RIVER DREDGING EXPERT,
15 YEARS PROFESSIONAL PRACTICAL EXPERIENCE!

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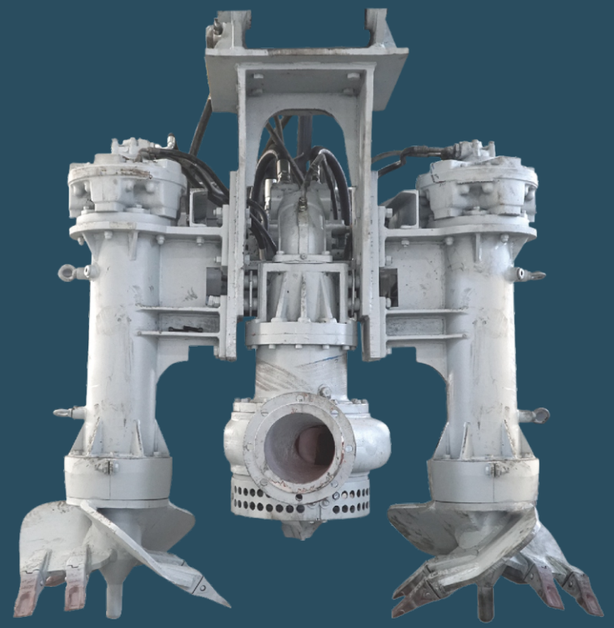
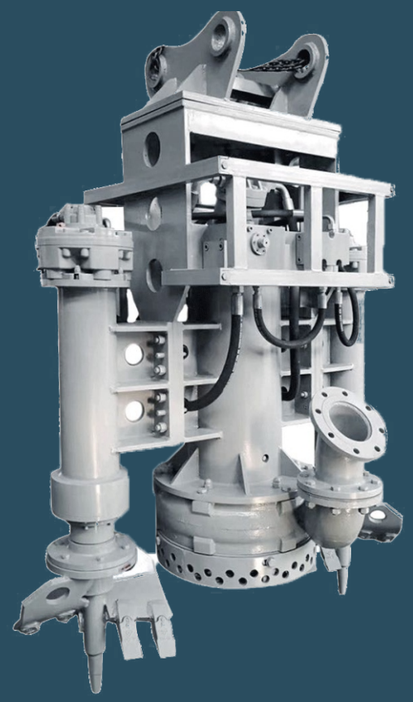
DP350-30B(20T)

HYDRAULIC CUTTER SUCTION PUMP

Product display





MORE EFFICIENT, MORE STABLE

- The hydraulic cutter suction pump is used as an auxiliary device of the amphibious excavator to perform dredging operation, where there is more water, silt, and mortar are less conducive to excavation and inconvenient for vehicle transportation, which greatly improves the work efficiency.
- The hydraulic cutter pump is made of high-chromium alloy material specially used for slag, and the motor is a military quantitative plunger motor. It has the characteristics of advanced structure, reasonable, good performance, high efficiency and stable operation.

WIDER RANGE OF APPLICATIONS

Appications but not limited to

Ports, river channels, lakes dredging and maintenance.

Sand, mud dredging, sea reclaim project.

Used in metallurgy, steel and other industries to absorb high-concentration tailings, waste slag, high-temperature iron slag, iron scraps, etc.

Iron ore, tailings ponds, beneficiation plants and other mines slag, slurry or solid solution

Sand pumping, gold mining etc

River channel dredging, lakes, beach, salt lake and swamp area developing, wetland park build, and mining tailings control and other water conservancy projects

- Maxmum flow 400[m³/h]
- Head 30[m]
- Concentration 15-30[%]

Hydraulic cutter suction pump parameters

Hydraulic motor					Pump					
Displacement [cc]	Hydraulic flow [l/min]	Hydraulic pressure [bar]	Power [KW-HP]	Speed [RPM]	Max pump flow [m³/h]	Head [m]	Concentration [%]	Working diameter [mm]/type	Solid handling [mm]	Weight [kg]
160	200-380	340	70	1450	400	30	15-30	1900	60	1400

✻ Maxmum pump distance=(head-height)×20, eg. if pump height 10m, head 30m, then the maxmum pump distance is 400m.