



Apollo - Direct Drive Turbine Frac Platform

Jereh is committed to assisting customers in addressing the challenges related to costs and environmental, social, and governance (ESG) issues in fracturing activities. We have developed the Apollo Direct Drive Turbine Frac Platform, which not only improves well economics but also reduces environmental impact, enhances mobility, and increases reliability. It is ideal for use in remote or off-road locations where space is limited. It is quieter, highly reliable, and substantially reduces operational costs.

Features

- Utilizes natural gas for fuel such as CNG, LNG, pipeline gas, and field gas
- High horsepower density - one unit equals 2-3 conventional frac units
- Gas turbines are the prime power source - 30,000 hrs. for overhaul of hot section
- Noise level is below 70 dba@325ft
- Multiple active and passive safety protections, including over-pressure, over-torque, temperature, and firefighting equipment.
- Power system and pump are continuous duty
- Technology is proven in the U.S.

Benefits

- 100% natural gas powered, saving fuel costs by as much as 20-90% depending on fuel type, and is also much cleaner than diesel
- Noise control design improves worker comfort and work experience, and enhances the quality of communication between workers.
- Higher Horsepower density reduces onsite equipment thereby reducing frac fleet footprint
 - Labor costs, transportation, well pad construction, and maintenance costs will be reduced
- Turbine engine has longer maintenance cycles which reduces the maintenance work and decreases stop time for the unit



Technical Specifications

KB7 - Turbine Direct Drive Frac Unit (6000HP Class)

Dimension	62.33 x 9.17 x 13.67 ft.
Weight	138,991 lbs
Prime mover	Gas Turbine, rated at 8000SHP @ ISO condition
Power End	Jereh 7000T Casted Frame Power End, rated at 7000BHP, capable of cotinuous operation at 6,000 HP input power.
Max. Pump Rate	18 bpm @ 12,200 psi - 5" Fluid end 21.8 bpm @ 10,100 psi - 5.5" Fluid End



TF50F - Turbine Direct Drive Frac Unit (5300HP class)

Dimension	60.00 x 9.17 x 13.67 ft.
Weight	105,995
Prime mover	Gas Turbine, rated at 5,336 SHP @ ISO condition
Power End	Jereh 7000T Casted Frame Power End, rated at 7000 BHP; capable of continuous operation at 6,000 HP input power
Max. Pump Rate	17 bpm @ 9,100 psi - 5" Fluid End



Canadian - Turbine Direct Drive Frac Unit (4500HP Class)

Dimension	50.2 x 8.4 x 13.1 ft.
Weight	89,287 lbs; CDOT Legal Compliant
Prime mover	Gas Turbine, rated at 4500SHP @ ISO condition
Power End	Jereh 5000T Casted Frame Power End, rated at 5000BHP; capable of cotinuous operation at 5,000 HP input power.
Max. Pump Rate	16.3 bpm @ 9,000 psi - 5" Fluid End

