

MODEL:JF31D

The high pressure pump JF31D applies to the cleaning for pipe, workpiece, surface, removing sand, derusting, conveying liquid, hydraulic driving, excavating works, also testing pump for all kinds of rubber hose, metal pipe, drilling wellhead in the oil field. This equipment can pump not only water, emulsion, but also other chemical liquids.



Technical Parameter List

ft speed			14	60		1	Plunger	distar		60				
eduction			3.6	50		(Gear re	ductio	n ratio	o(i)		2.9	2.917	
1 ⁻¹)			40	00		1	Pump sj	amp speed(min ⁻¹)					00	
W)	7.5	11	15	18.5	22		7.5	11	15	185	22	Power	(KW)	
flow		Pres	sure	MPa				Pre	ssure		Nomir flow	ıal		
M³/h						r (mm)						L/min	M³/h	
1.5	15	22				22	12	18	25	0 0		32	1.92	
1.8	13	18	25			24	10	15	22	24	(28)	38	2.28	
1.92	12	17	22			25	9	14	18	24	27	40	2.4	
2.4	9	14	18	24	(27)	28	8	11	15	18	22	50	3	
2.88	8	12	16	20	23	30	7	10	13	16	18	60	3.6	
3.3	7	10	14	17	20	32	6	9	11	14	17	65	3.9	
3.96	6	9	12	15	17	35	5	7	10	12	14	80	4.8	
5.1	5	7	9	11	13	40	4	6	8	9	11	105	6.3	
6.3	4	6	8	9	11	45	3	4	6	7	8	135	8.1	
	m ⁻¹) W) flow M ³ /h 1.5 1.8 1.92 2.4 2.88 3.3 3.96	m ¹) W) 7.5 flow M³/h 1.5 15 1.8 13 1.92 12 2.4 9 2.88 8 3.3 7 3.96 6	r-1) W) 7.5 11 flow Pres M³/h 1.5 15 22 1.8 13 18 1.92 12 17 2.4 9 14 2.88 8 12 3.3 7 10 3.96 6 9	14 (a)	1460 eduction 3.650 400 T-1) W) 7.5 11 15 185 flow Pressure MPa M³/h 1.5 15 22	1460 eduction 3.650 400 T-1) W) 7.5 11 15 185 22 flow Pressure MPa M³/h 1.5 15 22	Table Tabl	Table Plunger Plunge	Add Plunger distant	Add Plunger distance (material)	Au Plunger distance (mm)	Action Column C	Action A	

jf JET FLOW

MODEL:JF32D

The pump has the advantages of small size, compact structure; in the power end, the pump is fitted with a splash lubrication or forced lubrication in stable and reliable transmission, reducing the coefficient of friction, lubrication is improved; in the power end, temperature rising is slow, suitable for long time continuous operation. This equipment can pump not only water, emulsion, but also other chemical liquids.

The water jet with high pressure is fit for breaking rock for coal with assisted stream with high pressure in the mine, for supplying liquid to hydraulic prop in the mine, for cleaning with water jet in high pressure, for removing phosphorus in metallurgy, for powder removal in metallurgy, for cleaning and derusting to the ship, for foundation engineering, for excavating works in liquid conveyance, and for testing pressure pump in various rubber hose, metal pipe, drilling wellhead equipment in the oil field too.



Technical Parameter List

Input (min ⁻¹	shaft sp)	eed			14	60			Plun	ger di	stanc	e (mn	n)		6	0			
Gear ratio(i	reduct	tion			3.6	50			Gear	redu	ction	ratio(i)		2.917				
Pump speed(min ⁻¹)		oesse - s	de Oneo 1	40	00	013/2001/01		Pump speed(min'1)						500				
Power	(KW)	30	37	45	55	75	90	1	30	37	45	55	75	90	Power	(KW)			
Nomir flow	nal				0			Plun -ger				in-			Nomir	ial			
M³/h	L/min		1	Pressu	ire M	Pa		diam -eter (mm	Pressure MPa						M³/h	L/min			
2.4	40	37	46					22	30	36	45				50	3			
3	50	30	36	45				2.5	23	28	35	45	1		65	3.6			
3.42	57	26	32	40	50			26	21	26	32	40	50		70	4.2			
3.9	65	23	28	35	45			28	18	22	28	35	48		80	4.8			
4.5	75	20	25	30	38	50		30	16	19	25	30	40	50	95	5.7			
5.1	85	17	22	26	34	45	50	32	14	17	22	26	36	45	105	6.3			
6.12	102	15	18	22	28	36	43	35	12	15	18	22	30	36	125	7.5			
8.1	135	11	14	17	21	28	33	40	9	11	14	17	24	28	170	10.2			
10.2	170	9	11	14	17	24	28	45	7	9	11	13	18	22	215	12.9			
				We	ight:	net pi	ump 2	60Kg	b	edfra	me 9	OKg							



MODEL:JF32DA

The high pressure pump 32DA is improved from the pump 32D, its feature is as follows:

- The bigger lubrication volume in crankcase ensures the sufficient lubricity and low oil temperature.
- 2. The longer diameter of axle for crankshaft improves its strength, its larger transmission power brings about bigger transmitting pressure, so its range application is wider.



3.In the power end, between crankshaft and connecting rod, the lubrication is forced, so it is in small friction coefficient, in good lubrication and stable and reliable transmission, in low oil temperature, suitable for long time and continuous working. Its application is in flushing in assisted stream of high pressure water jet, for removing phosphorus in metallurgy, for powder removal in metallurgy, for cleaning and derusting to the ship, for foundation engineering, for excavating works in liquid delivery, and for testing pressure pump in various rubber hose, metal pipe, drilling wellhead equipment in the oil field too. This equipment can pump water and emulsion, as well as other chemical liquid.

Technical Parameter List

	1480		Plunger dis	stance (m	ım)	100
	4,45		Pump spec	d(min-1)		332
30	37	45	55	75	90	D1
	Plunger diameter (mm					
53	64	75	1			20
43	50	62	75			22
35	42	51	62	-		24
30	36	44	54	75		26
25	30	40	47	65	75	28
22	28	33	42	56	70	30
18	24	30	36	50	60	32
15	20	25	30	42	50	35
12	15	19	23	32	38	40
9	12	15	18	25	30	45
	53 43 35 30 25 22 18 15	4,45 30 37 53 64 43 50 35 42 30 36 25 30 22 28 18 24 15 20 12 15	4,45 30 37 45 Press 53 64 75 43 50 62 35 42 51 30 36 44 25 30 40 22 28 33 18 24 30 15 20 25 12 15 19	4.45 Pump spec 30 37 45 55 Pressure (MPa) 53 64 75 43 50 62 75 35 42 51 62 30 36 44 54 25 30 40 47 22 28 33 42 18 24 30 36 15 20 25 30 12 15 19 23	4.45 Pump speed(min ⁻¹) 30 37 45 55 75 Pressure (MPa) 53 64 75 43 50 62 75 535 42 51 62 51 62 51 62 51 62 51 65 65 65 65 65 65 65 65 65 65 65 65 65	4.45 Pump speed(min¹) 30 37 45 55 75 90 Pressure (MPa) 53 64 75

MODEL:JF32DD



The high pressure pump JF32DD, it is from type JF32DA improved. The hydraulic end is latest designed horizontal pump head, which solved the problem of the pump head strength, its characteristics is in compact structure and easy to operation and maintenance. It is applied to the high pressure water washing, metal cutting, the ship cleaning and derusting, as well as descaling and cleaning for condensator, thermo-exchanger, evaporation container, boiler inner in the chemical plant, sugar factory, power plant etc. this equipment can pump not only clear water and emulsification liquid, but also other chemical liquid.



Technical Parameter List

1480	1480 Plunger distance (mm)		100			
4.45	Pump	speed(min-1)	332			
75	90	110	Plunger diameter			
D-	P1O-dP(MP-)					
Kai	ted Outlet Pressu	(mm)				
150			18			
130	150		20			
100	130	150	22			
85	100	125	24			
75	90	105	26			
65	80	95	28			
(56)	(70)	85	(30)			
	1480 4.45 75 Ra 150 130 100 85 75 65	1480 Plung 4.45 Pump 75 90 Rated Outlet Pressu 150 130 150 100 130 85 100 75 90 65 80	1480 Plunger distance (mm)			

MODEL:JF32DZ



The high pressure pump JF32DZ has been changed the gear shaft and the number of tooth so as to improve the pump's speed, so pump capacity is enlarged. Its head of pump is thickened, all inner parts of draining valve, valve seat, valve cover and its plate is enlarged, their outlet and inlet holes are enlarged, so the flow is bigger. After the update, a new model pump in high pressure and big flow comes out, which can use in oil-field flooding, coal mining in mines, removing phosphorus in metallurgy and other conveyors in demand of bigger flow. After the improvement, in comparison with others, this pump is in low cost, competitive in the market.



Technical Parameter List

peed (min-1)	1480	Plunge	er distance (mm)	100	
on ratio(i)	4.45	Pump :	speed(min-1)	332	
)	75	90	DI P		
w	D 1	Plunger diameter			
L/min	Kated	(mm)			
246	16	19	24	50	
297	13	16	19	55	
354	11	14	16	60	
415	9.5	11	14	65	
	peed (min ⁻¹) on ratio(i)) w L/min 246 297 354	on ratio(i) 4.45) 75 w Rated L/min 16 297 13 354 11	on ratio(i) 4.45 Pump 75 90 W Rated Outlet Pressu 246 16 19 297 13 16 354 11 14	Non ratio(i) 4.45 Pump speed(min ⁻¹) 75 90 110	

MODEL:JF33DQ



The high pressure pump JF33DQ is the plunger pump of super high pressure with advanced technology introduced from Germany, its highest pressure attains at 160 Mpa. The flow is moderate to the water jet of high pressure:40—93L/min for using in the cleaning, metal cutting, derusting of ship, descaling and cleaning for condensator, thermo-exchanger, evaporator, evaporation container, boiler and all kinds of tank inner in chemical factory, in sugar factory, power plant etc. This equipment can pump water and emulsion, as well as other chemical liquid.



Technical Parameter List

Input shaft sp	eed (min-1)	148	80	Plunger distar	nce (mm)	100
Gear reduction	on ratio(i)	4.0	4	Pump speed(i	min-1)	366
Power (KW)		90	110	132	160	DI I'
Nominal flov	v	-	210.4	. D		Plunger diameter
M³/h	L/min	1	Kated Outi	et Pressure (MF	a)	(mm)
2.4	40	115	140	(160)		20
3.0	50	95	120	140	(160)	22
3.6	60	80	100	115	140	24
4.2	70	70	85	100	120	26
4.8	80	56	70	85	100	28
5.58	93	50	60	70	90	30
	W	eight: net pu	ump 630K	g chassis: 1	40Kg	7



MODEL:JF36DD

The type 36DD is the high pressure plunger pump with advanced international technology. The power end is the box type, which adopts forced lubrication. The high speed shaft and crankshaft are driven by herringbone gear with stable transmission balance, lower friction coefficient, better lubrication performance, less noise, low temperature rise of power end, suitable for long continuous operation. With the hydraulic end in advanced technology, 3D6D is applied to chemical plants, sugar refinery, power plant condenser, heat exchanger, evaporation tank, boiler and other kinds of tank or kettle cleaning, and as well as water jet cleaning for marine industries, suitable for the powder metallurgy, assisted rock coal, experiment platform, all kinds of pressure testing for rubber hose, metal pipe, valves, oil field drilling etc..The 36DD can pump water, emulsion and other chemical liquids. It is adapted to various power sources.

				Shaf	t Speed:1480	RPM				
	Plungin	g Number:	422RPM				Plungin	g Number:	363RPM	
Elow	Rate	En	gine Capac	ity		Elow	Rate	En	gine Capac	ity
FIOW	nate	200KW	220KW	250KW	Piston Dia:	FIOW	nate	200KW	220KW	250KW
m³/hr	LPM	PRE	SSURE (M	PA)	mm	m³/hr	LPM	PRE	SSURE (M	PA)
2.52	42.00	255.00	270.00		18.00	2.16	36.00	275.00		
3.11	52.00	206,00	227.00	240.00	20.00	2.67	44.00	240.00	265.00	275.00
3.76	63.00	170.00	188.00	200.00	22.00	3.23	54.00	200.00	220.00	230.00
4.48	75.00	143.00	157.00	170.00	24.00	3.84	64.00	167.00	185.00	195.00
5.25	88.00	122.00	135.00	145.00	26.00	4.51	75.00	142.00	156.00	165.00
6.09	102.00	105.00	115.00	125.00	28.00	5.23	87.00	123.00	135.00	140.00
6.99	117.00	92.00	100.00	108.00	30.00	6.00	100.00	107.00	117.00	125.00
7.96	133.00	81.00	88.00	95.00	32.00	6.83	114.00	94.00	103.00	110.00
9.52	159.00	70.00	74.00	80.00	35.00	8.17	136.00	78.00	86.00	92.00
12.43	207.00	52.00	57.00	61.00	40.00	10.67	178.00	60.00	66.00	70.00
15.74	262.00	41.00	45.00	48.00	45.00	13.50	225.00	47.00	52.00	55.00
19.43	324.00	33.00	36.00	39.00	50.00	16.67	278.00	38.50	42.00	45.00



MODEL:JF37DD

37DD serial pumps are the high pressure plunger pumps with high quality and advanced technology. The power end is the box type, which is fed forcibly by the lubricant. The high speed shaft and crankshaft are driven by herringbone gear, which is stable and reliable with the low friction coefficient, improved lubrication performance, low noise, low temperature rise of power end, and is suitable for long continuous operation, as well as the hydraulic end with advanced technology. 37DD serial pumps are applied to chemical plants, sugar refinery, power plant condenser, heat exchanger, evaporation tank, boiler and other kinds of tank cleaning, for the cleaning of various industries such as the ship hull, powder metallurgy, assisted rock coal, also for the experiment platform, all kinds of hydraulic testing of drilling equipment on the oil field. It can pump water and emulsifying liquid as well as other liquids with chemical properties.



Technical Parameter List

Plunger	RPM 366		Pressu	ге Мра		
Plunger dia.	Flow	ru ²	110Kw	132 Kw	160Kw	200Kv
mm	m3/h	L/Min	HOKW	132 KW	IDUKW	ZUUKW
15.875	1.57	26	225	268	270	
18	2.02	34	175	209	255	270
20	2.5	42	141	170	205	225
22	3.02	50	120	140	170	185
24	3.6	60	100	117	142	160
26	4.22	70	85	100	121	133
28	4.89	82	72	86	105	115
30	5.62	94	63	75	91	100
32	6.39	107	55	66	80	87
35	7.65	127	46	55	66	73
38	9.01	150	39	47	56	62
40	9.99	166	35	42	50	56
45	12.64	211	28	33.5	40	44
48	14.38	240	24	29	35	39



MODEL:JF3D-250

The high pressure pump JF3D-250 is the plunger pump of super high pressure with advanced technology introduced from Germany. These series of product has the advantages of compact structure, small volume, light weight, high efficiency. In the power end, it is the outlet box with the forced lubrication. The herringbone gear driving between high speed shaft and crankshaft exists in stable transmission, in low friction, high lubrication and in low noise. In power end, the temperature rising is slowly, suitable for long time operation. In the hydraulic end, the advanced foreign technology is in reasonable design, easy maintenance and reliable operation.

This pump applies to ultra high pressure water jet cleaning, metal cutting, removing paint and derusting for ship, descaling and cleaning for condensator, thermo-exchanger, evaporator, evaporation container, boiler and all kinds of tank inner in chemical factory, in sugar factory, power plant etc. This equipment can pump water and emulsion, as well as other chemical liquid.



Technical Parameter List

Input	shaft	Pum; r/mir		speed	422		Input	shaft r/min	Pum;		eed	389	
r/min14	190	Outle	et Pr	essure er (M	of (Pa)		1776	1/11111	Outle	et Pi		essure of er (MPa)	
Nomina	al flow	132	160	200	250		Nomir	al flow	132	160	200	250	
M³/h	L/min	KW	KW	KW	KW		M³/h	L/min	KW	KW	KW	KW	
3	50		153	192	250	HT250(13/16)	46	2.76		153	192	250	
3.6	60			160	200	HT250 _(7/8)	58	3.48			160	200	
4.2	70				170	HT250(15/16)	67	4.02			- 2	170	
5.22	87	74.5	90	112	138	HT250 26	80	4.8	84	102	125	150	
6.06	101	64	77.5	96	119	HT25028	93	5.58	70	8.5	105	130	
6.96	116	56	67.5	84	103	HT25030	107	6.42	63	76.5	95	112	
7.92	132	49	60	74	90	HT25032	121	7.26	53.5	65	80	100	
8.94	149	43	52.5	6.5	80	HT25034	137	8.22	48.5	59	72	88	
10.02	167	38.5	46.5	58	7.1	HT25036	154	9.24	42	51	64	80	
11.16	186	34.5	42	52	65	HT25038	171	10.26	38	46.5	58	70	
12.36	206	31	38	47	59	HT25040	196	11.76	34	41	51	64	
13.63	227	28	34	43	52	HT25042	210	12.6	31.5	38	48	58	
15.66	261	24.5	30	37	45	HT25045	241	14.46	26.5	32.5	40	50	
19.32	322	20.5	24.5	30	38	HT25050	297	17.82	21.5	26	33	40	
23.4	390	16	19.5	24	30.5	HT25055	360	21.6	18	21.5	28	33	
27.9	465	1.4	17	21	25.5	HT25060	428	25.68	1.5	18	22	28	
29.76	496	12.5	15	19	24	HT25062	457.5	27.45	13.5	16.5	20.5	26	
32.7	545	11.	14	18	22	HT25065	503	30.18	12.5	15.5	19.5	24	

jf jet flow

MODEL:JF3KD

This pump is in small size, compact structure. In the power end, the pump fitted by a splash lubrication or forced lubrication in stable and reliable transmission, reducing the coefficient of friction, lubrication is improved; in the power end, temperature rising is slow, suitable for long time continuous operation.

The pump applies to breaking rock for coal with assisted stream in high pressure water jet, to supplying liquid to hydraulic prop in the mine, removing phosphorus in metallurgy, to removing powder in metallurgy, to cleaning and derusting of ship, to the foundation works, to the liquid conveyance, to the works excavation, to the pressure testing for various pipeline, metal pipe and drilling wellhead equipment in the oil field too.

Technical Parameter List

Input shaft sp	eed (min-1)		14	80		Plung	ger di	istance (mm)	95		
Gear reduction	on ratio(i)		3.6		Gear	redu	ction ra	tio(i)	2.963			
Pump speed(min ⁻¹)		40)5		Pump	spe	ed(min	5	00		
Power (KW)		55	75	90						Power (KW)		
Nominal flow	V				Plungs	r		1:		Nominal	flow	
M³/h	L/min	Pre	ssure l	MPa	diame r (mm		Pr	essure N	ЛР а	M³/h	L/min	
2.04	34	(80)			20	(65			42	2.52	
2.4	40	68			22		55	70		50	3	
2.88	48	57	(75)		24	- 2	46	61	(75)	60	3.6	
3	50	55	70		25		45	59	69	65	3.9	
3.42	57	50	65	(76)	26	- 2	40	53	70	70	4.2	
3.9	65	45	59	69	28	- 2	35	48	56	80	4.8	
	75	38	51	60	30		30	40	50	95	5.7	

MODEL:JF3SD-20K



The high pressure pump 3SD-20K is the plunger pump of big flow with advanced German technology Applied to the removing phosphorus in metallurgy, it is the power source on the ground for removing phosphorus in metallurgy, jetting water, jetting liquid for second or third oil exploitation and plunging pump in the field of water conservation, also for the big flow requirement in the industrial application. This equipment can pump water and emulsion, as well as other chemical liquid.



Technical Parameter List

Input sha (min ⁻¹)	ft speed			1480		Pi	lunger d	istance		120		
Gear re ratio(i)	eduction		1	4.04		G	ear redu	etion ra		4.6	519	
Pump speed(mir	n-1)			366		Pı	ump spe		32	20		
Power (K	W)	110	132	160	200		110	132	160	200	Power	(KW)
Nominal 1	flow		Pressu	re MPa		Plunger diamete		Pressu	Nomin flow	nal		
M³/h	L/min					r(mm)					L/min	M ³ /h
	195	28	33	40	45	45	31	38	46	57	173	10.38
11.7	2000	13.588275	0.1535	30.556	140	40	34	(T)(T)	7.00	320000	2500000	5000000
11.7	240	22	27	33	36	50	25	31	37	46	213	12.78
	- 2000	22 19	0100	33 27		1000	- 33.5	3038	2123	2700	-	12.78 15.48
14.4	240		27		36	50	25	31	37	46	213	
14.4 17.7	240 295	19	27 22	27	36 30	50 55	25 21	31 25	37 30	46 38	213 258	15.48