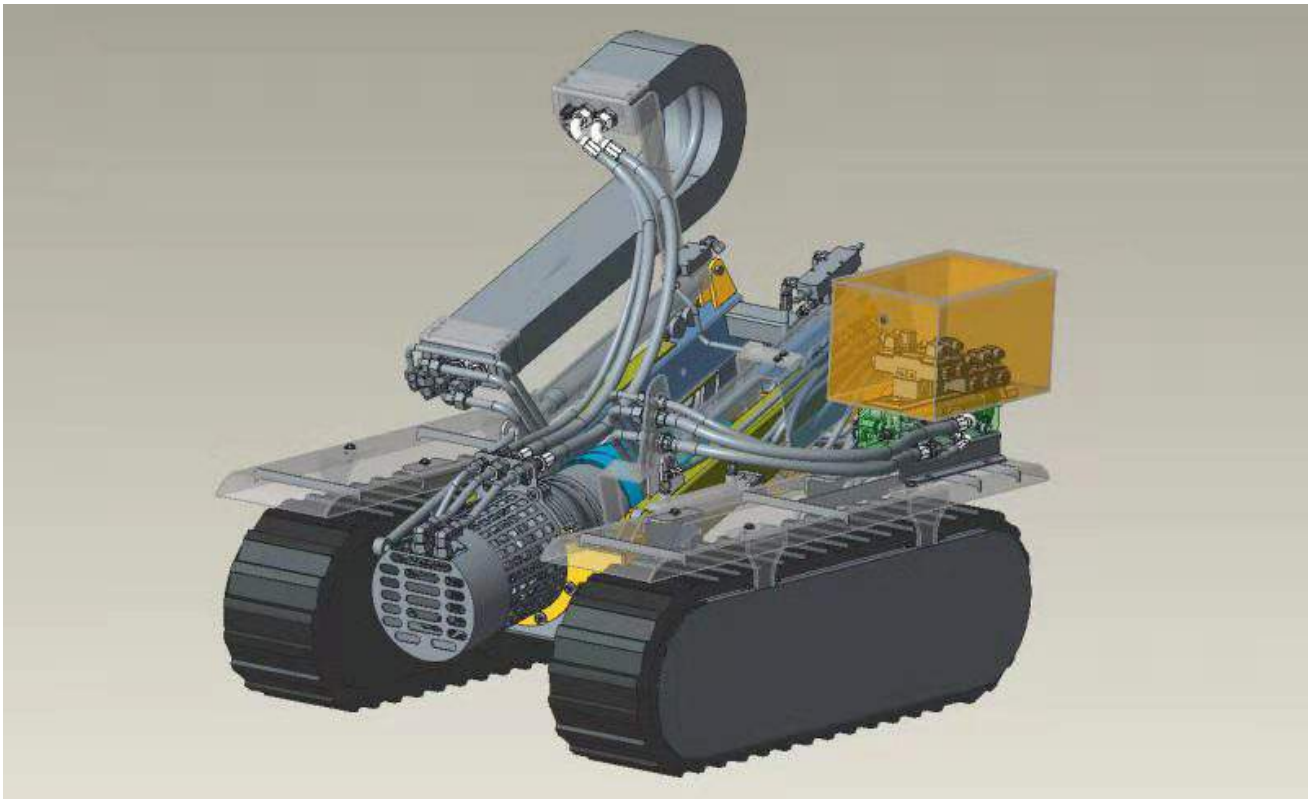


# MOBILE HYDRAULIC WATER PUMP



**by remote control**

**CDV SERIES**



**VERSA<sup>®</sup> PUMP**



## DESCRIPTION

CDV series is a mobile-submersible hydraulic pump. the pump unit being carried by crawler vehicle, then using remote control to moving it. submersible pump will running by hydraulic power pack with engine driven. so CDV unit will work for user as remote controlled crawler drainage vechicle.

## application

- open pit and trench dewatering
- pipeline dewatering
- rim ditches
- manholes
- sewer lines
- by-pass
- flood water control
- drainage & irrigation
- dewatering of gravel pits, mines, quarries.





## FEATURES

1. power station and water pump robot are lightweight design, the center of gravity design is clever, folding handle, labor-saving and convenient.
2. double circuit/electric control oil circuit design, can provide two groups of oil circuit. valve body with high precision, convenient and quick control.
3. high matching degree of imported oil pump and engine, efficient and stable operation, high conversion efficiency.
4. quick coupling, strong corrosion resistance, long life, good sealing.
5. with external power port, can provide 12V power supply.
6. built - in timer can effectively record maintenance nodes.



7. ultra high speed centrifugal cooling fan, high cooling efficiency, low temperature rise.
8. crawler engineering chassis, strong performance, adapt to a variety of road conditions.
9. remote control, large distance, sensitive remote control.
10. tubing connection length up to 50m, wide range of operation.
11. with the sliding mechanism, can automatically extend the pump to the water surface, more flexible operation.
12. equipped with light, can work at night.

## PARAMETER

### Hydraulic Power Unit



### ZD35-80TWIN

1. engine: Briggs&Stratton 35HP (gasoline)
2. maximum hydraulic system: 16Mpa
3. hydraulic flow: 2×30/2×40/1×80lpm
4. overall size: 1130×630×850mm
5. bare weight: 185kg
6. hydraulic tank volume: 21L
7. fuel tank volume: 26L
8. start mode: Electric start
9. oil control mode: electric control
10. quantity of oil return circuit: 2 groups
11. noise level: 95dB
12. connection: 3/8in and 3/4in flat end quick connector

### Submersible Pump



### SHP-600

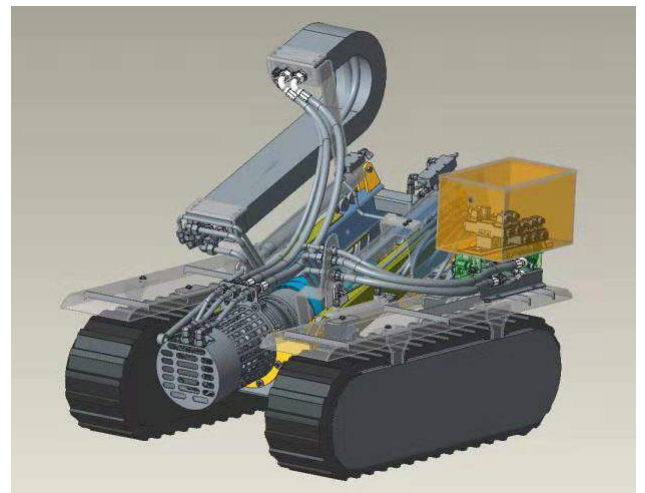
1. weight: 880kg
2. size: 1900×1500×1200mm
3. system working pressure: 16Mpa
4. system working flow: 80L
5. maximum displacement: 520m<sup>3</sup>/h
6. maximum head: 15m
7. maximum Solid: 25mm
8. outlet diameter: DN200mm
9. maximum distance: > 300m
10. operation mode: remote control (1km)
11. emergency lighting: yes
12. maximum barrier crossing: 250mm
13. maximum wading depth: 800mm
14. maximum climbing angle: 30°
15. walking speed: 5km/h
16. chassis: crawler damping chassis
17. oil connection: 3/4in. plane quick change connector

## FEATURES



1. integrated water pump, lightweight design, large displacement, low energy consumption, high efficiency.
2. with its own power unit, can walk freely, easy to move.
3. double circuit/electric control oil circuit design, can drive two working tools at the same time, the valve body with high precision, convenient and quick control.
4. high matching degree of imported oil pump and engine, efficient and stable operation, high conversion efficiency.
5. quick change joint, strong corrosion resistance, long life, good sealing.
6. with external power interface, can provide 12V power supply.

7. built-in timer can effectively record maintenance nodes.
8. ultra high speed centrifugal cooling fan, high cooling efficiency, low temperature rise.
9. crawler engineering chassis, strong performance, can adapt to a variety of road conditions.
10. remote control, large distance, sensitive remote control.
11. with the sliding mechanism, can automatically extend the pump to the water surface, more flexible operation.
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## PARAMETER

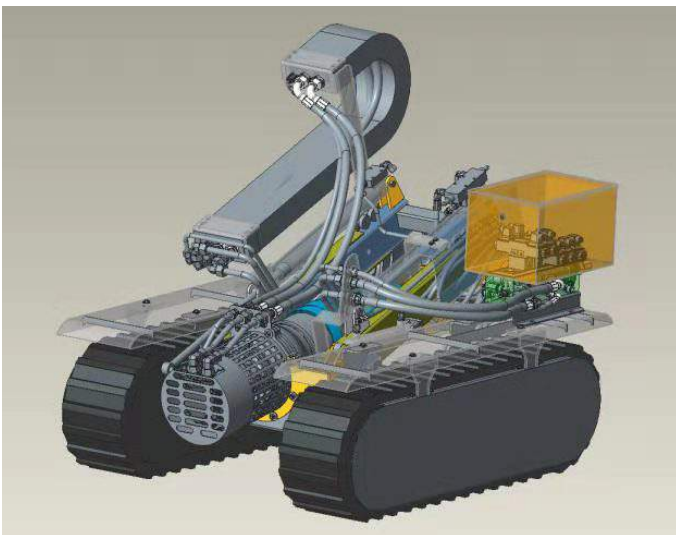
### Hydraulic Power Unit



### VE 3600 DE

1. engine: VERSA 36HP (diesel)
2. weight: 1500kg
3. size: 1900×1500×1200mm
4. hydraulic tank volume: 40L
5. fuel tank volume: 50L
6. start mode: electric start
7. oil control mode: electric control
8. number of external return oil lines: 2 groups
9. noise level: 95dB
10. external oil connection: 3/8in and 3/4 plane quick change connector

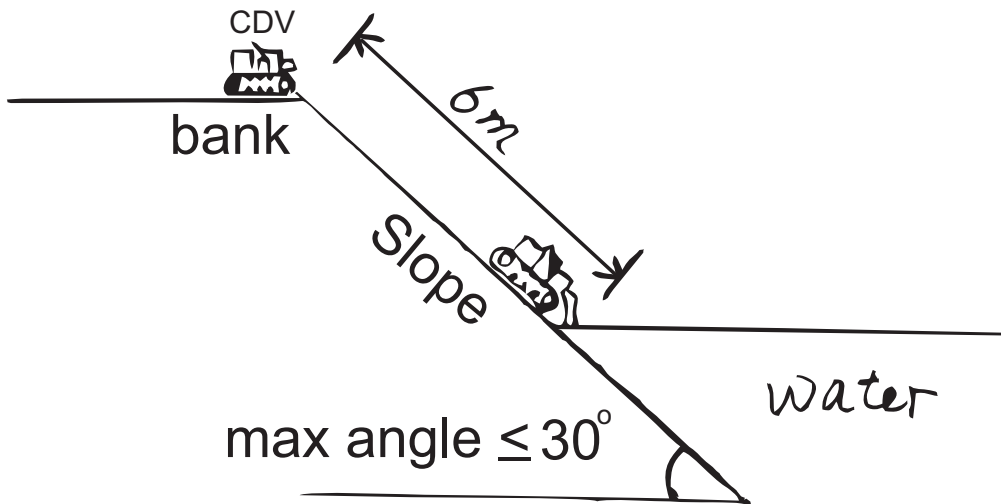
### Submersible Pump



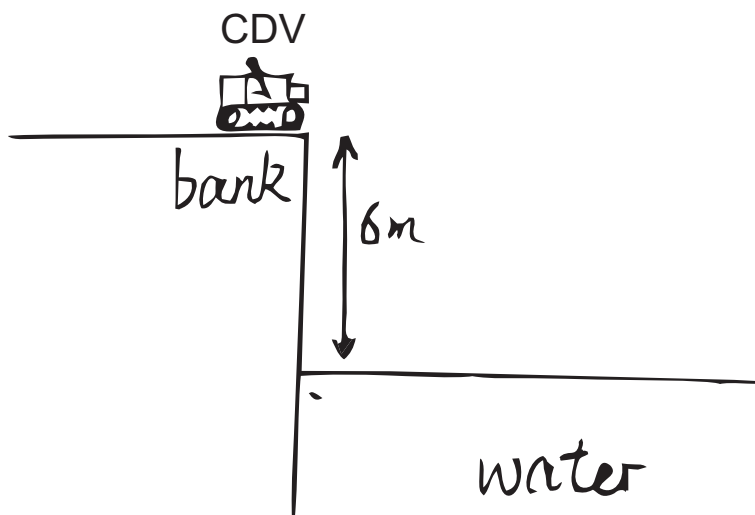
### SHP-800

11. system working pressure: 16Mpa
12. system working flow: 2 x 40lpm
13. maximum flow: 800m<sup>3</sup>/h
14. maximum head: 12m
15. maximum solid: 25mm
16. outlet diameter: 2×DN200mm
17. maximum distance: > 300m
18. operation mode: remote control (1km)
19. emergency lighting: yes
20. maximum barrier crossing: 250mm
21. maximum wading depth: 800mm
22. maximum climbing angle: 30°
23. walking speed: 5km/h
24. chassis: crawler damping chassis
25. external power port: 12V

which placement location?



**location A**



**location B**