

4" Jet Pump  
Model J4-4H50TIC

Holland Pump Company  
Corporate Office: 7312 Westport Place  
West Palm Beach, FL 33413  
USA  
1-800-451-0769  
www.hollandpump.com

### **PUMP SPECIFICATIONS**

**Type/Model:** Clear Liquids® High-Pressure Cornell 3RB-EM16

**Volute:** Cast iron ASTM A48, Class 30 Grey Iron

**Flanges:** 4" Suction , 2" Discharge

**Impeller:** Enclosed 6 Vane, 12.88" Bronze for Clear Liquid

**Solids:** .50" diameter solids

**Shaft Sleeve:** Heat Treated 416 Stainless Steel

**Wear Rings:** Replaceable Bronze SAE 660 (Double Wear Rings available)

**Sealing Arrangement:** Packing

**Bearings:** Heavy duty, grease lubricated, deep groove ball bearings, with a minimum of 50,000 hours bearing life

**Priming:** Manual Protec Hand Primer #9

**Optional Seals:** Mechanical seal - Carbon ceramic or Tungsten Carbide, also available is Cycloseal run-dry seal arrangement

**Optional Features:** 50 CFM Maximum **PRIME<sup>3</sup>** automatic priming system, discharge valve Val-matic or equal

J4-4H50TIC				Shutoff Head: 300 feet		
Flow (GPM)	Speed (RPM)	TDH (ft)	PSI	Pump Efficiency (%)	Power (hp)	Max Suction Head (ft)*
730**	2250	253	110	79	58.9	14.3
584	2250	278	120	77	52.9	16
438	2250	292	126	71	45.4	16
292	2250	299	129	60	36.9	16
*Max Suction Head is suction lift plus friction losses without risk of suction cavitation						
**Best Efficiency Point						

### **ENGINE SPECIFICATIONS**

**Model:** Hatz 4H50TIC, Tier 4 Final

**Type:** 4 Cylinder, 4 Stroke, Liquid Cooled Diesel Engine Displacement: 2.0 L (119 cu.in.)

**Governor:** Electronic

**Lubrication:** Forced Circulation

**Air Cleaner:** Dry Type with Replaceable Element

**Lube Oil Capacity:** 1.85 U.S. gal (7L)

**Coolant Capacity:** 3.3 U.S. gal (12.5L)

**Fuel Tank:** Integral 114 U.S. Gallon Capacity (#2 Diesel Fuel) Full Load Operating Time: 60 Hours Minimum

**Starter:** 12 Volt

**Standard Features:** Skid, Standard Instrument Panel: Controls Inc. - CE83504AS - Auto Start or Equal

**Optional Features:** Site or DOT Highway Trailer

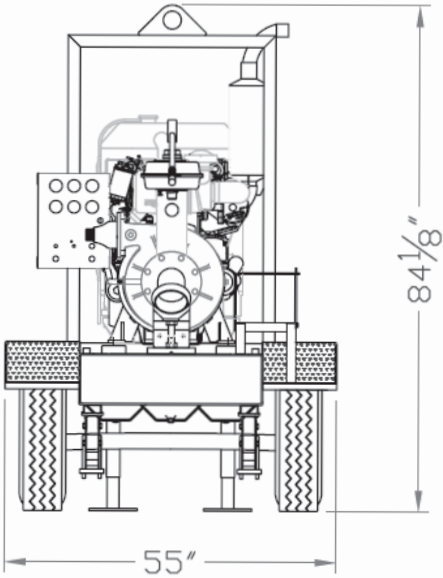
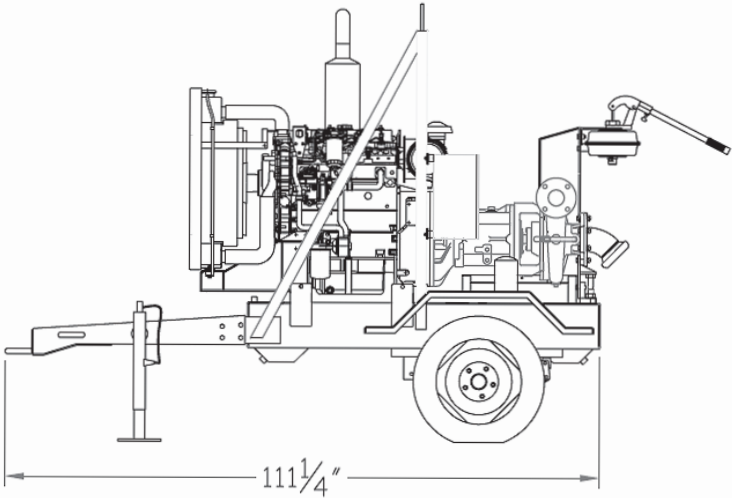
**Hatz Published Performance:** Power: 67 BHP (50kW) Continuous @ 1800 RPM

**Deutz Published Performance:** Maximum Continuous Power: 67 BHP (50kW) @ 1800 RPM

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Approximate Dimensions  
Powered by Hatz 4H50TIC, Tier 4 Final Diesel Engine  
Optional trailer shown  
Skid Weight: 3,200 lbs.



Performance Curve Model J4-4H50TIC  
Size: 4" Jet Pump

