

## Jereh YLQ 70-600B HIGH PRESSURE UNIT

1. Element	1. 4.5" pump	1. 3.5" pump
Maximum Working Pressure	6,288 psi	10, 394 psi
Maximum Displacement	13 bbl/min	8 bbl/min
Race Displacement	4.69 L/rev	3.65 L/rev
Model	Jereh 600s	
Type	Positive displacement reciprocating horizontal.	
Power	600HP	
Maximum applied force	2100 rpm	
Maximum piston stroke	6"	
Maximum entry power	447 KW	
Hydraulic system	Closed	
Transmission	Allison 4700 OFS	
Displacement tank	2 x 10 BBLS. Stainless steel	
Volume counter	Digital and analog	



### MEASURES

Large	8.4 mts.
Width	2.5 mts.
Height	3.2 mts.
Drain weight	20.3 Tons
Weight with fluids	22.0 Tons

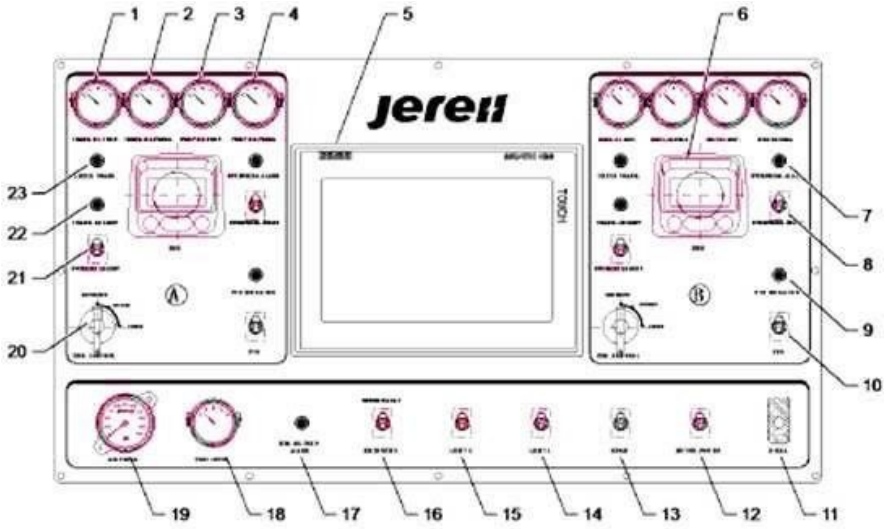


This mounted pump unit on a skid is composed by two Detroit series 60 engine, two Allison 4700 transmissions, two Jereh triplex pumps, automated system, centrifugal pumps, Displacement tank, lubrication system and low-pressure collector. This unit is applicable for a wide range of Applications, like the pumping operations, pressure test, well stimulations and acidizing, etc. The air compressors and hydraulic system are powered by engines. One booster pump and one recirculation pump are designed in this unit for meet the operation requirements.

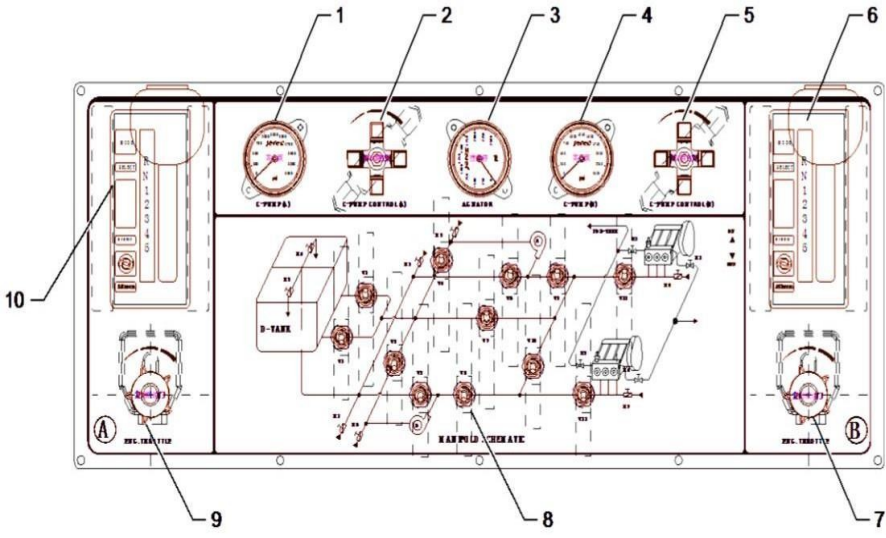
PUMPING CERTIFICATE (NO PRESSURE)					
3.5" PUMP			4.5" PUMP		
	600 RPM	1800 RPM		600 RPM	1800 RPM
1a	0.3 BPM	0.9 BPM	1a	0.4 BPM	1.5 BPM
2a	0.6 BPM	2.0 BPM	2a	1.0 BPM	3.3 BPM
3a	1.1 BPM	3.7 BPM	3a	1.8 BPM	6.2 BPM
4a	1.4 BPM	4.8 BPM	4a	2.2 BPM	8.2 BPM
5a	1.8 BPM	7.0 BPM	5a	2.4 BPM	11 BPM

The design of the unit guarantees that the operators can monitor all the switches, instruments and the work conditions of all the systems in a conveniently and clearly way. There are Lights designed near of the instrument box and the displacement tank for night operations. The unit is equipped with 2 protection systems for guarantee the security of the equipment and the personal. One of them is the alvio safety valve and the over pressure.





No.	Description
1	Oil transmission temperature
2	Oil transmission pressure
3	Pump oil temperature
4	Pump oil pressure
5	Display
6	Monitor
7	Overpressure alarm
8	Overpressure reset
9	PTO Illuminator
10	PTO
11	Emergency stop
12	Power
13	Horn
14	Light 1
15	Light 2
16	Thermostat
17	Thermostat alarm-illuminator
18	Fuel level
19	Air pressure
20	Start control
21	Lockup activator
22	Lockup transmission
23	Transmission Illuminator



No.	Description
1	Centrifugal pressure gauge A
2	Centrifuge control A
3	Agitator
4	Centrifugal pressure gauge A
5	Centrifuge control A
6	Gear selector B
7	Throttle engine B
8	Butterfly valve control
9	Throttle engine A
10	Gear selector A







## Air compressor

An air compressor with its own reservoir and a 24-volt battery helps its continuous operation, therefore, it only requires air for starting, since after switching on the equipment is self-sufficient to feed on air and current to continue working during the required time for operations.



## Toolbox

Currently we have the necessary and sufficient refurbishment for the maintenance of our equipment for a year and a half, or what is equal to 4 complete services due to wear and tear. As well as we have the special tools necessary for the maintenance and repair of the bombs.



## Diesel tanks

Two diesel reservoir tanks each one with a 500L capacity, help us maintain the equipment working, for 12 continuous hours, therefore, diesel refueling should be considered prior to prolonged operations on structures without drilling equipment.



## Parameter logger

For constant monitoring, our team, it has a data recording and acquisition unit (Pressure, flow rate and accumulated during operation). Which has the peculiarity of being remotely monitored within the location (up to 40 meters). Recording everything in graphs of each job done, which can be printed.