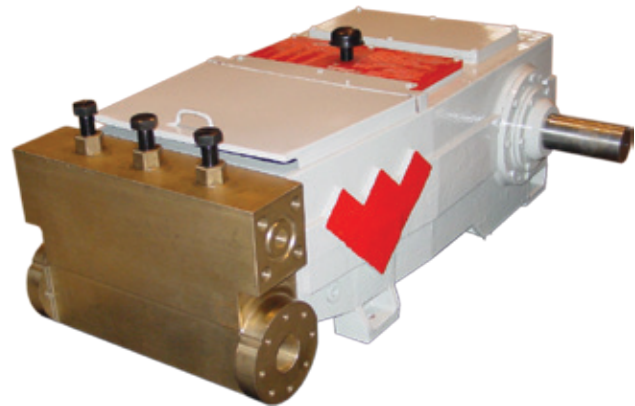




## *W130 Triplex Power Pump*

Weatherford's W130 triplex power pumps are offered with fluid cylinders of nickel-aluminum bronze, forged carbon steel or duplex stainless steel. A variety of packing and valve arrangements are available to meet the requirements of any application. The critical components of the power end—crankshaft, connecting rods, crossheads and bearings—are comparatively larger than industry-standard components enabling them to withstand continuous-duty service and harsh operating conditions.



### *Applications*

- Amine-gas sweetening
- Chemical injection
- Crude transfer
- Fracturing-fluid recovery
- Glycol-gas dehydration
- Horizontal directional drilling
- Hot-oil truck injection
- Hydrostatic testing
- Light-hydrocarbon transportation
- Methanol injection
- Municipal jetting
- Oil production
- Polymer flood
- Produced-water disposal
- Pulp and paper
- Reverse osmosis
- Secondary recovery
- Steam-boiler feed
- Steel mill descaling
- Water injection

### *Specifications*

Rated power	130 HP
Stroke length (in./mm)	4.0 101.6
API-674 speed	350 rpm
Maximum speed	450 rpm
Minimum speed	150 rpm
Rated rod load (lb/kg)	8,590 3,896
Weight (lb/kg)	2,360 1,070
Oil capacity (gal/L)	5.5 20.8
Mechanical efficiency	90%



## *W130 Triplex Power Pump*

### *Performance Ratings*

Plunger Size (in.)	Displacement (gal/rev)	Rated Pressure (psi/mPa)	Cylinder Rating	Rated Capacity (gal/min, b/d)					
				150 rpm	250 rpm	300 rpm	350 rpm (API-674)	400 rpm	450 rpm
1.375	0.0771	5,000	H	11.6	19.3	23.1	27.0	30.9	34.7
		34.5		397	661	793	926	1,058	1,190
1.500	0.0918	4,860		13.8	22.9	27.5	32.1	36.7	41.3
		33.5		472	787	944	1,102	1,259	1,416
1.625	0.1077	4,140		16.2	26.9	32.3	37.7	43.1	48.5
		28.5		554	923	1,108	1,293	1,478	1,662
1.750	0.1249	3,570		18.7	31.2	37.5	43.7	50.0	56.2
		24.6		643	1,071	1,285	1,499	1,714	1,928
1.875	0.1434	3,110		21.5	35.9	43.0	50.2	57.4	64.5
		21.4		738	1,229	1,475	1,721	1,967	2,213
2.000	0.1632	2,730	24.5	40.8	49.0	57.1	65.3	73.4	
		18.8	839	1,399	1,679	1,958	2,238	2,518	
2.125	0.1842	2,420	27.6	46.1	55.3	64.5	73.7	82.9	
		16.7	948	1,579	1,895	2,211	2,527	2,843	
2.250	0.2065	2,160	31.0	51.6	62.0	72.3	82.6	92.9	
		14.9	1,062	1,770	2,125	2,479	2,833	3,187	
2.375	0.2301	1,940	34.5	57.5	69.0	80.5	92.1	103.6	
		13.4	1,184	1,973	2,367	2,762	3,156	3,551	
2.500	0.2550	1,750	38.2	63.7	76.5	89.2	102.0	114.7	
		12.1	1,311	2,186	2,623	3,060	3,497	3,934	
2.625	0.2811	1,590	42.2	70.3	84.3	98.4	112.5	126.5	
		11.0	1,446	2,410	2,892	3,374	3,856	4,338	
2.750	0.3085	1,450	46.3	77.1	92.6	108.0	123.4	138.8	
		10.0	1,587	2,645	3,174	3,703	4,232	4,760	
3.000	0.3672	1,220	55.1	91.8	110.2	128.5	146.9	165.2	
		8.4	1,888	3,147	3,777	4,406	5,036	5,665	
3.250	0.4309	1,040	64.6	107.7	129.3	150.8	172.4	193.9	
		7.2	2,216	3,694	4,433	5,171	5,910	6,649	
3.500	0.4998	890	75.0	124.9	149.9	174.9	199.9	224.9	
		6.1	2,570	4,284	5,141	5,998	6,854	7,711	
3.625	0.5361	830	80.4	134.0	160.8	187.6	214.5	241.3	
		5.7	2,757	4,595	5,515	6,434	7,353	8,272	

#### General Notes

- Capacities shown are based on 100% volumetric efficiency. Actual capacities are lower, based on discharge pressure and fluid compressibility.
- Operating power required by the pump is calculated by the formula: HP = (psi × gal/min) / 1,543, where psi is the actual operating pressure in psi units, and gal/min is the actual pumping capacity.
- API-674 and NACE-compliant designs are available upon request. Contact a Weatherford representative for specific details and exceptions to these standards.
- Standard plunger sizes are shown, however, other sizes are available upon request. Contact a Weatherford representative for performance and pressure ratings.
- Contact a Weatherford representative for assistance with pump selection on applications where actual operating inlet pressures are greater than 10% of the rated discharge pressure of the selected pump model.
- For operation below 200 rpm, an auxiliary power end lubrication system is required.

### *Technical Support*

pumps@weatherford.com  
 weatherford.com/pumps  
 +1-281-252-7867