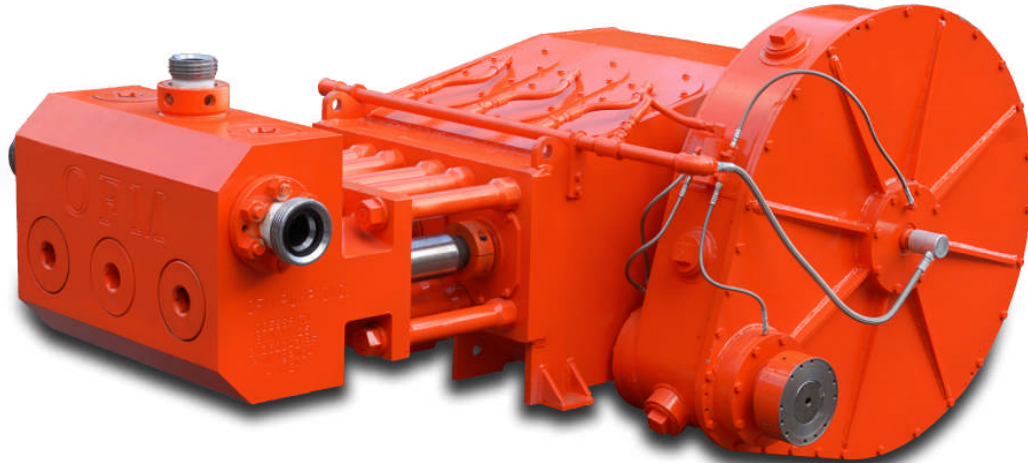


TRIPLEX PLUNGER PUMP
FOR ACIDIZING, CEMENTING, CIRCULATING, FRACTURING,
WELL SERVICE & SAND CONTROL



OFM-1000
INTERMITTANT DUTY RATING

PUMP SPECIFICATIONS

Pump Type.....	Horizontal, single-acting plunger
Fluid End Type.....	Forged, Monoblock
Horsepower.....	1000
Stroke Length.....	8"
Maximum Rod Load.....	175,000 lbs.
Gear Ratio.....	6.353 : 1
Weight.....	8,500 lbs.

PERFORMANCE DATA **

Plunger Diameter (Inches)	Gallons Per Rev.	PUMP SPEED IN CRANKSHAFT REVOLUTIONS PER MINUTE (RPM)									
		50		100		200		300		330	
		GPM	PSI	GPM	PSI	GPM	PSI	GPM	PSI	GPM	PSI
6	2.94	147	6000	294	4960	588	2475	881	1655	969	1500
5-3/4	2.70	135	6500	270	5400	540	2700	809	1800	890	1639
5-1/2	2.47	123	7000	247	5905	494	2950	741	1967	815	1788
5	2.04	102	8500	204	7140	408	3570	612	2383	673	2163
4-1/2	1.65	83	10,500	165	8483	330	4400	496	2939	545	2672
4	1.31	65	13,300	131	11,161	261	5580	392	3717	431	3383
3-3/4	1.15	57	15,000	115	12,700	229	6350	344	4233	379	3850
3-1/2	1	50	16,500	100	14,500	200	7288	300	4861	330	4415
Brake Horsepower		615		1000		1000		1000		1000	
Pinion RPM		318		635		1271		1906		2097	

** Based on 90% ME and 100% VE.

Note: This pump is available with an Industrial rating of 750 hp.

Standard Equipment

- Oil level gauge
- Crankshaft type construction
- Single-extended crankshaft
- Pressure lubrication
- Left or right gear box mounting (6.353:1)
- Suction and discharge on either side
- Clamp connections between plungers & push rods
- Colmonoy coated plungers
- Forged steel fluid cylinder
- Input hub (1810 Spicer)
- WECO discharge connections (2" & 3")
- 6" suction manifold with Victaulic connections
- Non-adjustable header ring packing
- Center gauge connection (WECO)

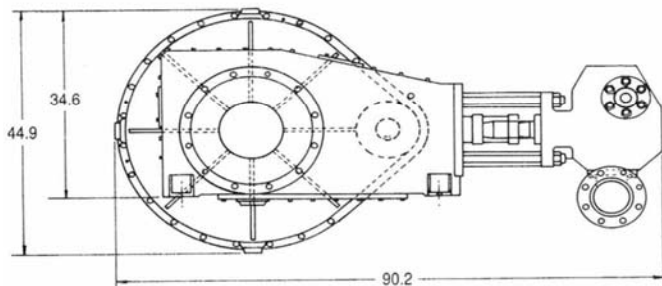
Optional Accessories

- Mechanical stroke and flow counter
- Lubricator for packing (oil or grease)
- Suction stabilizer / dampener
- Discharge pulsation dampeners
- Discharge pressure relief valve
- Fluid-end tool kit
- Suction manifold valve lifters and clean outs
- Oil filter (spin-on cartridge) and relief valve
- Valve seat puller kit (manual or hydraulic)
- Hydraulic torque wrench
- Companion flanges or WECO adapters
- Autofrettaged fluid cylinder
- External lubricator pump with electric motor
- Oil cooler with electric motor

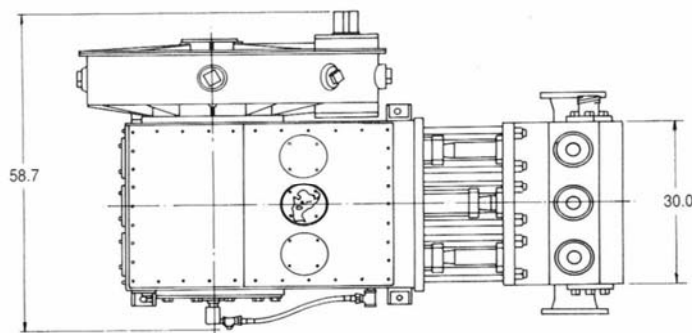
MATERIAL SPECIFICATIONS

FLUID END		POWER END			
Component	Material	Component	Material	Component	Material
Cylinder	Forged SAE 4340M	Crankshaft	Forged alloy steel	Tie Rods	Steel
Packing	Header ring style	Connecting Rods	High Strength Nodular Iron	Main Bearings	Roller
Stuffing Boxes	Forged steel	Crossheads	High Strength Nodular Iron	Crankpin Bearings	Bronze
Plungers	Colmonoy coated	Crosshead Guides	Bronze (replaceable)	Crosshead Pin Bearing	Bronze

*Materials listed are furnished as standard equipment. Alternate materials available upon request.



SIDE VIEW



TOP VIEW



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