

MODELS WE OFFER FOR RECIPROCATING PUMPS

(A) PLUNGER PUMPS

STROKE LENGTH & NO. OF PLUNGERS	PUMP MODEL	PUMP FLOW (M ³ /Hr)	DISCHARGE PRESSURE (Kg/Cm ²)	MAXIMUM OPERATING SPEED	PUMP POWER RATING	SERVICE/APPLICATION
3 INCH STROKE TRIPLEX (33-5 /33-5R)	D-323	0.87 to 21.72	68.0 to 281.0	500	45.0 KW	Injection, Disposal & Pr. Maintenance
	D 323-ST	0.87 to 21.72	68.0 to 161.0	500	45.0 KW	Oil Gathering and Transportation
	D-313-PO	0.69 to 5.98	246.7 to 421.8	500	45.0 KW	High pressure power oil pumps
4 INCH STROKE TRIPLEX (43-7 /43-7R) (43-8)	A-324	1.45 to 21.11	116.7 to 351.5	450	75.0 KW	Injection, Disposal & Pr. Maintenance
	A-334	2.45 to 31.53	65.66 to 223.57	450	75.0 KW	Injection, Disposal & Pr. Maintenance
	A-344	5.22 to 66.72	36.9 to 105.46	450	75.0 KW	Injection, Disposal & Pr. Maintenance
	A 324-H	1.45 to 21.11	145.8 to 351.5	450	93.0 KW	Injection, Disposal & Pr. Maintenance
	A 334-H	2.45 to 31.53	82.0 to 223.5	450	93.0 KW	Injection, Disposal & Pr. Maintenance
	A 344-H	5.22 to 51.9	46.19 to 105.46	450	93.0 KW	Injection, Disposal & Pr. Maintenance
6 INCH STROKE TRIPLEX (63-10 / 63-10R)	A-316 / 316-P	3.12 to 15.64	254.5 to 397.23	320	119.0 KW	Injection, Disposal & Pr. Maintenance
	A-326-PO	3.67 to 20.08	198.2 to 338.87	320	119.0 KW	High pressure power oil pumps
	A-336 / 336-P	5.56 to 40.03	99.83 to 223.5	320	119.0 KW	Injection, Disposal & Pr. Maintenance
	A-346 / 346-P	12.51 to 90.07	44.22 to 99.83	320	119.0 KW	Injection, Disposal & Pr. Maintenance
	A 356-D / 356-PD	14.68 to 139.0	35.5 to 84.36	400	119.0 KW	Oil Gathering and Transportation
6 INCH STROKE QUINTUPLEX (65-10 / 65-10R)	A-516	5.21 to 29.31	254.5 to 397.2	360	199.0 KW	Injection, Disposal & Pr. Maintenance
	A-536	9.26 to 75.06	99.8 to 223.5	360	201.0 KW	Injection, Disposal & Pr. Maintenance
	A-546	20.8 to 150.64	49.56 to 99.8	360	199.0 KW	Injection, Disposal & Pr. Maintenance

8 INCH STROKE TRIPLEX (83-20R)	D-328	8.37 to 28.73	259.4 to 396.5	225	224.0 KW	Injection, Disposal & Pr. Maintenance
	E-338	12.77 to 37.53	199.0 to 259.4	225	224.0 KW	Injection, Disposal & Pr. Maintenance
	C 348-FS	19.57 to 75.32	99.0 to 169.5	225	224.0 KW	Injection, Disposal & Pr. Maintenance
	C 358-FS	29.65 to 104.25	71.7 to 111.8	225	226.0 KW	Injection, Disposal & Pr. Maintenance
	C 368-FS	14.68 to 176.2	42.0 to 169.5	225	226.0 KW	Oil Gathering and Transportation
	B-368	51.0 to 176.2	42.0 to 65.0	225	226.0 KW	Injection, Disposal & Pr. Maintenance
8 INCH STROKE QUINTUPLEX (85-25)	C-528	13.94 to 47.88	324.8 to 421.8	225	471.0 KW	Injection, Disposal & Pr. Maintenance
	C-538	19.3 to 85.14	180.6 to 281.0	225	470.0 KW	Injection, Disposal & Pr. Maintenance
	C-548	32.62 to 111.2	140.6 to 210.9	225	471.0 KW	Injection, Disposal & Pr. Maintenance
	B-558	55.8 to 210.2	73.8 to 124.0	225	471.0 KW	Injection, Disposal & Pr. Maintenance
	C 558-ST	55.8 to 196.2	73.8 to 124.0	225	471.0 KW	Oil Gathering and Transportation

(B) TRIPLEX SINGLE ACTING MUD PUMPS

STROKE LENGTH & NO. OF PLUNGERS	PUMP MODEL	PUMP FLOW (M ³ /Hr)	DISCHARGE PRESSURE (Kg/Cm ²)	MAXIMUM OPERATING SPEED	PUMP POWER RATING (KW)	SERVICE/APPLICATION
8 INCH STROKE, TRIPLEX	A 400-PT	14.76 to 158.9	62.0 to 190.0	175	400 HP	Drilling Mud Service for Oil Rigs
8 INCH STROKE, TRIPLEX	A 600-PT / B 600-PT	14.76 to 158.9	93.0 to 285.0	175	600 HP	Drilling Mud Service for Oil Rigs
9 INCH STROKE, TRIPLEX	A 850-PT	31.34 to 187.6	111.36 to 250.6	160	850 HP	Drilling Mud Service for Oil Rigs
10 INCH STROKE, TRIPLEX	A 1100-PT	29.07 to 195.5	140.0 to 315.0	150	1100 HP	Drilling Mud Service for Oil Rigs
10 INCH STROKE, TRIPLEX	A 1400-PT	28.84 to 195.5	178.5 to 351.5	150	1400 HP	Drilling Mud Service for Oil Rigs
12 INCH STROKE, TRIPLEX	A 1700-PT	34.75 to 234.6	178.5 to 351.5	150	1700 HP	Drilling Mud Service for Oil Rigs

(C) AMMONIA AND CARBAMATE PUMPS

STROKE LENGTH & NO. OF PLUNGERS	PUMP MODEL	PUMP FLOW (M ³ /Hr)	DISCHARGE PRESSURE (Kg/Cm ²)	PUMP POWER RATING (KW)	SERVICE/APPLICATION
140 mm STROKE, TRIPLEX	KD-811	7.0 to 46.1	100.0 to 630.0	195.0	Ammonia / Carbamate Injection Service in Fertilizer Plants
150 mm STROKE, TRIPLEX	KD-812	3.9 to 93.9	85.0 to 630.0	244.0	Ammonia / Carbamate Injection Service in Fertilizer Plants
180 mm STROKE, TRIPLEX	KD-813	5.7 to 126.2	95.0 to 630.0	374.0	Ammonia / Carbamate Injection Service in Fertilizer Plants
220 mm STROKE, TRIPLEX	KD-815	10.2 to 209.4	100.0 to 600.0	870.0	Ammonia / Carbamate Injection Service in Fertilizer Plants
270 mm STROKE, TRIPLEX	KD-817	15.5 to 315.6	100.0 to 630.0	985.0	Ammonia / Carbamate Injection Service in Fertilizer Plants
220 mm STROKE, TRIPLEX	KD-825	12.0 to 209.4	130.0 to 675.0	830.0	Ammonia / Carbamate Injection Service in Fertilizer Plants
270 mm STROKE, TRIPLEX	KD-827	19.8 to 315.6	130.0 to 650.0	1280.0	Reactor Feed Ammonia Service for Fertilizer Plants.

(D) CEMENTING UNITS

STROKE LENGTH & NO. OF PLUNGERS	PUMP MODEL	PUMP FLOW (M ³ /Hr)	DISCHARGE PRESSURE (Kg/Cm ²)	PUMP POWER RATING (KW)	SERVICE/APPLICATION
4 INCH TRIPLEX	PACEMAKER	47.7 to 97.66	595.0 to 1055	375.0 (500 HP)	Pumping of Cement Slurry for Cementing of oil wells

(E) SUCKER ROD PUMPING UNITS

MODEL	ROD LOAD (lb)	MAX. TORQUE RATING (lb)	MAXIMUM STROKE LENGTH (INCH)	SERVICE/APPLICATION
C 114 -D 119 -86	11,900	1,14,000	86 INCH	LowPressure Zone Crude Oil Extraction
C 228- D 213 -86	21,300	2,28,000	86 INCH	Low Pressure Zone Crude Oil Extraction
C 228-D 173 -100	17,300	2,28,000	100 INCH	Low Pressure Zone Crude Oil Extraction
C 456-D 256 -144	25,600	4,56,000	144 INCH	LowPressure Zone Crude Oil Extraction

NOTE : Pump Discharge Flow Rates indicated above are based on 100% Volumetric Efficiency.