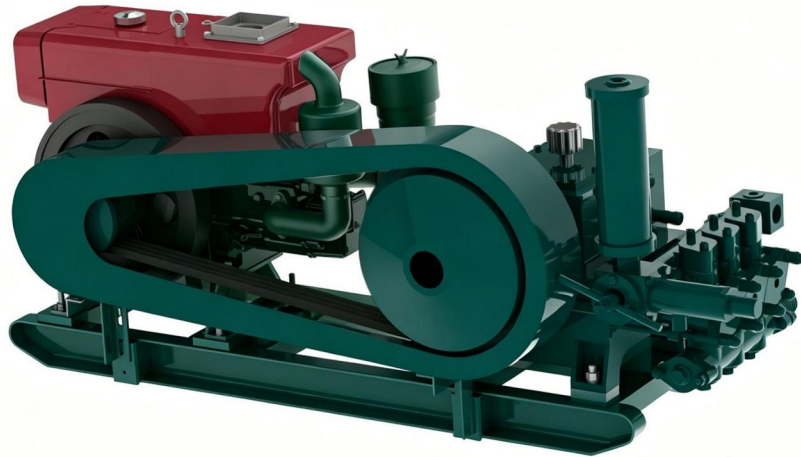
| Horizontal triplex reciprocating single acting piston pump |  |                   |
|------------------------------------------------------------|--|-------------------|
| Stroke (mm)                                                |  | 60                |
| Cylinder diameter (mm)                                     |  | 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.

## CBW-150Q Outline Dimension Drawing



## CBWF-250



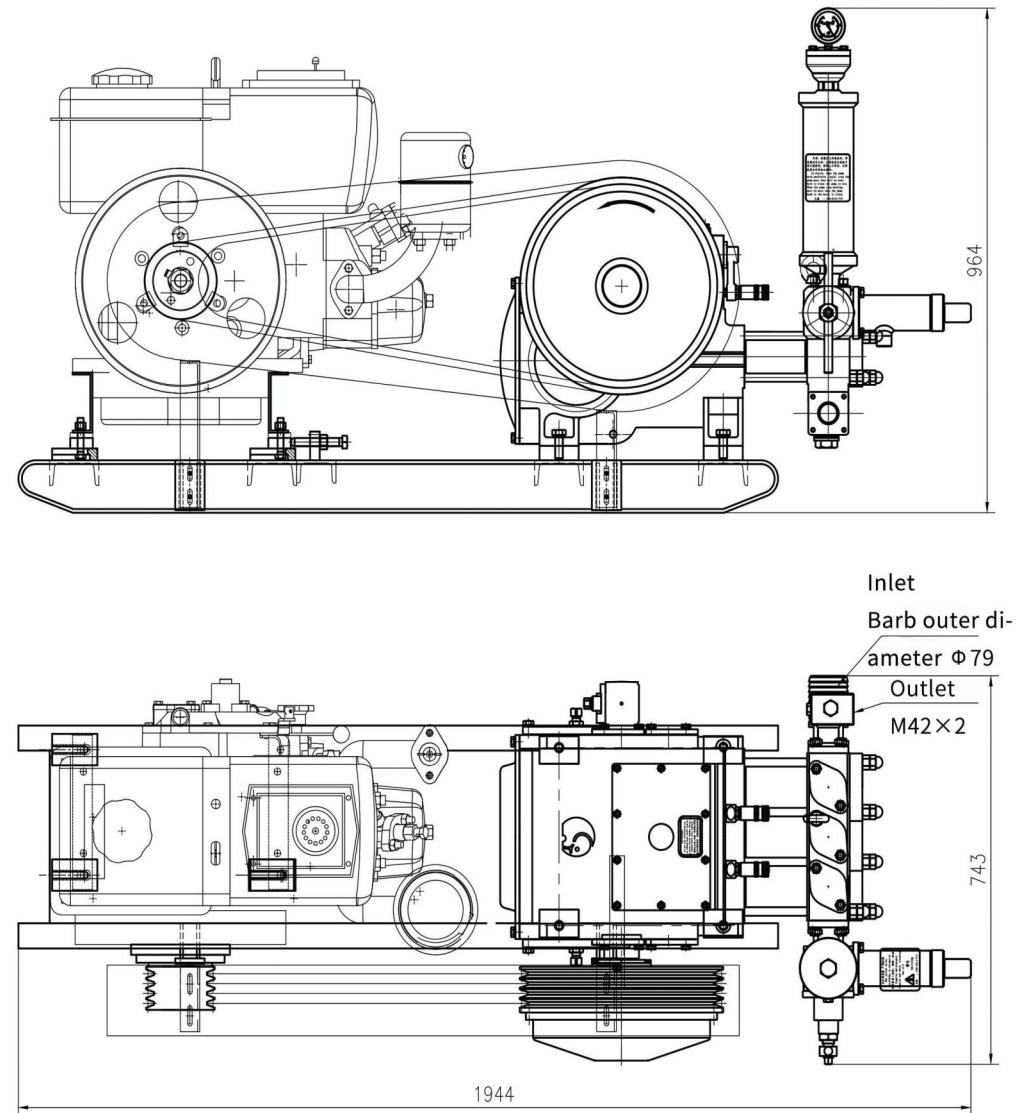
The CBWF-250 reciprocating pump is a horizontal triplex single-acting piston pump, driven by a single-cylinder diesel engine with a pulley clutch transmission. It is primarily used for geological exploration, grouting, mine drainage, long-distance water delivery, and other applications. This pump offers 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 bore-hole 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)

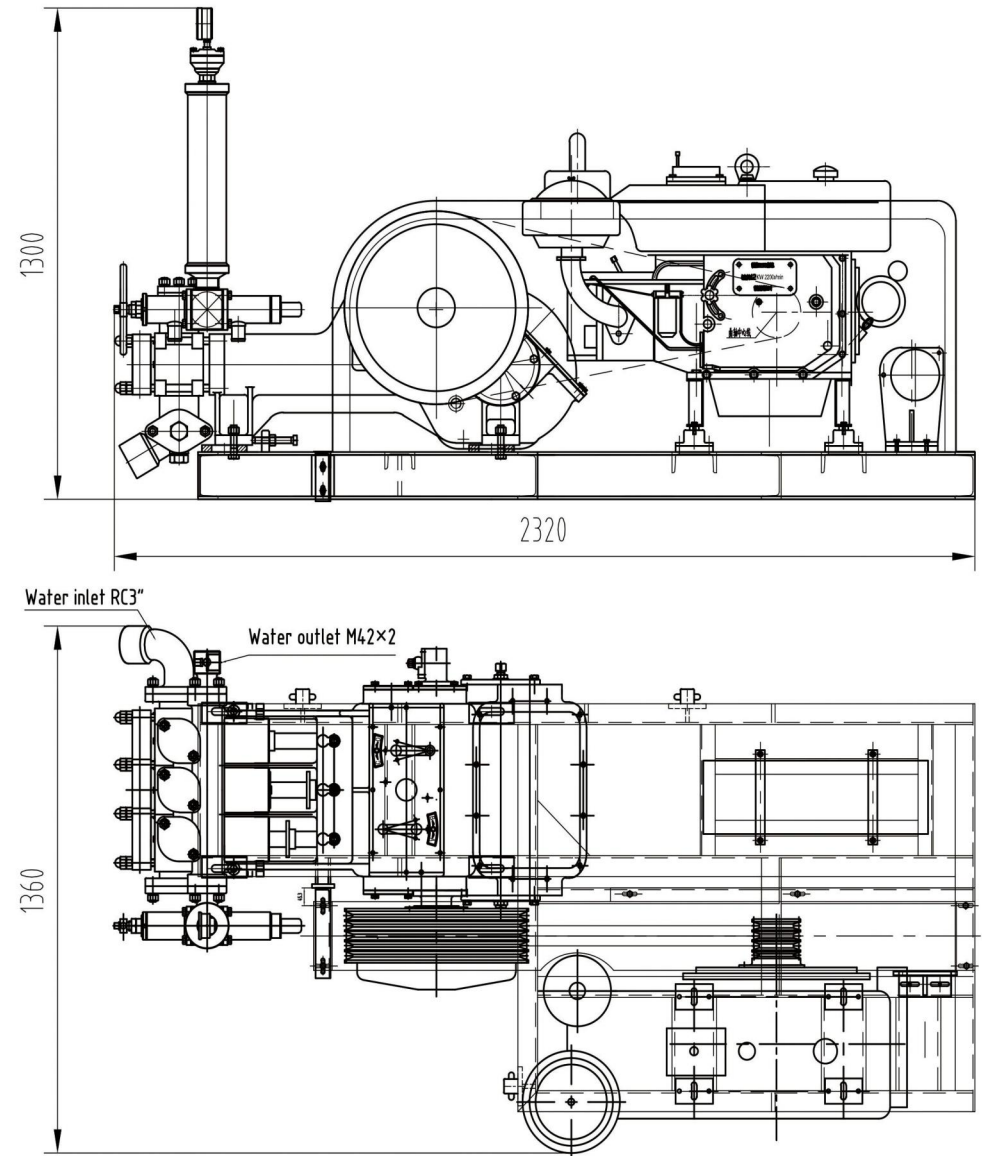


CBW-450/5A reciprocating pump is a horizontal triplex reciprocating single-acting piston pump, which is driven by a single-cylinder diesel engine and belt-driven. It is mainly used for geological exploration, grouting, mine drainage, and long-distance water delivery. The pump has four flow rates and 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.

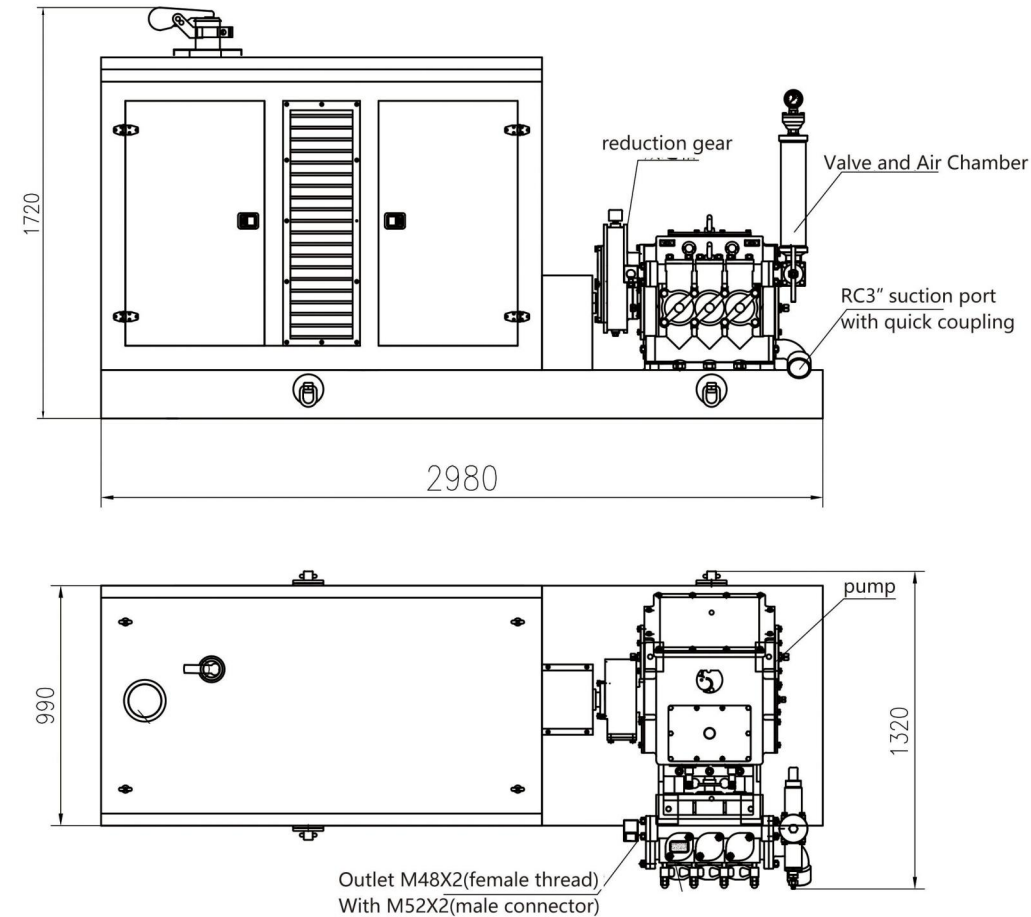
Horizontal triplex reciprocating single acting piston pump

|                          |                    |
|--------------------------|--------------------|
| 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)

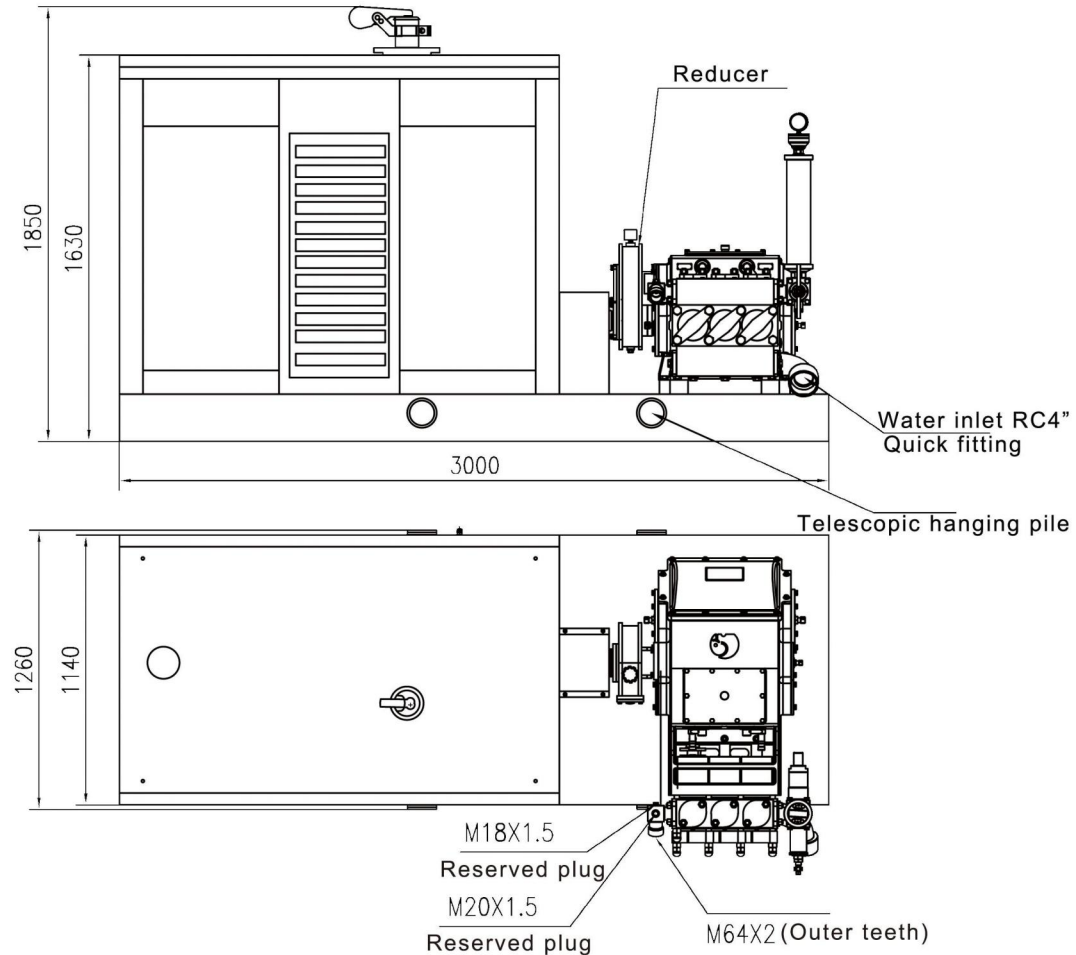


The CBW-800 reciprocating pump is a horizontal triplex reciprocating single-acting piston pump, driven by a diesel engine and using a gearbox instead of traditional belt wheel transmission. It has a wireless remote pneumatic control clutch. It is mainly designed to be used with non-excavation drilling 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)

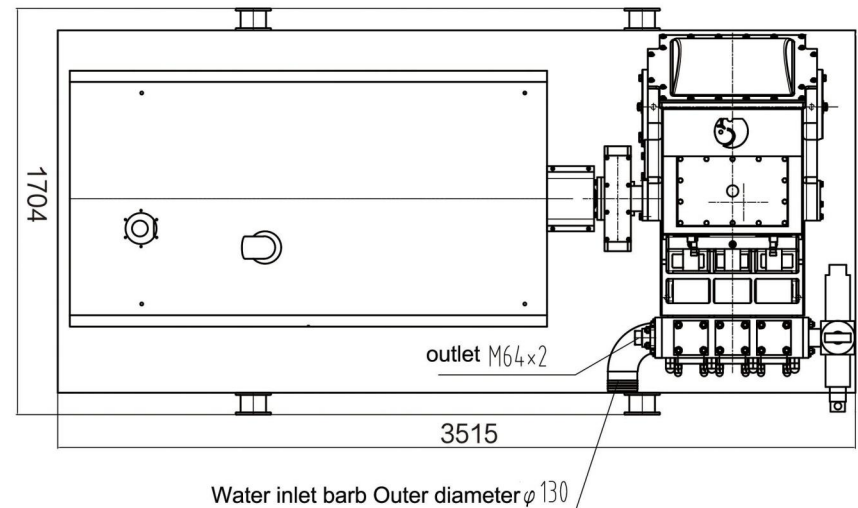
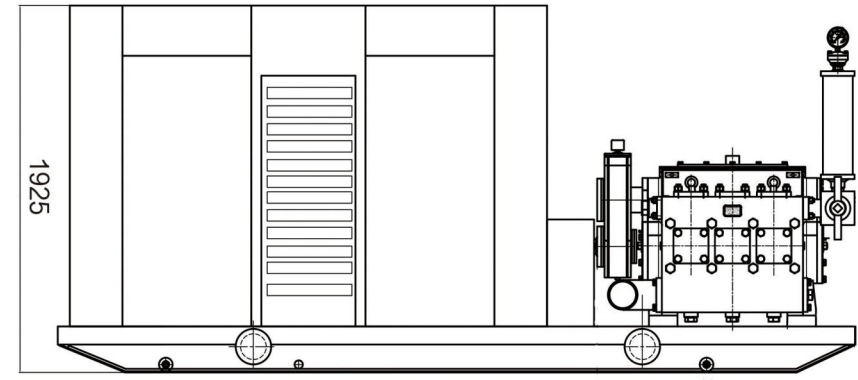


The CBW-1000 reciprocating pump is a horizontal triplex reciprocating single-acting piston pump, driven by a diesel engine and using a gearbox instead of a traditional belt wheel transmission, with a wireless remote pneumatic control clutch. It is mainly used with non-excavation drilling rigs of around 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)

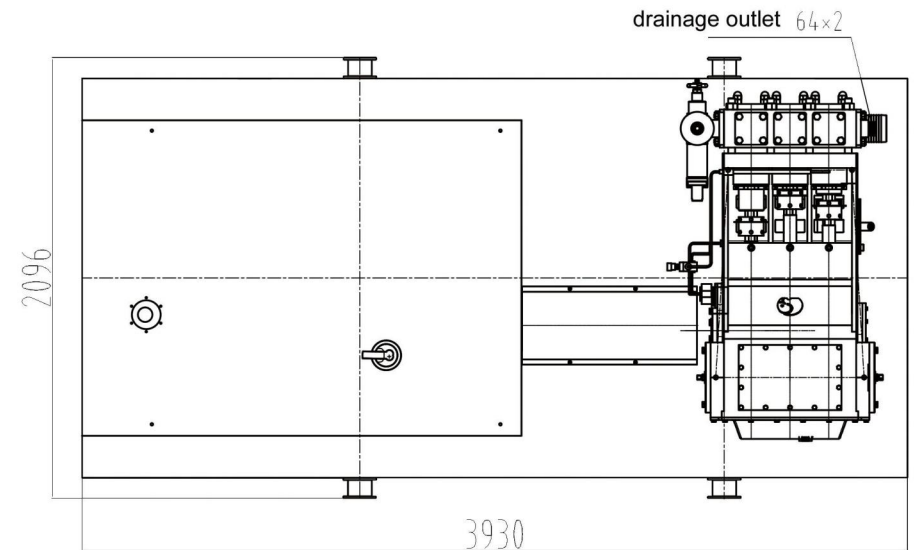
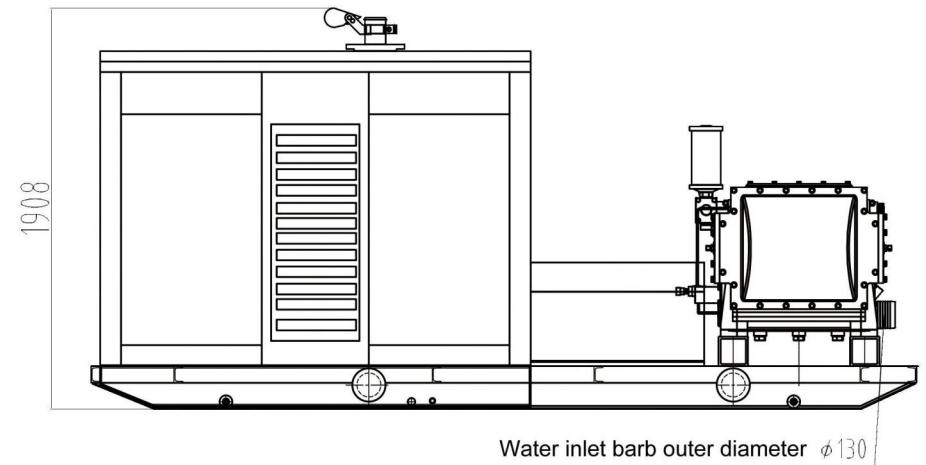


CBW-1200 reciprocating pump is a horizontal triplex reciprocating single-acting plunger pump driven by a diesel engine, equipped with an automatic transmission and wireless remote control. It is mainly used in conjunction with non-excavation drilling rigs of around 150 tons, but can also be used for 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 plunger 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.

## CBW-1200 Outline Dimension Drawing





## 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.

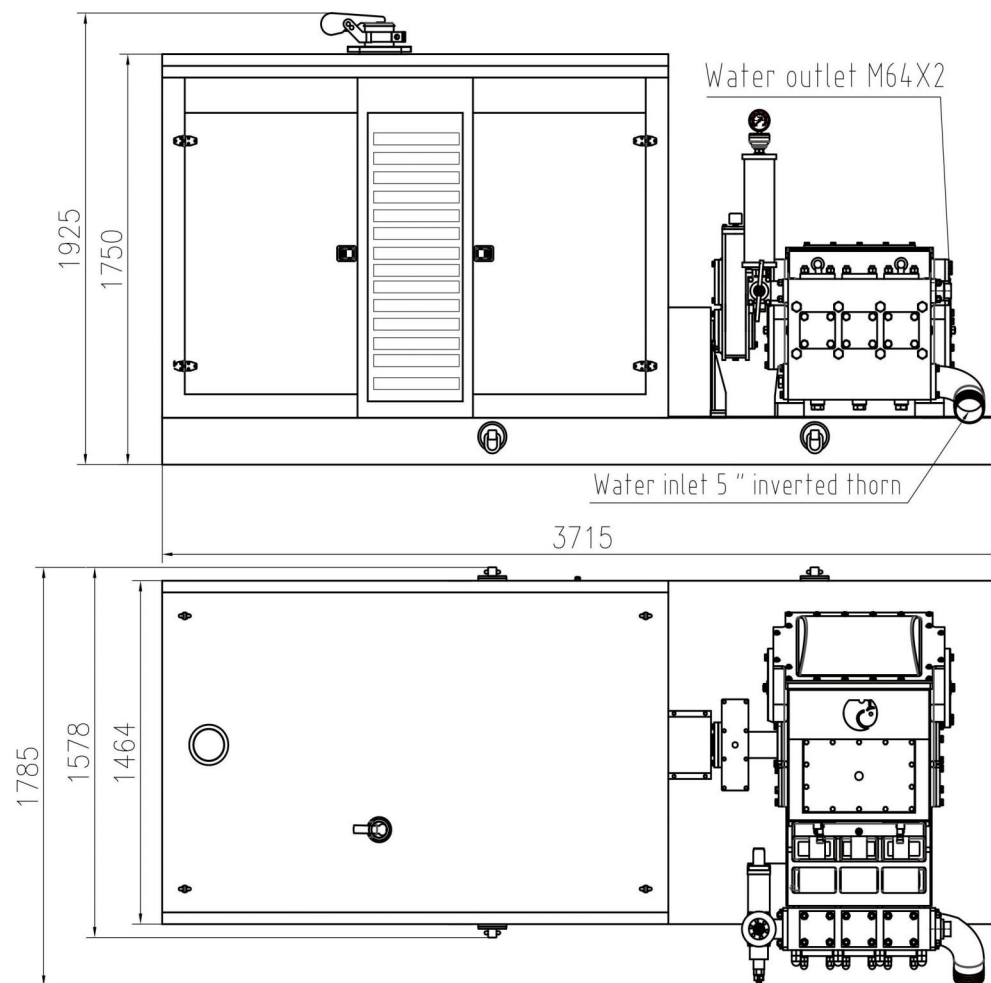
### Horizontal triplex reciprocating single acting piston pump

|                          |                    |     |     |     |
|--------------------------|--------------------|-----|-----|-----|
| 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               |     |     |     |

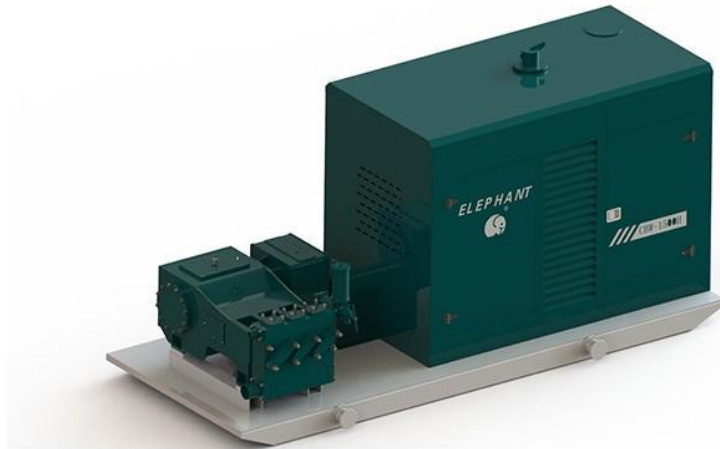
The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.



## CBWH-1200 Outline Dimension Drawing



# CBW-1500H

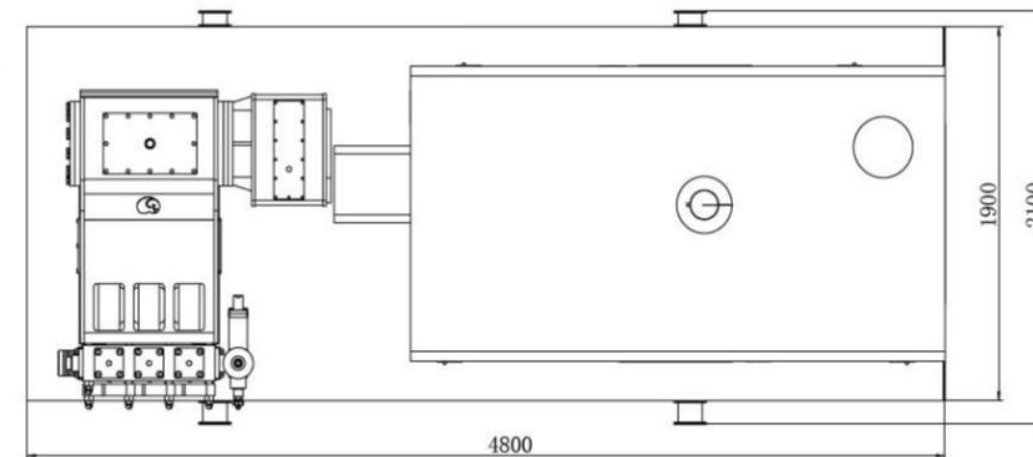
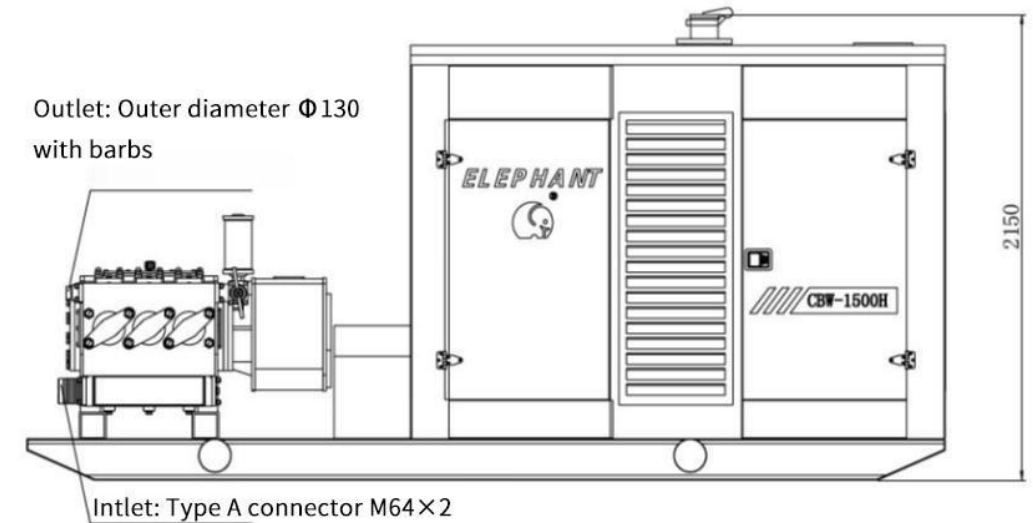


The CBW-1500H reciprocating pump is a horizontal triplex reciprocating single-acting plunger pump, driven by a diesel engine and equipped with an automatic gear-shifting transmission and wireless remote control. It is primarily designed for use with 210-ton horizontal directional drilling (HDD) rigs 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, light-weight 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)



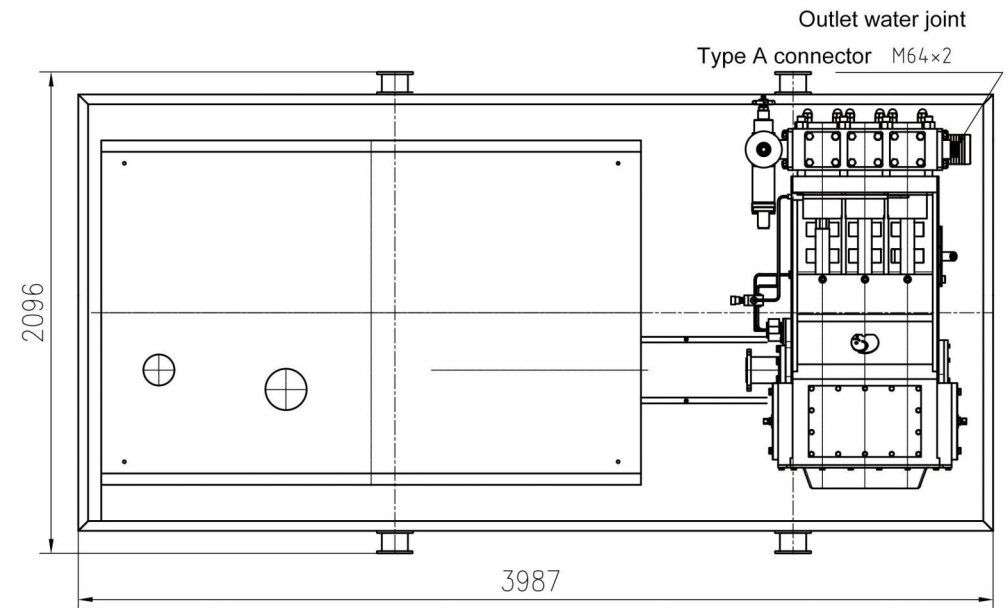
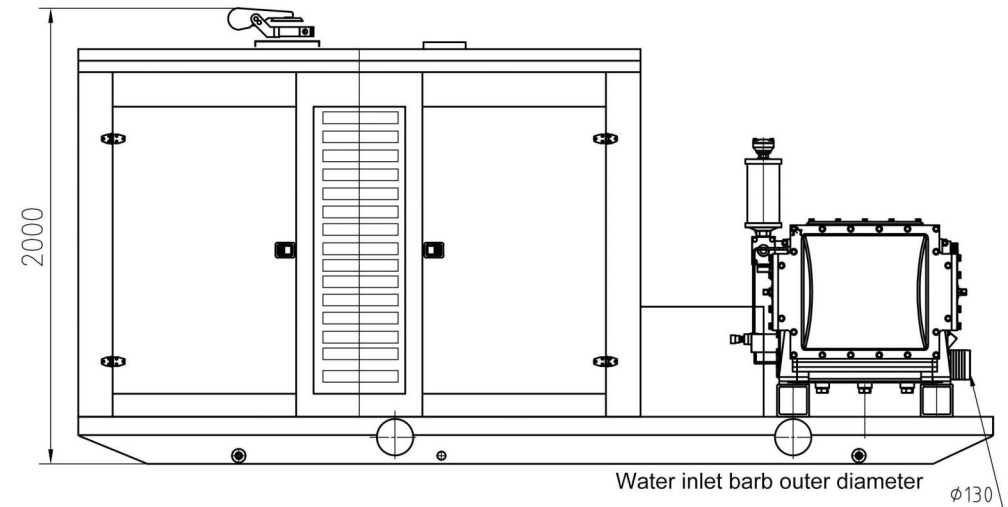
The CBWH-1500 reciprocating pump is a horizontal triplex reciprocating single-acting piston pump driven by a diesel engine, equipped with automatic gear shifting and wire remote control. It is mainly used in conjunction with non-excavation drilling rigs of about 150 tons, and can also be used for other 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)



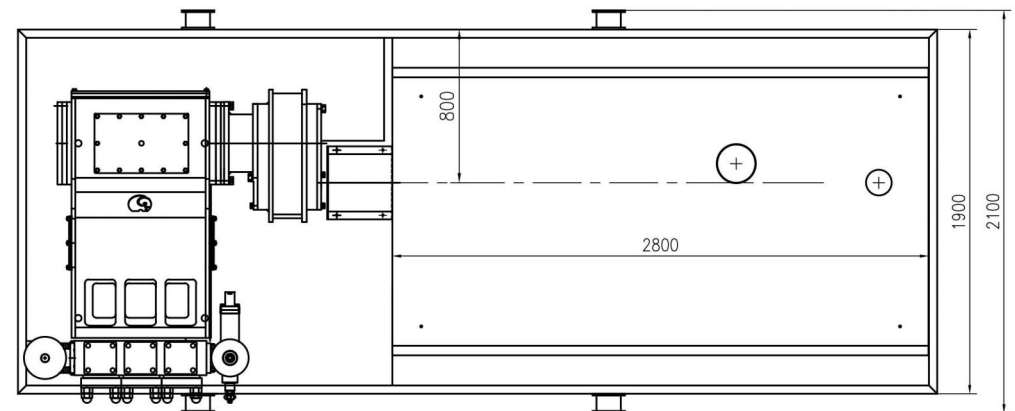
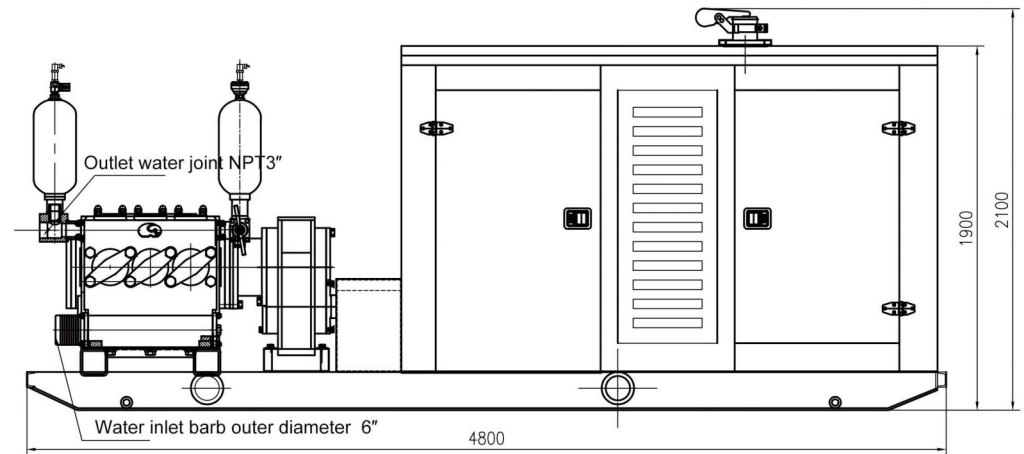
CBW-2000 reciprocating pump is a horizontal triplex reciprocating single-acting plunger pump, driven by diesel engine and equipped with automatic shift gearbox and wireless remote control. It is mainly used in conjunction with non-excavating drilling rigs of about 220 tons, and can also be used for grouting, 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 plunger 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.



## CBW-2000 Outline Dimension Drawing



## CBWH-2000 (Diesel engine power)

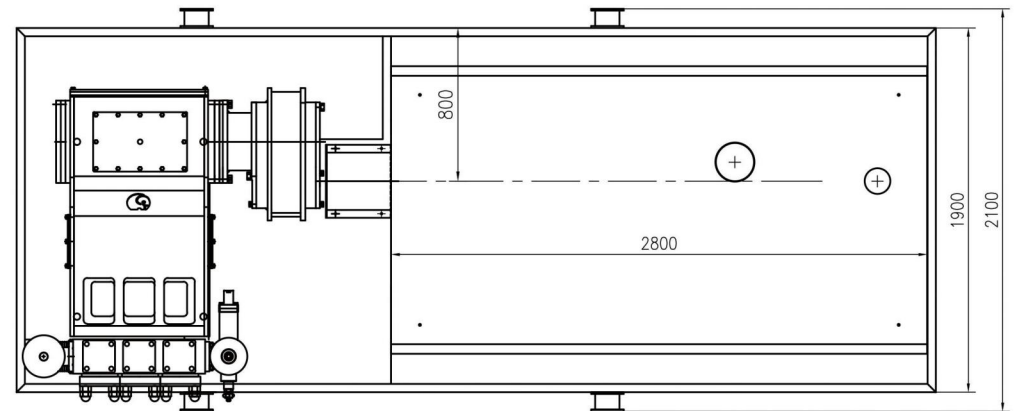
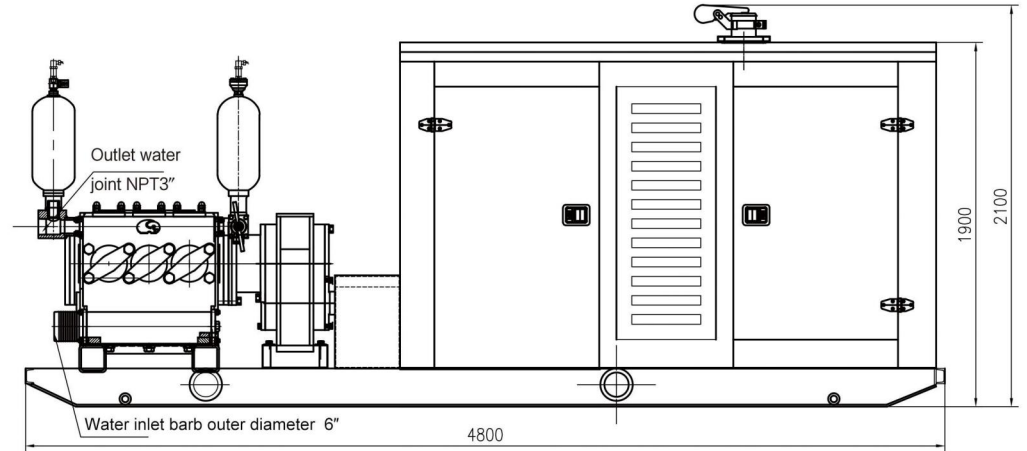


The CBWH-2000 reciprocating pump is a horizontal triplex reciprocating single-acting piston pump that is powered by a diesel engine and equipped with an automatic transmission gearbox and wireless remote control. It is mainly used to complement non-excavation drilling rigs weighing around 220 tons, but 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)

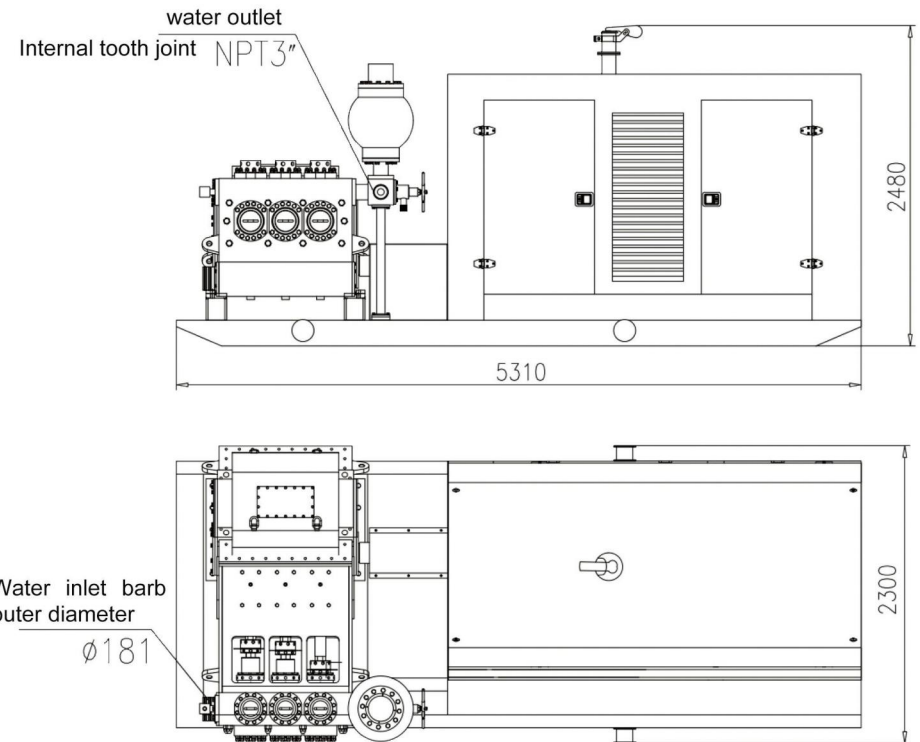


The CBW-2200 reciprocating pump is a horizontal triplex single-acting reciprocating plunger pump driven by a diesel engine, equipped with an automatic transmission, wireless remote control, primarily used in conjunction with non-excavation drilling machines of about 300 tons. It can also be used for 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 plunger 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)

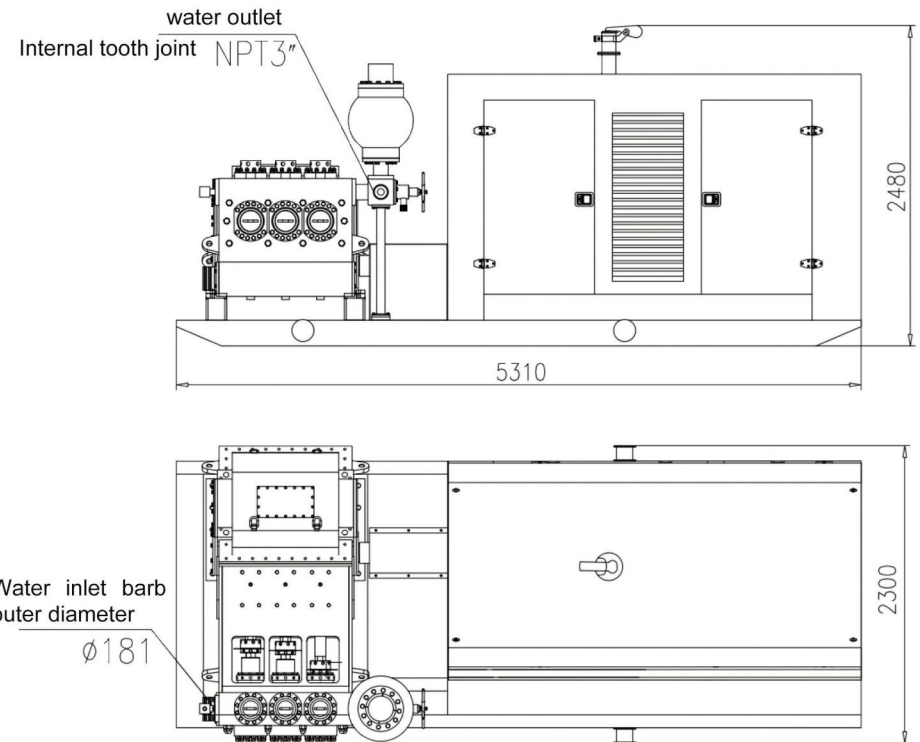


The CBW-2500 reciprocating pump is a horizontal, triplex, single-action reciprocating plunger pump that is powered by a diesel engine and has an automatic transmission gearbox and wireless remote control. It is mainly used in conjunction with non-excavation drilling rigs of around 350 tons, but can also 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.

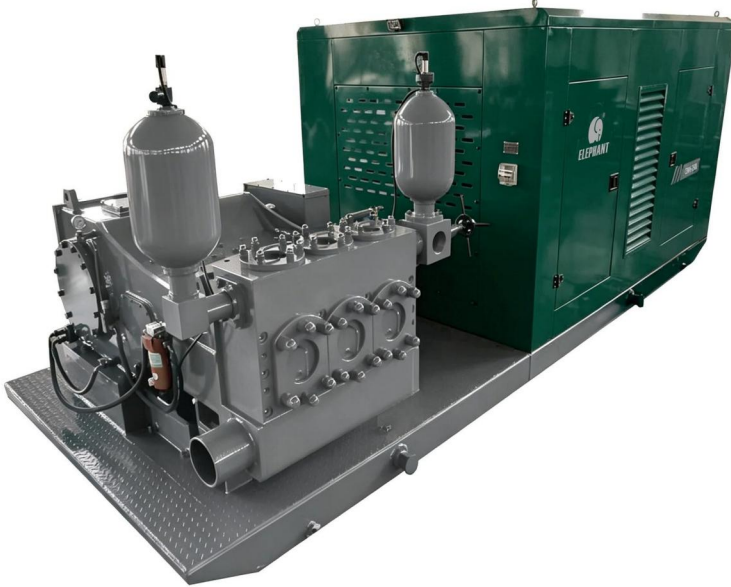
| Horizontal triplex reciprocating single acting plunger pump |                |      |      |     |     |     |
|-------------------------------------------------------------|----------------|------|------|-----|-----|-----|
| Stroke (mm)                                                 | 200            |      |      |     |     |     |
| 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)

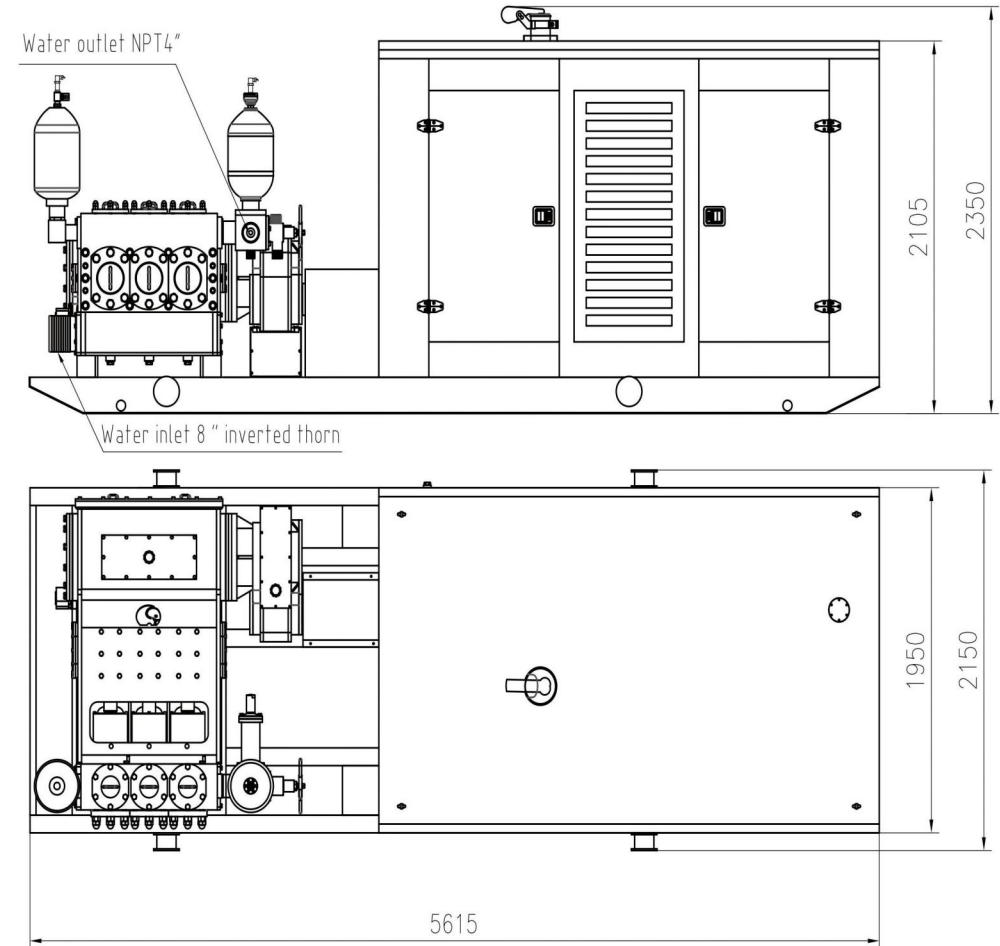


The CBWH-2500 reciprocating pump is a horizontal triplex reciprocal single-acting piston pump, which is driven by a diesel engine and equipped with an automatic transmission, remote wireless control. It is mainly used in conjunction with non-excavation drilling rigs of about 400 tons, and can also be 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.

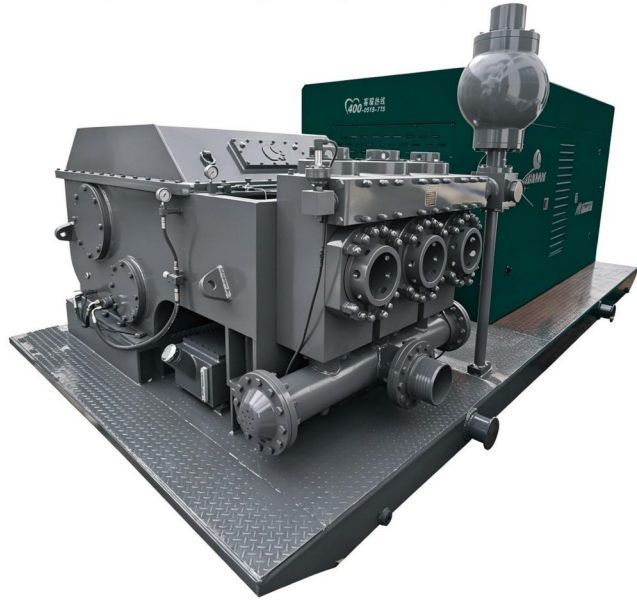
| Horizontal triplex reciprocating single acting piston pump |                    |      |      |     |     |
|------------------------------------------------------------|--------------------|------|------|-----|-----|
| Stroke (mm)                                                | 160                |      |      |     |     |
| 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.

## CBWH-2500 Outline Dimension Drawing



## CBW-2800 (Diesel engine power)



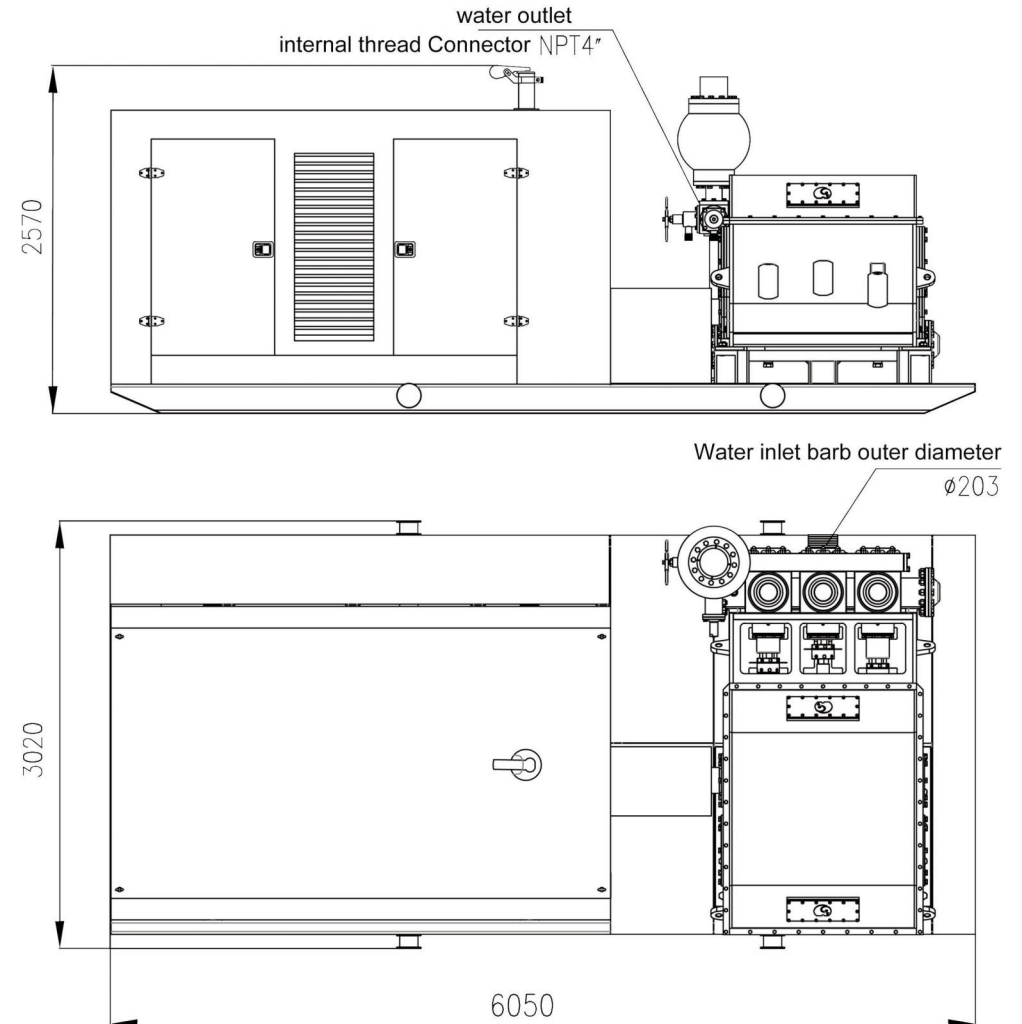
The CBW-2800 reciprocating pump is a horizontal triplex reciprocating single-acting plunger pump, driven by a diesel engine, equipped with an automatic transmission and wireless remote control. It is mainly used for matching with non-excavation drilling rigs of around 500 tons, and can also be used for 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 plunger 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               |      |      |      |     |

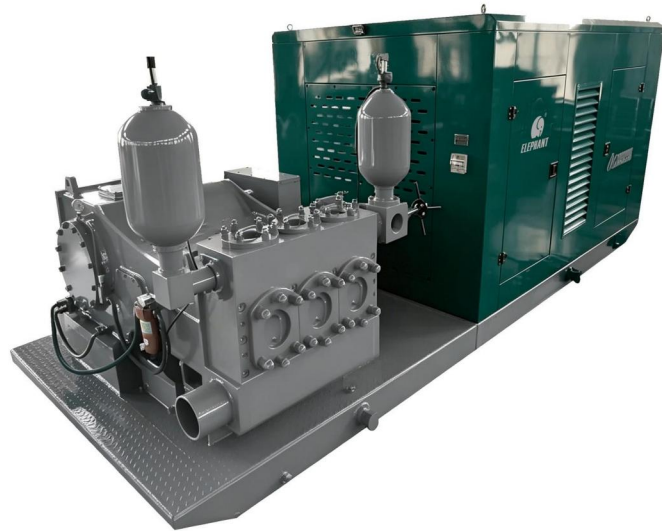
The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.

## CBW-2800 Outline Dimension Drawing





## CBWH-3000 (Diesel engine power)



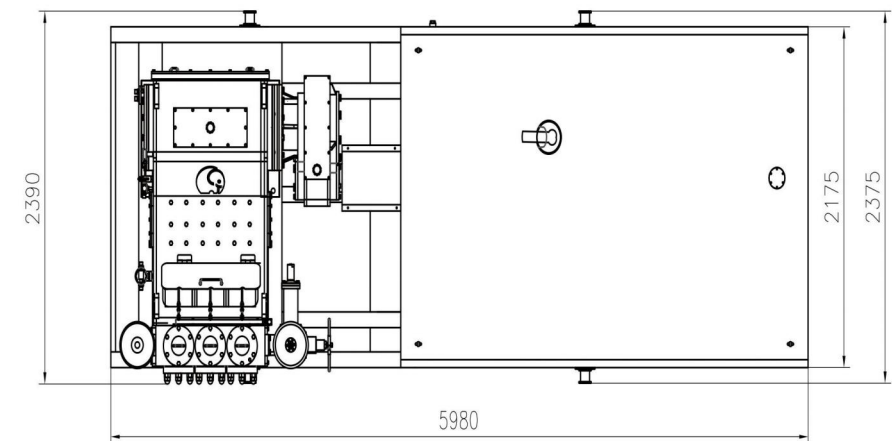
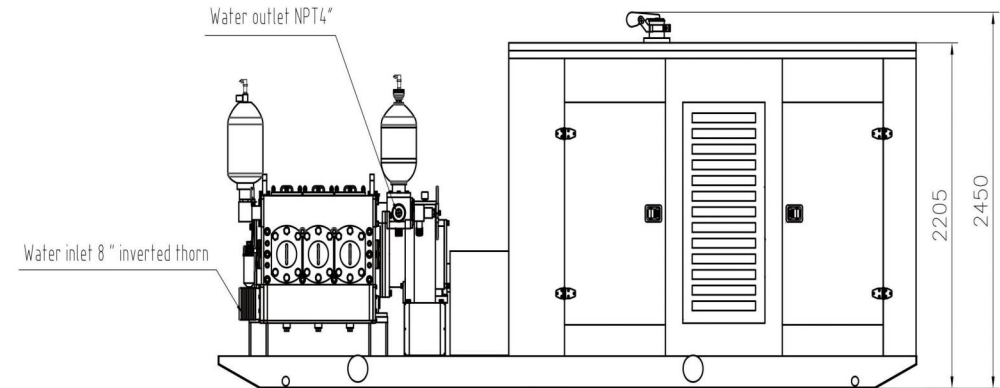
The CBWH-3000 reciprocating pump is a horizontal, triplex, single-acting piston pump that is driven by a diesel engine and equipped with an automatic transmission and wireless remote control. It is mainly used in conjunction with non-excavation drilling machines weighing around 500 tons, as well as for 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               |      |      |      |     |

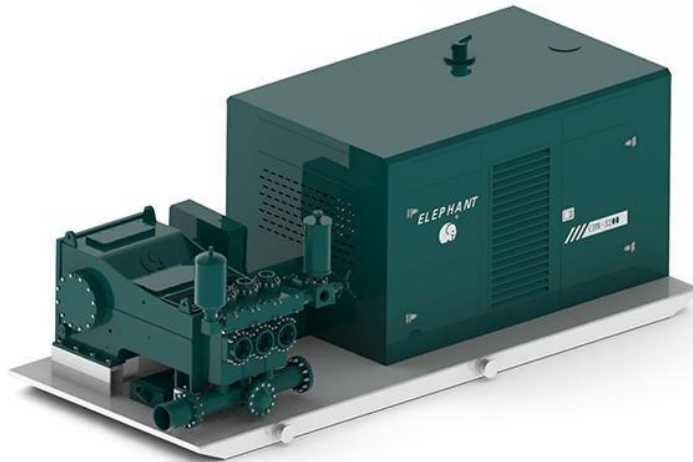
The product specifications and images provided may change due to design improvements and upgrades. Please feel free to inquire for more information.



## CBWH-3000 Outline Dimension Drawing



## CBW-3200



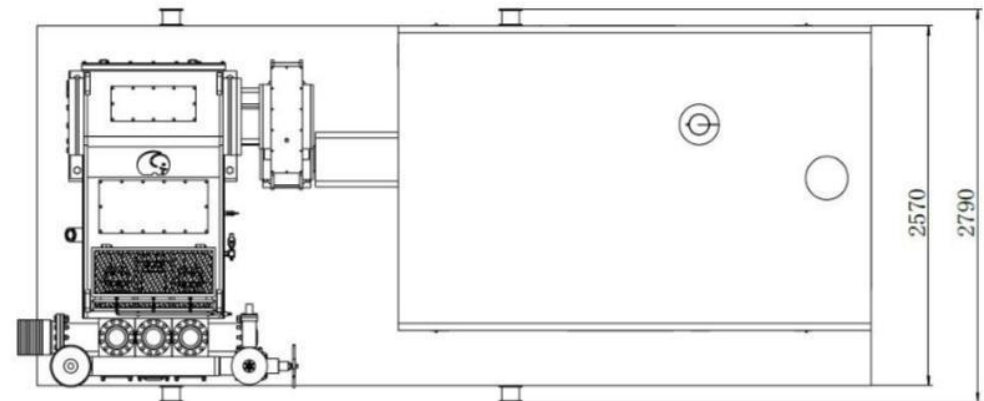
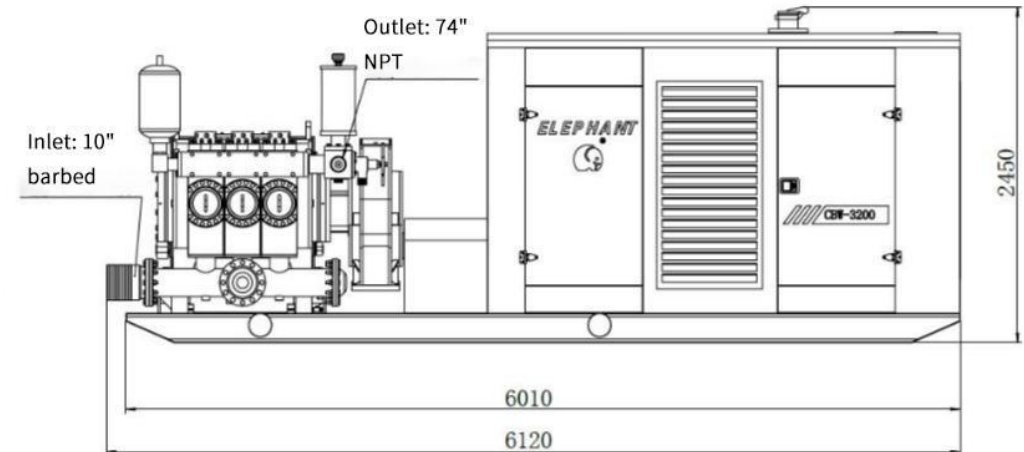
The CBW-3200 reciprocating pump is a horizontal triplex reciprocating single-acting plunger pump, driven by a diesel engine and equipped with an automatic gear-shifting transmission and wireless remote control. It is primarily designed for use with 500-ton trenchless drilling rigs but can also be employed 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                |                    |      |      |      |      |
| 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



## CBWH-3500 (Diesel engine power)



The CBWH-3500 reciprocating pump is a horizontal triplex reciprocating single-acting piston pump driven by a diesel engine and equipped with an automatic transmission gearbox and wireless remote control. It is mainly used in conjunction with non-excavator drilling rigs of around 500 tons, but 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 and has a wide range of flow rate and pressure changes, making it suitable for drilling and backfilling of different diameters. The design incorporates 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)                                                | 200            |      |      |      |
| Cylinder diameter (mm)                                     | 200            |      |      |      |
| Flow (L/min)                                               | 3500           | 2600 | 1900 | 1300 |
| Pressure (MPa)                                             | 4.5            | 6    | 8    | 10   |
| Input speed (r/min)                                        | 320            |      |      |      |
| Dimensions (mm)                                            | 6120×2790×2450 |      |      |      |
| Weight (kg)                                                | 13000          |      |      |      |
| Diesel engine model                                        | QSZ13-C550     |      |      |      |
| Diesel Engine Power (KW)                                   | 410            |      |      |      |
| Rated speed (r/min)                                        | 1850           |      |      |      |

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

## CBWH-3500 Outline Dimension Drawing

