



## PUMPS



**XI'AN KOSUN MACHINERY CO.,LTD.**  
— Since 1992

## SHEAR PUMP

*KOSUN SP Series Shear Pump is mainly used for a quick and high-performance mud concoction, shortening compounding time and saving economic benefits for well cost.*

### Features & Benefits:

1. Improve bentonite particles hydration degree significantly.
2. Save bentonite dosage over 30%, speeding up dilution, shearing and dissolution of the polymer.
3. Supply larger capacity and lift, taking a good performance for mud compounding.



### Technical Data

Model	Flow m <sup>3</sup> /h/GPM	Lift m/ft	Power kW/HP	Speed RPM
JQB6545	150/660	45/147.6	75/100	1900
JQB6545	120/528	45/147.6	55/75	1900
JQB6535	100/440	35/114.8	45/60	1900

Dimension mm/in	Weight kg/lbs
(1170×1023×1567)/(46×40.6×62)	1120/2470
(1150×1100×1500)/(45.3×43.3×59)	980/2160
(1150×1100×1250)/(45.3×43.3×49.2)	800/1764

## CENTRIFUGAL PUMP

*KOSUN CP Series Centrifugal Pump is used for transporting drilling mud. It can be used as feeding pump for desander, desilter, or as mixing pump for jet mud mixer. Also it can be used as trip pump and supercharging pump for rig mud pump.*

### Features & Benefits:

1. Tungsten carbide mechanical seal.
2. The design on impeller lowers axial thrust loads and makes it easier for installation, repairing and maintenance.

### Technical Data

Model	Flowm <sup>3</sup> /h/GPM	Lift m/ft	Power kW/HP	Speed r/min	Efficiency
CP68-75	300/1320	37/121.4	75/100	1480	67%
CP68-55	240/1056	36/118.1	55/75	1480	66%
CP68-45	200/880	33/108.3	45/60	1480	64%
CP56-45	200/880	33/108.3	45/60	1480	64%
CP56-37	180/792	31/101.7	37/50	1480	63%
CP56-30	180/792	28/91.9	30/40	1480	62%
CP56-22	160/704	22/72.2	22/30	1470	62%
CP34-15	85/374	26/85.3	15/20	1460	61%
CP34-11	80/352	23/75.5	11/15	1460	61%
CP34-7	54/238	18/59	7.5/10	1440	60%



## SUBMERSIBLE SLURRY PUMP

KOSUN LSP Series Submersible Slurry Pump is mainly used in environmental protection, new type building materials, coal washing, municipal works, thermal power generation, coal gas coking plant, refinery, mining, paper making, cement plant, food products factory and other fields to pump thick oil, oil residue, dirty oil, mud, mortar, running sand and other liquids. Or used to pump liquid containing silt materials and corrosive liquids in chemical and medicine industry.

### Features & Benefits:

1. Excellent performance for thick fluid conveying.
2. Strong rigidity pump shaft under the liquid, no shaftseal and bearing on the pump, excellent performance for liquid conveying with big density solid particle.
3. 800mm-2500mm under liquid for pump shaft part, and extra suction pipe can be equipped according to the work condition.
4. Vertical motor is installed on motor base, connected the



### Technical Data

Model	Flow m <sup>3</sup> /h/GPM	Lift m/ft	Power kW/HP	Efficiency
LSP-40	40/176	10.5/34.4	7.5/10	47%
LSP-50	50/220	14.3/46.9	7.5/10	35%
Dimension mm/in			Weight kg/lbs	
((1450+H)×750×900) / ((57+H)×29.5×35.4)			450/992	
((1580+H)×1100×1250) / ((62.2+H)×43.3×49.2)			500/1102	



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