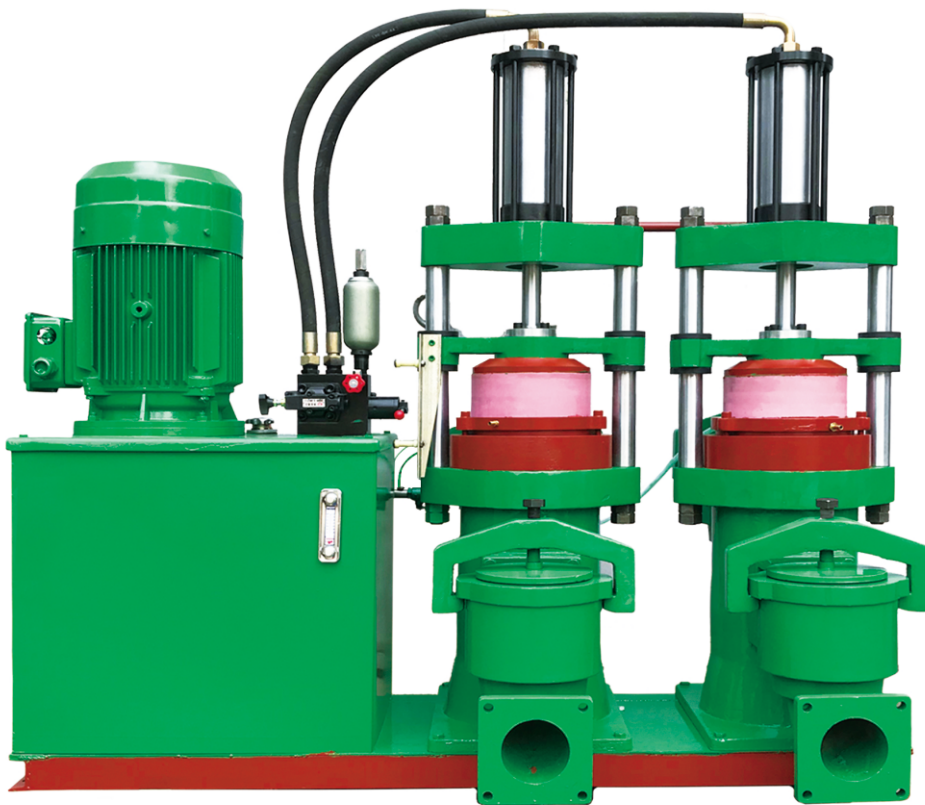




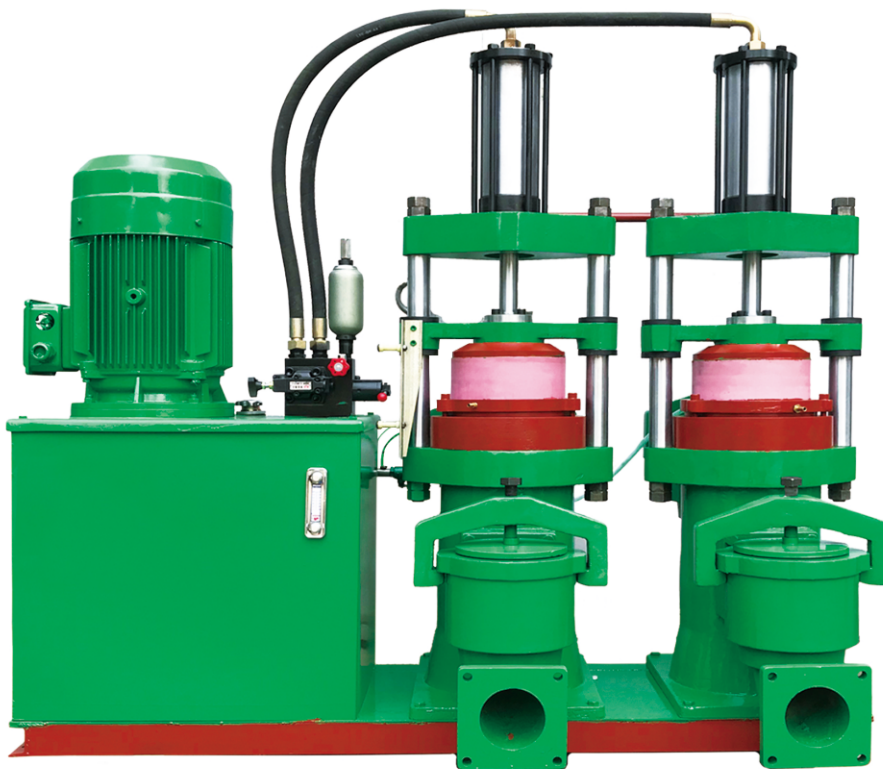
GAODETEC

Hydraulic Ceramic Plunger Pump



YB series hydraulic ceramic plunger mud pumps have nearly 20 models in seven series, YB85, YB140, YB200, YB250, YB300, YB350, YB400, and the flow rate can range from 0-120m³/h. The maximum pressure of commonly used pumps can reach 2.5MPa, the rated pressure is 2.0MPa, the maximum pressure of low-flow high-pressure pumps can reach 8.0MPa, and the rated pressure is 6.0MPa; the maximum pressure of large-flow high-pressure pumps can reach 3.5MPa, and the rated pressure is 3.0MPa. Low-pressure pump pressure is 1.5MPa, its flow is 10-20% higher than the rated flow of similar pumps.

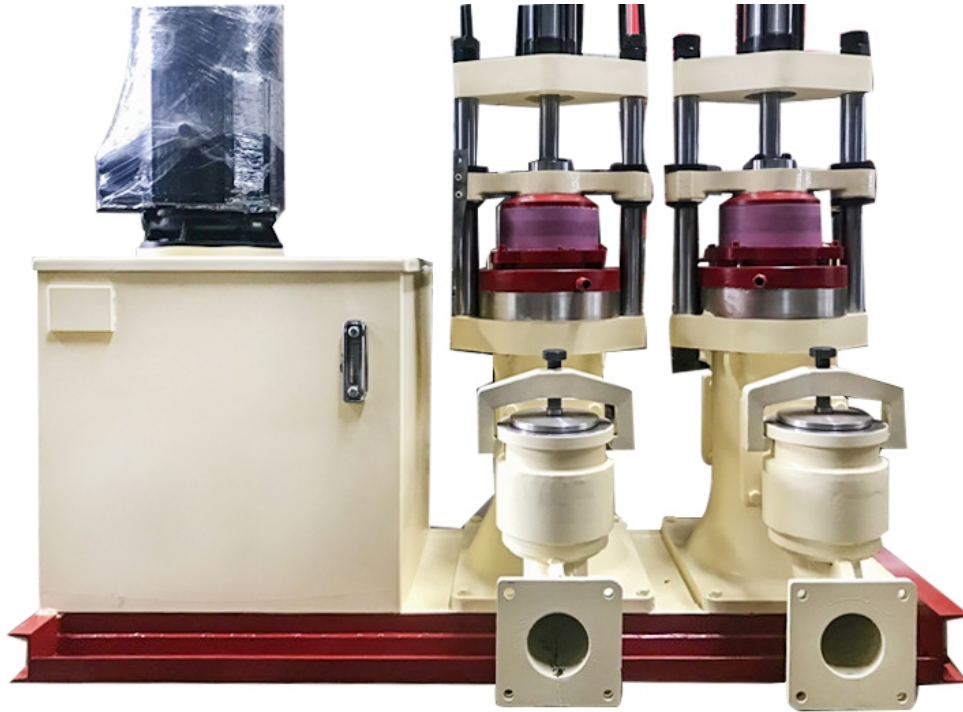
The YB pump is equipped with a filter press, one can replace 3-4 old-fashioned diaphragm pumps, which not only reduces floor space, but also reduces maintenance costs and power consumption for users.



Hydraulic Ceramic Plunger Pump

YB series hydraulic ceramic plunger pump is used in:

- 1.Ceramic slurry, coal water slurry transportation, kaolin, stone sewage and non-metallic mineral suspension transportation.
- 2.Transportation of suspension, chemical and pharmaceutical slurry, electronic slurry, etc..
- 3.Printing and dyeing, leather, paper making, electroplating, piling, sand washing, sand making, drilling, tailings, coal mine and other sludge transportation.
- 4.Transportation of sludge from rivers, lakes and municipal sludge.
- 5.Farm manure, biogas and residue, etc..



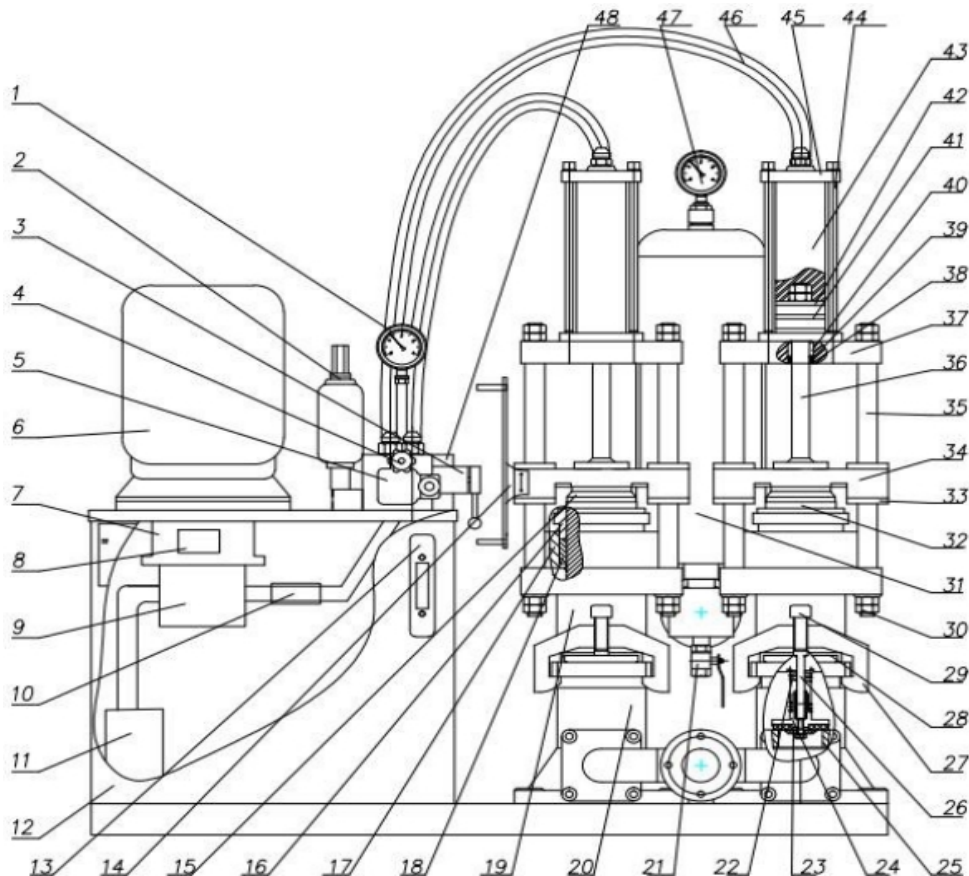
Hydraulic Ceramic Plunger Pump

Features:

1. Wear resistance: The plunger is made of alumina ceramics and is finely ground. The hardness is above HLC8.5 and the surface roughness is 0.4um.
2. Strong self-priming ability: plunger-type vacuuming method, self-priming capacity 4-8 meters (the specific gravity of the material determines the change of the suction range).
3. Adjustable constant pressure automatic variable: The working pressure of the plunger mud pump is adjustable, and can be adjusted arbitrarily within the range of 0-2MPa. The adjusted pressure will remain unchanged and will not change with the change of the pump output flow.
4. Simple operation: only need to tighten or loosen the pressure regulating valve to adjust the pressure. After the pressure is adjusted, it will be locked, and there is no need to adjust it later.
5. Low cost of use: The vulnerable parts of the pump are the valve disc and the plunger seal. The replacement cycle is 3-6 months for ceramic mud and 6-12 months for municipal sludge.
6. Long service life: The service life is at least 15 years.
7. We can provide customized for your project.

Main specifications:



















Model	Flow rate (m³/h)	Pressure (Mpa)	Maximum pressure (Mpa)	Power (KW)	Weight (KG)	Dimension (mm)
YB85	3	0-2.0	2.5	4	420	1320*850*1500
YB140	10	0-2.0	2.5	15	1000	1650*1050*1810
YB140 Stainless Steel	10	0-2.0	2.5	15	850	1650*1050*1810
YB200	19	0-2.0	2.5	18.5	1250	1800*1150*2050
YB200 Stainless Steel	19	0-2.0	2.5	18.5	1080	1800*1250*1950
YB250	35	0-2.0	2.5	22	1750	2100*1450*2200
YB250 Stainless Steel	35	0-2.0	2.5	22	1600	2100*1480*2250
YB300	40	0-2.0	2.5	30	2100	2200*1600*2200
YB300 Stainless Steel	40	0-2.0	2.5	30	2000	2250*1730*2300
YB400	100	0-2.0	2.5	55	3800	2400*1800*2300



GAODETEC EQUIPMENT

				
1. Pressure gauge	2. Accumulator	3. Rotary valve	4. Pressure gauge switch	5. Relief valve
				
6. Motor	7. Electric rack	8. Coupler	9. Gear pump	10. Cooler
				
11. Filter	12. Tank	13. Liquid level gauge	14. Stroke adjustment plate	15. Plunger cap
				
16. Pressure water ring	17. Stuffing box	18. Water seal	19. Pump body	20. Manifold
				
21. Ball valve	22. The valve core spring	23. Valve plates	24. Valve core	25. The seat

GAODETEC EQUIPMENT

				
26. Guide bar	27. Set frame	28. The cover	29. Set screw bolt	30. Pillar nut
				
31. Buffer tank	32. Ceramic plunger	33. Column dust ring	34. Pillar copper sleeve	35. post
				
36. The piston rod	37. The beam	38. Piston rod dust ring	39. Piston rod oil seal	40. Copper sleeve for piston rod
				
41. Piston	42. Piston seal	43. Oil cylinder	44. Oil cylinder bolt	45. Cylinder head cover
				
46. High-pressure tubing	47. Pressure gauge	48. Hydraulic valve		



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