

Mud Pump

Introduction:

LEC mud pumps use hydraulic power to convert hydraulic energy into the power that can convey high pressure mud. It's self-suction plunger pump. The parts without rotation make piston linear motion.

Features:

1. **High reliability:** no rotating parts, less moving parts, longer free maintenance time, high abrasive resistance and self-lubricating ability, which decrease the operating cost. When the hydraulic power less than max. rated power, the pump will decrease the output power automatically thus make the pump safe.
2. **High integration:** small volume, light weight, easy to transport and assemble, easy to get power supply.



LDF series hydraulic drive high pressure mud pump

LDF-D Geological Drilling Mud Pump

Main application: seal element which can heat proof under 80°C, thus make it suitable for below material: mud, fresh water, sea water, oil, mixer with polymer, polymer fluid, water with foaming agent, etc.

Hydraulic source machine: LDF-D high pressure mud pump can adopt the hydraulic power with other machinery such as hydraulic exploration rig, petroleum exploration rigs,



LEAD EQUIPMENT CO., LTD.

Xisihuan Ring-Road East, Tielu, Xushui Town, Zhongyuan District,
Zhengzhou City, China.

Website: www.leadcrete.com E-Mail: sales@leadcrete.com

TEL.: +86-371-63902781 FAX: +86-371-63902781

car rigs, hydrology rig, geothermal resource rig.



Specification:

Type	Output technical data		Demension L*W*H (mm)	Weight (kg)	Hydraulic System		
	Output (L/min)	Pressure (MPa)			Output (L/min)	Working pressure (Mpa)	Pressure (Mpa)
LDF-D45/5	45	5	518*162*381	45	20	12	21
LDF-D60/2	60	2	518*162*381	20	12	12	21
LDF-D100/8	100	8	518*162*381	58	50	16	21
LDF-D100/20	100	20	518*181*460	168	140	24	25
LDF-D150/9	150	9	518*162*381	140	85	19	21
LDF-D150/15	150	15	518*181*460	126	120	20	20
LDF-D250/20	250	20	905*400*435	245	280	20	21
LDF-D600/10	600	10	1056*450*600	430	250	24	25
LDF-D1200/10	1200	10	1056*500*650	520	390	35	39



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LDF-M Coal Mine Slurry Pump

Main application: Coal mine gas extraction drilling, coal geological exploration, hydraulic shoring, underground drainage exploration, coal seam detection and hydraulic fracturing antireflection, coal seam grouting waterproof and other areas.

Hydraulic source machine: LDF-M high pressure coal mine slurry pump can adopt the hydraulic power with other machinery such as all-hydraulic tunnel drilling rig, horizontal directional drilling, full hydraulic CBM drilling rig etc.



Specification:

Type	Output technical data		Demension L*W*H (mm)	Weight (kg)	Hydraulic System		
	Output (L/min)	Pressure (MPa)			Output (L/min)	Working pressure (Mpa)	Pressure (Mpa)
LDF-M60/15	60	15	518*162*381	58	50	18	21
LDF-M180/5	180	5	518*162*381	60	50	18	21
LDF-M200/7	200	7	518*181*460	115	85	17	21
LDF-M350/7	350	7	518*181*460	168	130	19	21
LDF-M600/10	600	10	1056*450*600	430	250	24	25



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LDF-Y Oilfield Slurry Pump

Main application: Oilfield pressurized water injection, oilfield fracturing stimulation, and polymer injection, profile, plugging etc. process of the oilfield.



Specification

Type	Output technical data		Demension L*W*H (mm)	Weight (Kg)	Hydraulic System		
	Output (L/min)	Pressure (MPa)			Output (L/min)	Working pressure (Mpa)	Pressure (Mpa)
LDF-Y30/52	30	52	518*162*381	140	85	19	21
LDF-Y100/120	100	120	1056*500*650	500	390	35	39
LDF-Y200/60	200	60	1056*500*650	480	390	35	39
LDF-Y600/10	600	10	1056*450*600	430	250	24	25
LDF-Y1200/10	1200	10	1056*500*650	520	390	35	39