IntelliFrac

Equipped with Jereh JR7000QPE pump, IntelliFrac provides a great solutions with high power density and low emission to help our customers to overcome the challenges of increasing virgorous emission standards and competition in Frac service market. By using various gas resources to power the gensets, Jereh can provide customers with integrated electric fracturing solutions for improving your operation efficiency and make your onsite job much easier.

- Quick Rig Up: Less power supply cable connections reduce rig up time on site.
- High Integration: Integrated with the high-voltage transformer and VFD.

Technical Parameters

- Main Electric Motor:
  Rated Power: 6,000 hp (4,500 kW)
  Rated Voltage: 3,300 V
- VFD: Input Voltage: 13.8 kV±10%@60 Hz
- Quintuplex Plunger Pump: JR7000QPE

JR7000QPE Quintuplex Plunger Pump

Plunger Size	Disp.	Displacement at Pump Strokes per Minute												
		60		80		100		120		140		150		170	
in (mm)	gal/rev (L/rev)	BPM (L/min)	psi (MPa)	BPM (L/min)	psi (MPa)	BPM (L/min)	psi (MPa)	BPM (L/min)	psi (MPa)	BPM (L/min)	psi (MPa)	BPM (L/min)	psi (MPa)	BPM (L/min)	psi (MPa)
4.5	3.79	5.41	20,000	7.21	20,000	9.02	20,000	10.82	20,000	12.62	20,000	13.52	19,010	15.33	16,774
114.3	14.33	860.1	137.9	1,146.8	137.9	1,433.4	137.9	1,720.1	137.9	2,006.8	137.9	2,150.2	131.1	2,436.8	115.7
5	4.68	6.68	16,200	8.90	16,200	11.13	16,200	13.36	16,200	15.58	16,200	16.70	15,399	18.92	13,587
127	17.70	1,061.8	111.7	1,415.7	111.7	1,769.7	111.7	2,123.6	111.7	2,477.6	111.7	2,654.5	106.2	3,008.5	93.7
5.5	5.66	8.08	13,388	10.77	13,388	13.47	13,388	16.16	13,388	18.86	13,388	20.20	12,726	22.90	11,229
139.7	21.41	1,284.8	92.3	1,713.1	92.3	2,141.3	92.3	2,569.6	92.3	2,997.8	92.3	3,212.0	87.8	3,640.2	77.4

Note: Above data is based on 90% ME & 100% VE, it may vary depends on operation condition.

JEREH
PRODUCT PROFILE
Index-**2022.12-V1/EN**

USA Office: 7501 Miller Road 2, Houston, TX 77049
Tel: + 1 281-860-0488
Canada Office: Suite 400, 900 6 Ave SW Calgary AB T2P 3K2
Tel: +1 403-474-1899
E-mail: customerservice@jereh.com   www.jereh-eet.com