



DRAGON

Make it happen.

38,000,000 MBTU Frac Water Heater Unit



PERFORMANCE

WATER FLOW: -850 GPM @ 50 PSI INLET PRESSURE (NOM)
-550 GPM @ 30 PSI INLET PRESSURE (NOM)
-400 GPM @ 20 PSI INLET PRESSURE (NOM)

TEMPERATURE RISE:

70 DEG F @ 850 GPM (NOM)
100 DEG @ 500 GPM (NOM)

FUEL RATE: 4.3 GPM, 258 GPH @ FULL FIRE (NOM)

DIMENSIONS: 45' LONG, 8'-6" WIDE, 13' HIGH,
66,000 LBS (NOM, DRY HEAT EXCHANGER)

Type: 38 MBTU FRAC WATER HEATER

SPECIFICATIONS

- TYPE:** DIESEL FIRED, DUAL BURNER, TRAILER MOUNTED SELF CONTAINED SYSTEM
- BURNER:**
- DUAL BURNER PACKAGE, NFPA COMBUSTION SYSTEM,
 - 19 MILLION BTU PER HOUR PER BURNER
 - PRESSURIZED FUEL AND PRESSURIZED AIR SYSTEMS FOR FUEL ATOMIZATION
 - BLOWER SYSTEM FOR POSITIVE COMBUSTION AIR
 - LP FIRED PILOT WITH SPARK IGNITION
 - DIGITAL BURNER CONTROLS WITH PROGRAMMABLE WATER TEMPERATURE AND BURNER FIRE RATES
 - SAFETY SHUTDOWNS
- HEAT EXCHANGER:**
- 2"– SA106 GR B, SCH 40 PIPE
 - MULTI CORE, MULTI PASS, LOW PRESSURE DESIGN
 - INLET AND OUTLET MANIFOLDS WITHIN BURNER CHAMBER
 - 6X5 HYDRAULIC DRIVE CENTRIFUGAL WATER CHARGE PUMP
 - MULTIPLE 4" SUCTION AND DISCHARGE CONNECTIONS AT REAR OF TRAILER
- BURNER CHAMBER:**
- 1/4" STEEL PLATE CONSTRUCTION
 - REMOVABLE TOP WITH AIR OPERATED HINGED COVERS
 - 3" CERAMIC FIBER INSULATION RATED AT 2300 DEG ON ALL SURFACES INCLUDING TOP
- FUEL TANK:**
- 2700 GAL ALUMINUM FUEL TANK
 - TOP FILL AND LOWER PRESSURE FILL CONNECTIONS
 - TOP MANWAY, PRESSURE RELIEF VALVE, LEVEL GAUGE
 - AIR OPERATED VENT VALVE,
 - AIR OPERATED FUEL SUPPLY VALVE TO BURNER
 - MANUAL FUEL SUPPLY VALVE TO DECK ENGINE
 - HEATED AND INSULATED TANK BOTTOM SHELL
- ENGINE:**
- JOHN DEER ENGINE WITH JACKET WATER HEATER AND ALUMINUM ENCLOSURE
- HYDRAULIC SYSTEM:**
- 300 GAL HYDRAULIC TANK
 - 4 PUMP SYSTEM WITH 2 OIL COOLERS, VALVES AND CONTROLS
 - SYSTEM OPERATES, WATER CHARGE PUMP, COMBUSTION BLOWER, FUEL PUMP, AIR COMPRESSOR
- AIR COMPRESSOR:**
- ROTARY SCREW AIR COMPRESSOR SYSTEM WITH RESERVOIR TANKS, MOISTURE SEPARATOR, AND ALUMINUM ENCLOSURE
- TRAILER:**
- HIGH STRENGTH DROP DECK FRAME
 - 3 AXLE WITH AIR RIDE SUSPENSION, LIFT ON REAR AXLE
 - ABS BRAKE SYSTEM, LED LIGHTS

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