

ROTATING RIGHT

## MODEL W-350 WELL SERVICE PUMP



### W-350

#### Power End Features

- One piece, High strength steel power frame
- Heavy-duty, tapered roller crankshaft bearings
- Precision type, aluminum alloy crankpin bearings
- Stainless steel connecting rods, removable from crossheads
- 4.667:1 chain driven reducer standard
- Cast iron crossheads with upper/lower oil grooves
- Stainless Steel Intermediate rods, removable from crossheads
- Replaceable Stainless Steel intermediate rods
- Flooded sump, splash distribution lubrication

#### Fluid End Features

- Forged Alloy Steel Fluid Ends
- Forged Steel buttress threaded valve covers
- Two Piece Piston Rods
- Individually removable Liners
- Plungers and packing, general service lip type
- Ductile iron stuffing boxes with screw type glands
- Mission Service Master Valves and Seats



# W-350 Triplex Plunger Pump

## Performance Data

Plunger Diameter	Displacement Factors* @ 100% V. E. U.S. Gal. per Rev.	Pump Speed in Crankshaft Revolutions Per Minute (RPM)									
		50		100		200		300		450	
		Flow @ 100% V. E.	Max Press. @ Flow	Flow @ 100% V. E.	Max Press. @ Flow	Flow @ 100% V. E.	Max Press. @ Flow	Flow @ 100% V. E.	Max Press. @ Flow	Flow @ 100% V. E.	Max Press. @ Flow
		U.S. Gal. per Min.	PSIG	U.S. Gal. per Min.	PSIG	U.S. Gal. per Min.	PSIG	U.S. Gal. per Min.	PSIG	U.S. Gal. per Min.	PSIG
Inches	GPR	GPM	PSIG	GPM	PSIG	GPM	PSIG	GPM	PSIG	GPM	PSIG
5.00	1.530	77	4076	153	3333	306	1666	459	1111	689	741
4.50	1.239	62	5033	124	4116	248	2058	372	1372	558	915
4.00	0.979	49	6369	98	5209	196	2604	294	1736	441	1157
3.50	0.750	38	8314	75	6799	150	3399	225	2266	338	1500
3.00	0.551	28	11317	55	9254	110	4627	165	3085	248	2050
2.75	0.463	23	13468	46	11013	93	5507	139	3671	208	2450
2.50	0.382	19	16323	38	13349	76	6674	115	4450	172	2960
2.25	0.310	16	20115	31	16449	62	8224	93	5483	140	4600
2.00	0.245	12	25451	25	20813	49	10406	74	6938	110	4625
Input Power	Brake ** Horsepower	214		350		350		350		350	
Pinion RPM @ 5.25:1 Gear Ratio		263		525		1050		1575		2363	
Pinion RPM @ 4.68:1 Gear Ratio		234		468		936		1404		2106	

\*V.E. = Volumetric Efficiency, \*\* BHP (Brake Horsepower) is based on 85% Mechanical Efficiency

The information and data on this sheet is accurate to the best of our knowledge and belief, but are intended for general information only. Applications suggested for the materials are described only to help readers make their own evaluations and decisions, and are neither guarantees nor to be construed as express or implied warranties of suitability for these or other applications. National Oilwell makes no warranty either express or implied beyond that stipulated in National Oilwell Standard Terms and Conditions of Sale.

## Accessories

Rotating Right offers a full line of accessories to ensure long trouble free and safe operation of your multiplex pumps.

### Accessories Include:

- Pulsation Dampeners - Suction & Discharge
- Vibration Shock Switches
- Liquid Level Gauges & Switches
- Pressure Safety Valves
- Plunger Lubricators
- Fire Safety Valves
- High Discharge Pressure Switch
- Condensate Drain
- N.A.C.E. Valving
- Lubricator Level Controller
- API Valves
- Drive Options



## Expendables



With our worldwide buying power Rotating Right is well equipped to provide a wide range of replacement parts & expendables for virtually all multiplex plunger pumps regardless of make or model.

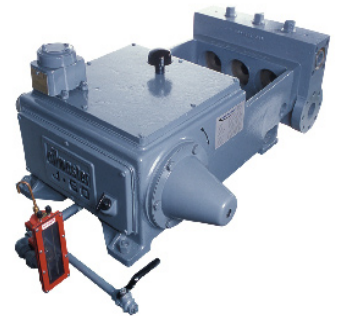


Our expendables inventory includes plungers, packing, brass, valves, bearings, crankshafts, connecting rods and seals.



## Repair & Overhauls

Rotating Right service technicians follow strict quality control procedures for every pump repair and overhaul. The use of consistent and reliable re-manufacturing techniques ensure your equipment is returned to you in "Like New" condition.



**Head Office:**  
6120 Davies Road  
Edmonton, AB  
T6E 4M9

Phone: (780) 485-2010 • Toll Free: (866) 707-7867  
Fax: (780) 485-1938  
• Calgary • Drayton Valley • Lloydminster  
[www.rotatingright.com](http://www.rotatingright.com)