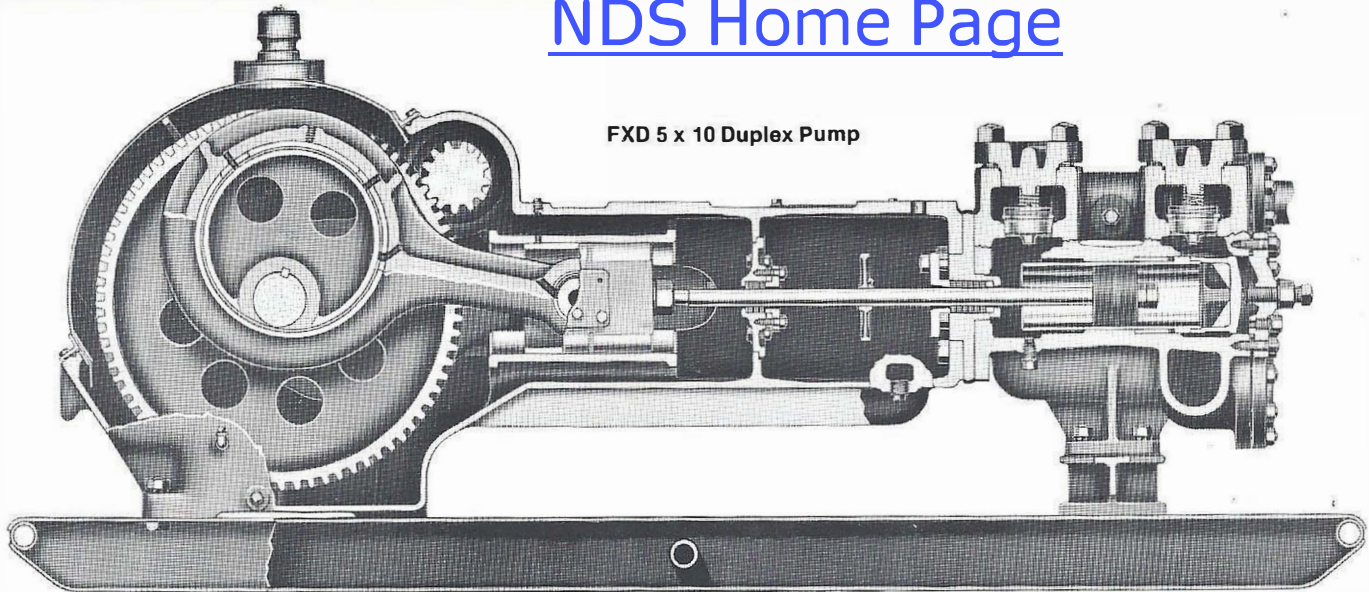


GARDNER-DENVER FX DUPLEX PUMPS

52 to 487 Gallons Per Minute Displacement

[NDS Home Page](#)



FXD 5 x 10 Duplex Pump

SIZES AND RATINGS - FX DUPLEX PUMPS FOR MUD AND CEMENT SERVICE

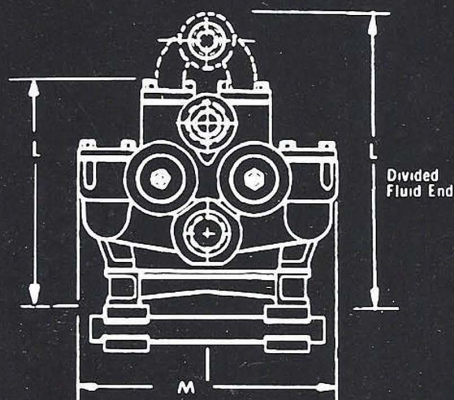
Size Number and Stroke	† Liner Size Diameter		Displacement		Maximum Pressure		Maximum Piston Load		Max Pump RPM	Jack-shaft RPM	Input HP at Maximum Speed	Pipe Sizes				Approximate Weight Without Skid	
	In	mm	GPM	BPH	PSI	Kg/cm ²	Lb	Kg				Suction		Discharge		Lb	Kg
FF-FXF 5" (127 mm)	4½	114.3	121	173	197	13.85					16.2						
	4	101.6	94.4	135	250	17.58					16.2						
	3½	88.9	72.3	103	326	22.92					16.2						
	3	76.2	52.4	75	444	31.22					15.9						
	2½	63.5	35.6	50.9	639	44.93					15.6						
FG-FXG 6" (152mm)	5	127.0	150	214	310	21.80					32						
	4½	114.3	121	173	385	27.07					32						
	4	101.6	94.9	136	492	34.59					32						
	3½	88.9	71.9	103	646	45.42					32						
	3	76.2	52.0	74.3	895	62.93					32						
FD-FXX 8" (203mm)	5½	139.7	222	317	338	23.76					51.5						
	5	127.0	182	260	409	28.76					51.1						
	4½	114.3	146	209	505	35.51					50.6						
	4	101.6	113	161	640	45.00					49.6						
	3½	88.9	84.7	121	836	58.78					48.6						
FC-FXX 8" (203mm) Divided Fluid End	5	127.0	182	260	409	28.76					51.1						
	4½	114.3	146	209	505	35.50					50.6						
	4	101.6	113	161	640	45.00					49.6						
	3½	88.9	84.7	121	836	58.78					48.6						
	3	76.2	59.9	85.6	1136	79.87					46.7						
FY-FXX 8" (203mm) Divided Fluid End	7½	190.5	420	600	182	12.80					52.4						
	7	184.2	391	559	195	13.71					52.3						
	6½	177.8	365	521	209	14.69					52.3						
	6	171.5	322	460	217	15.26					52.2						
	5½	139.7	222	317	338	23.76					51.5						
FD-FXD 10" (254mm)	5½	139.7	257	367	475	33.40					83.8						
	5	127.0	211	301	574	40.36					83.1						
	4½	114.3	169	241	709	49.85					82.2						
	4	101.6	131	187	897	63.07					80.6						
	3½	88.9	98.3	140	1171	82.33					79.0						
FC-FXD 10" (254mm) Divided Fluid End	5	127.0	211	301	574	40.36					83.1						
	4½	114.3	169	241	709	49.85					82.2						
	4	101.6	131	187	897	63.07					80.6						
	3½	88.9	98.3	140	1171	82.32					79.0						
	3	76.2	69.6	99.4	1594	112.07					76.1						
FY-FXD 10" (254mm) Divided Fluid End	7½	190.5	487	696	255	17.93					85.2						
	7	184.2	454	649	273	19.19					85.0						
	6½	177.8	423	604	292	20.53					84.8						
	6	171.5	392	560	315	22.15					84.7						
	5½	139.7	257	367	475	33.40					83.8						
FXO-FXO 10" (254mm) Divided Fluid End	5	127.0	223	319	772	54.28					118.2						
	4½	114.3	179	256	951	66.86					116.8						
	4	101.6	138	197	1206	84.79					114.2						
	3½	88.9	102	146	1500	105.47					105.0						
	3	76.2	69.6	99.4	1594	112.07					76.1						
FO-FXO 10" (254mm) Divided Fluid End	7½	184.2	486	694	367	25.80					122.4						
	7	177.8	452	646	393	27.63					121.9						
	6½	171.5	419	599	423	29.74					121.6						
	6	165.1	388	554	457	32.13					121.7						
	5½	139.7	273	390	638	44.86					120.7						
FO-FXO 10" (254mm) Divided Fluid End	5	127.0	223	319	772	54.28					118.2						
	4½	114.3	179	256	951	66.86					116.8						
	4	101.6	138	197	1206	84.79					114.2						
	3½	88.9	102	146	1500	105.47					105.0						
	3	76.2	69.6	99.4	1594	112.07					76.1						

*Cast steel fluid cylinders tested to 7000 pounds available as extra equipment.

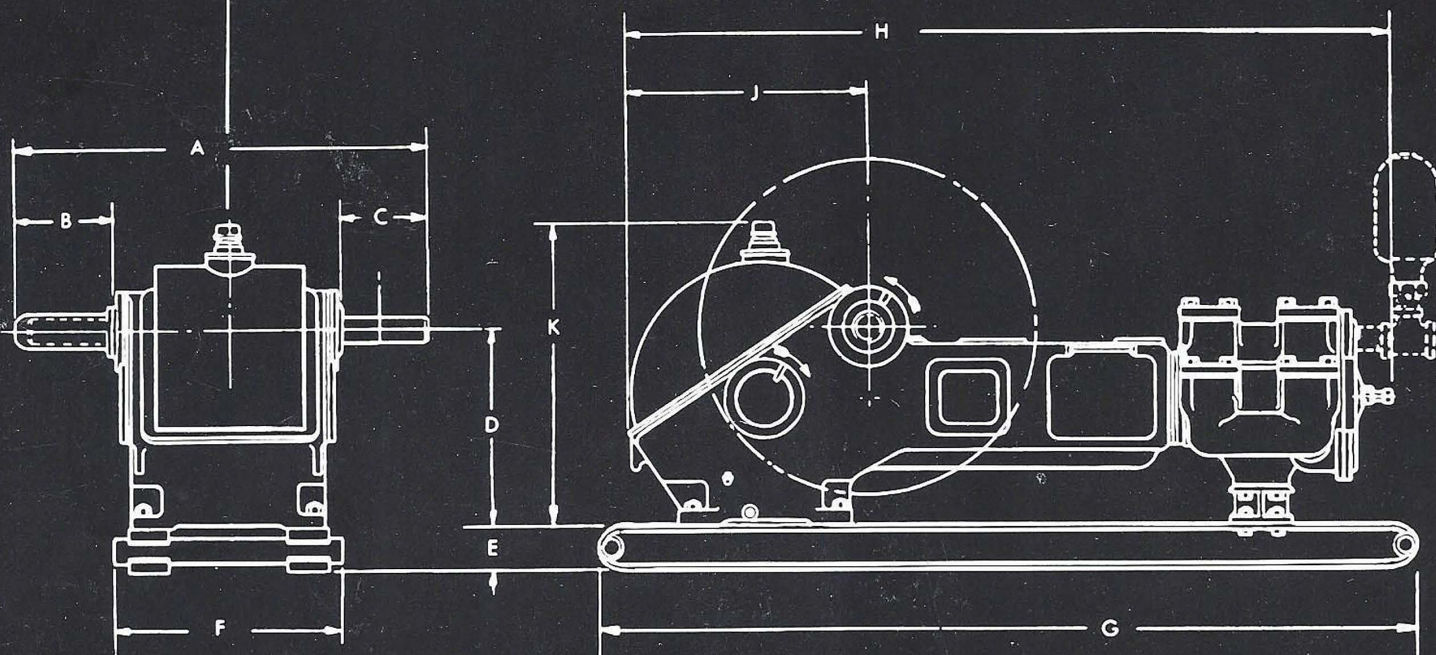
†Fluid cylinder liners and pistons are interchangeable in all sizes in the tables except for FF cylinders fitted with 4½" parts and FD cylinders fitted with 5½" parts.

GARDNER-DENVER

FX PUMP DIMENSIONAL DATA



Pump Model		A	B	C	D	E	F	G	H	J	K	L	M
FF-FXF	In.	30.1	6.3	5.0	13.5	4.0	24.5	70.0	67.4	22.7	13.5	18.7	25.0
	mm	765	160	127	343	102	622	1778	1712	577	343	475	635
FG-FXG	In.	35.4	7.4	6.1	15.5	6.3	24.0	87.5	79.3	24.6	23.3	21.0	29.6
	mm	899	188	155	394	160	610	2223	2014	625	592	533	752
FD-FXX	In.	49.8	10.3	9.0	21.7	4.0	32.0	108.0	96.9	28.5	31.0	27.0	36.3
	mm	1265	262	229	551	102	813	2743	2461	724	787	686	922
*FC-FXX	In.	49.8	10.3	9.0	21.7	4.0	36.0	108.0	95.4	28.5	31.0	*36.0	33.8
	mm	1265	262	229	551	102	914	2743	2423	724	787	914	859
FY-FXX	In.	49.8	10.3	9.0	26.7	6.0	36.0	112.0	104.1	28.5	36.0	36.3	42.0
	mm	1265	262	229	678	152	914	2845	2644	724	914	922	1067
FD-FXD	In.	59.4	14.6	12.4	28.0	6.0	34.5	116.0	107.1	34.0	42.5	32.0	36.3
	mm	1509	371	315	711	152	876	2946	2720	864	1080	813	922
*FC-FXD	In.	59.4	14.6	12.4	28.0	6.0	33.5	113.1	106.0	34.0	42.5	*43.0	33.8
	mm	1509	371	315	711	152	851	2873	2692	864	1080	1092	859
FY-FXD	In.	59.4	14.6	12.4	28.0	6.0	37.8	122.0	115.6	34.0	42.5	36.3	42.0
	mm	1509	371	315	711	152	833	3099	2936	864	1080	922	1067
FXO-FXO	In.	63.8	16.8	13.0	27.9	8.1	35.0	132.0	116.8	36.5	51.5	43.3	41.0
	mm	1621	427	330	709	206	889	3353	2967	927	1308	1100	1041
FO-FXO	In.	63.8	16.8	13.0	27.9	8.1	35.0	139.0	122.3	36.5	51.5	47.1	49.0
	mm	1621	427	330	709	206	889	3531	3106	927	1308	1196	1245



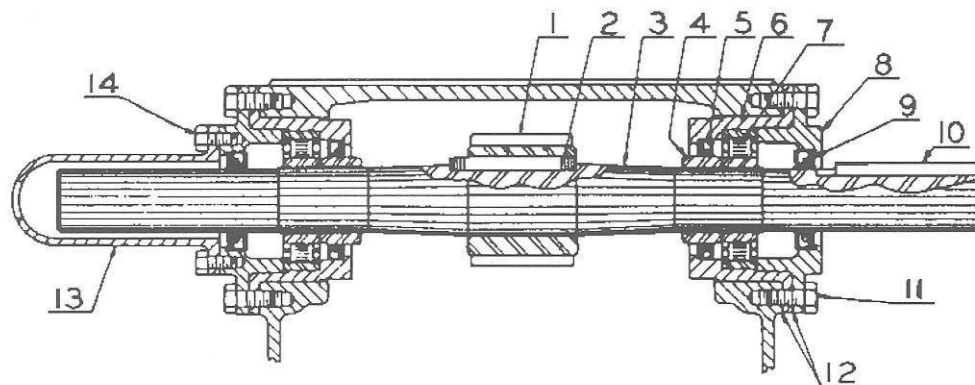
Specifications subject to change without notice.
Sales and Service Offices in all principal cities.

For additional information, contact your local representative or Cooper Petroleum Equipment Div./Gardner-Denver, 1800 Gardner Expressway, Quincy, Illinois 62301. (217) 222-5400, Telex 40-4332

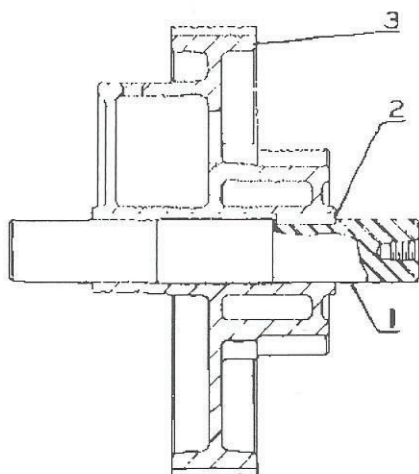


**GARDNER-DENVER
PETROLEUM EQUIPMENT**

FXG 6" Stroke Duplex Power Pump

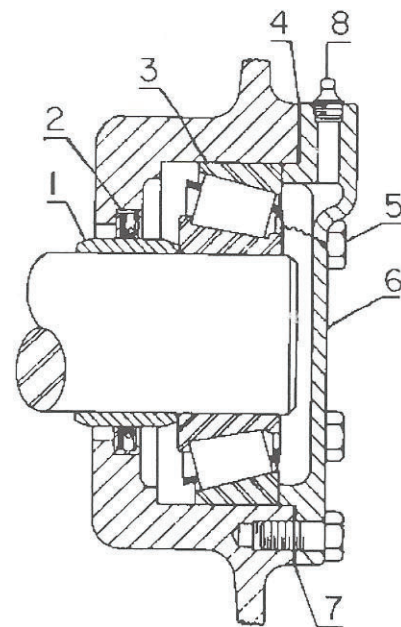


Jackshaft

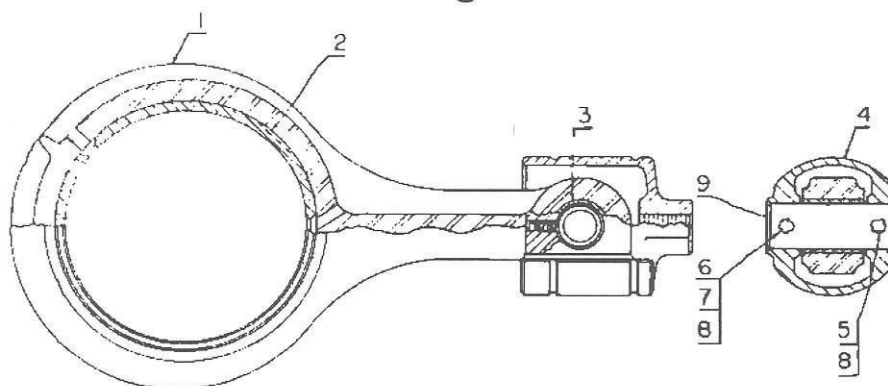


Eccentric Gear & Shaft

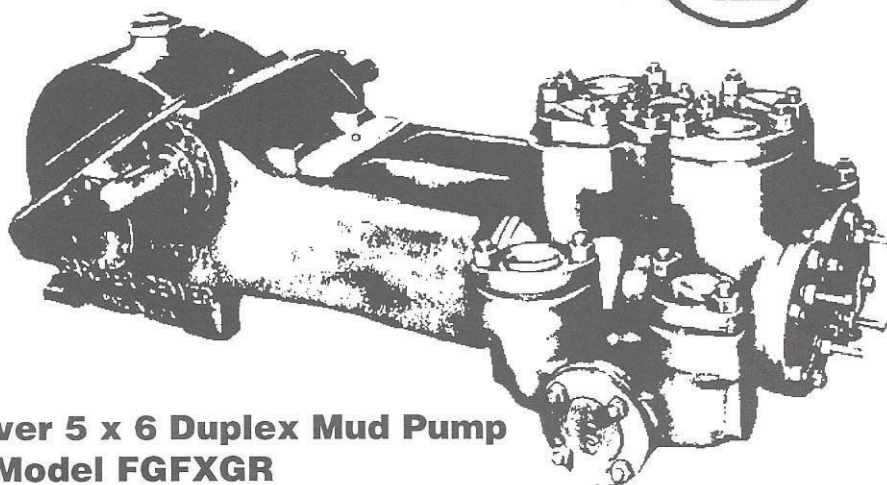
**Eccentric
Shaft
Bearing**



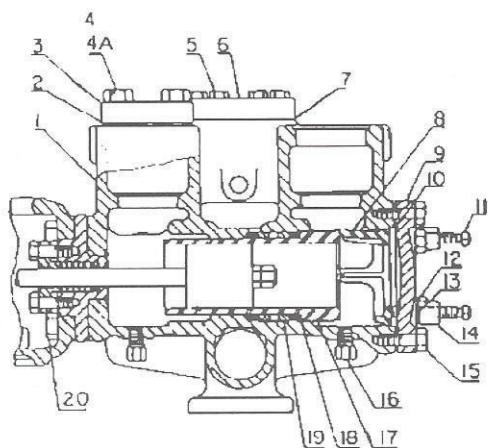
Connecting Rod & Crosshead



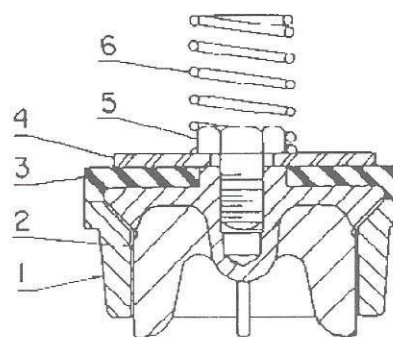
**Gardner Denver & George E. Failing
Drilling Rig Parts, Mud Pumps
& Pump Parts**



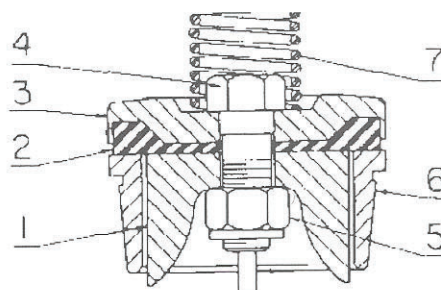
**Gardner Denver 5 x 6 Duplex Mud Pump
Model FGFXGR**



Fluid End

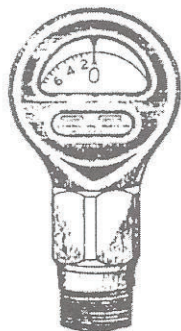
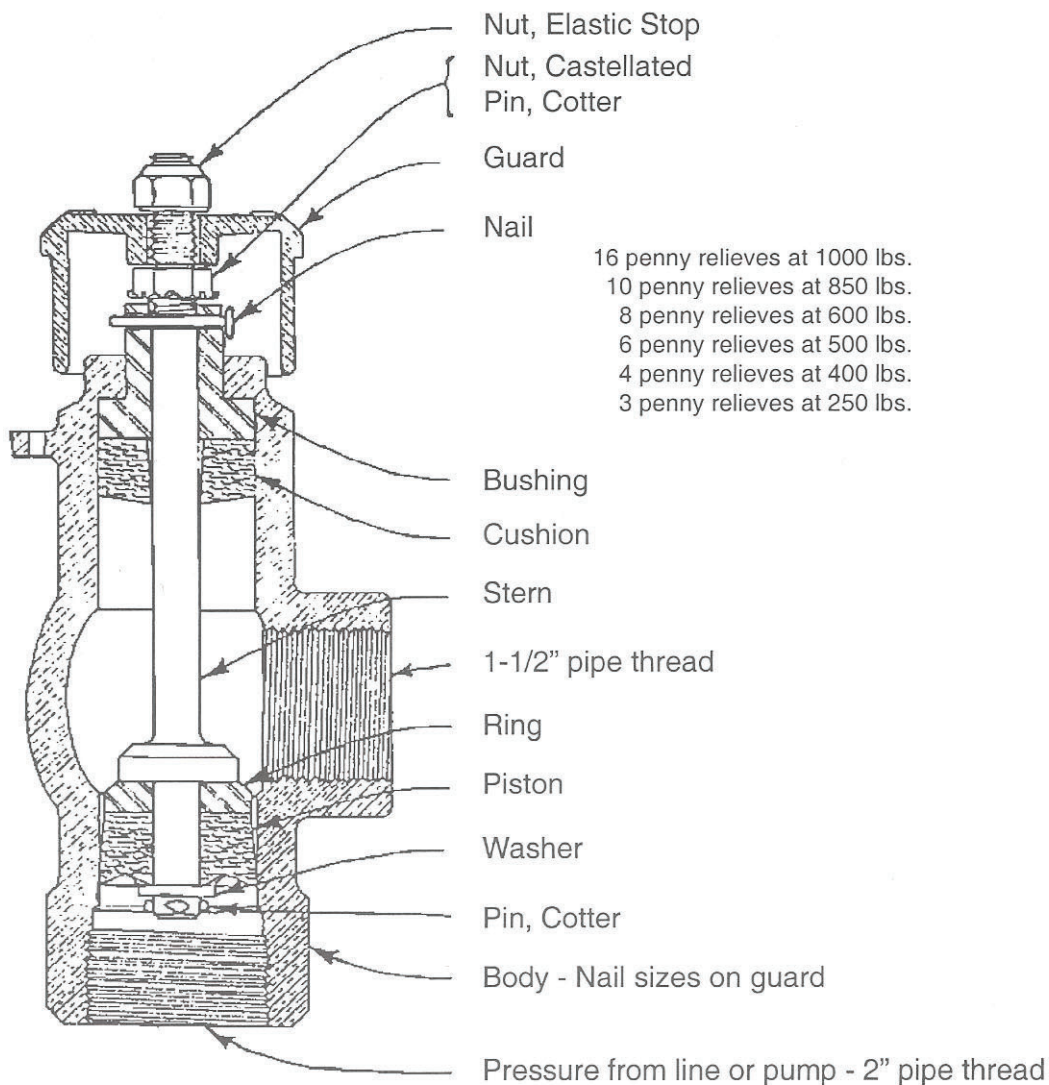


Standard Valve



Gravel Valve

SHEAR RELIEF VALVE



Type "F" Pressure Gauge

0 — 1,000 PSI

- The self-contained dampening mechanism in this gauge requires no adjustment for changes in pressure range, and gives uniformly steady pressure readings.
- The dial and internal parts are cushioned against line vibrations and the gauge window will not frost in cold weather.
- Ideal for slush pump service, portable core drills and pipe lines.
- Has 2" N.P.T. male bottom connection.