

JET PUMP JP004

4" HIGH PRESSURE JET PUMP



The Power to Move Water®

High Pressure Jet Pumps make short work of gravel washing, drilling, pipeline testing, equipment cleaning, piling and wellpoint jetting, as well as any other high pressure applications. The High Pressure Jet Pump is a heavy-duty water pump that can handle the toughest jetting job with flows to 680 GPM and Total Dynamic Head (TDH) up to 500'. These complete units are available skid-mounted or via a portable configuration. Each jet pump comes with an open industrial power unit, integral 78 gal fuel tank, lifting bail, control panel and hand or compressor-driven priming system.

FEATURES

- Make short work of drilling, gravel washing, pipeline testing, and any other high pressure application
- Install wellpoints and run sprinkler systems at golf courses for temporary solutions
- Jet in sheet piling and sea walls
- Test building fire suppressant systems
- Integral 78 gallon fuel tank with gauge
- Flows to 680 GPM
- Total Dynamic Head (TDH) up to 500'
- Operate in skid or portable configurations
- Open industrial power unit
- Hand or compressor-driven priming system
- Integrated fuel tank with larger tanks available if requested
- Longevity – All fuel tanks are sized to operate continuously for 24 hours without refueling
- Manufactured in the USA

APPLICATIONS

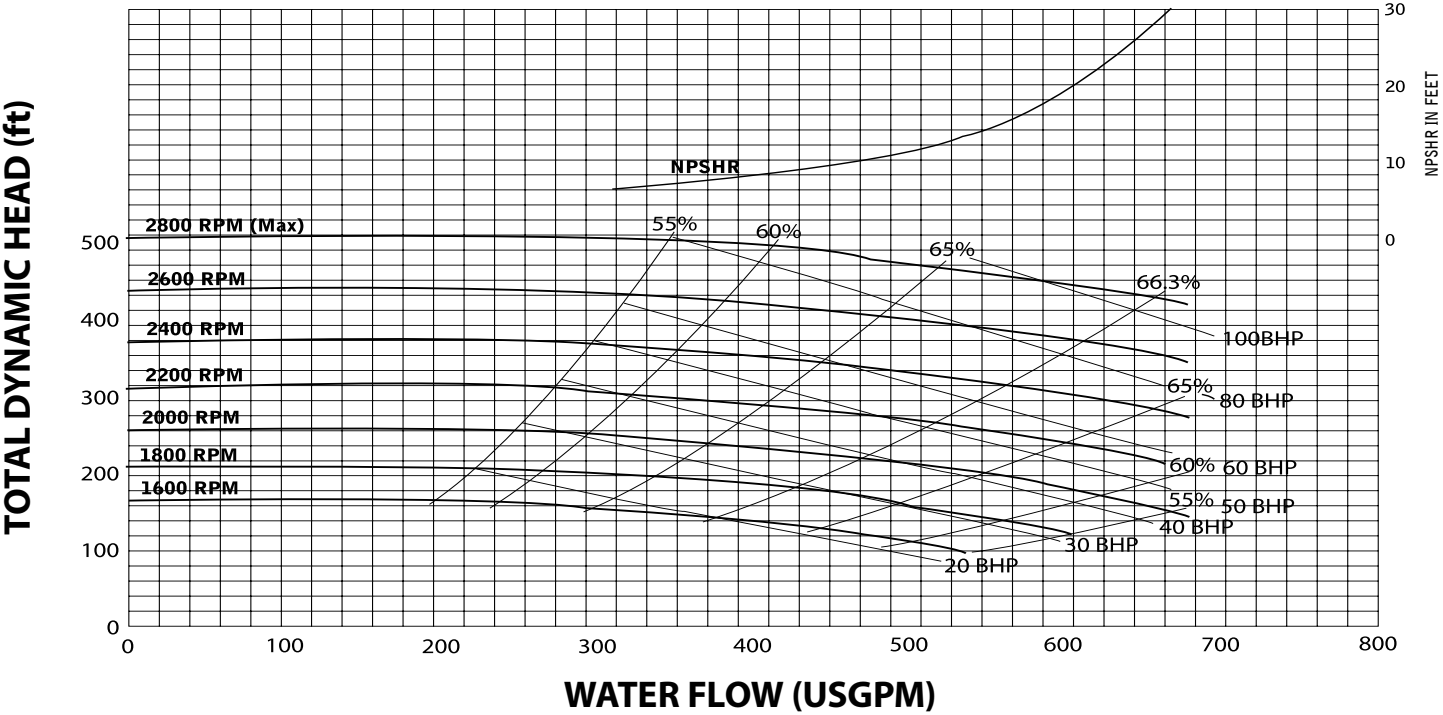
- Wellpoint Installation
- High Pressure Jet Pumping
- Remediation
- Recharge
- Fluid Transfer
- Pigging
- Construction
- Mine or Quarry
- Industrial
- Municipal
- Sock Dewatering

QUICK SPECIFICATIONS

Suction connection	4" 150# ANSI B16.5
Delivery connection	2" FNPT
Max capacity	680 GPM
Max solids handling	0.375"
Max impeller diameter	13.5"
Max head (TDH)	500'
Max operating speed	2800 RPM
Max suction lift	24'
Dimensions	94 x 37 x 78"
Sound levels w/ enclosure	67 dBA at 7M / 23'
Max fuel consumption	Up to 24 hrs, load dependent



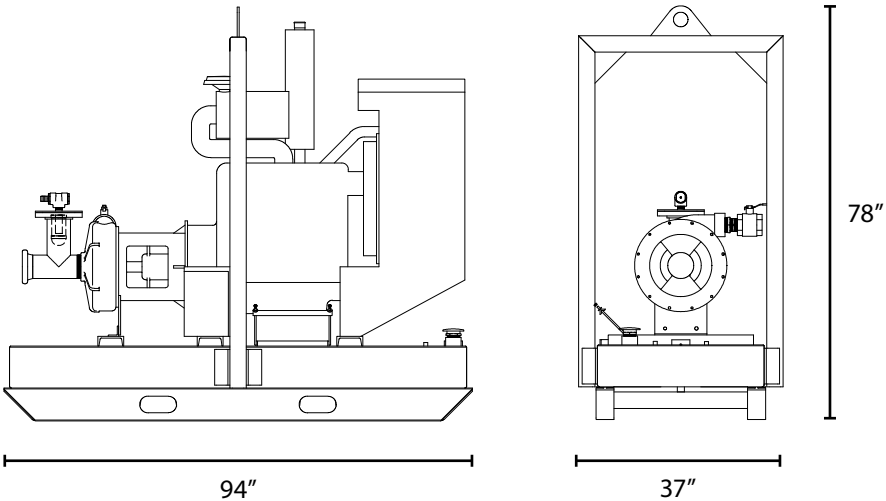
PERFORMANCE CURVE



MATERIALS & SPECIFICATIONS

Standard engine	Deutz TD2.9	Volute	Cast iron, ASTM A48 Class 30	Control panel	Tach and hour meter, including shutdowns for low oil pressure, high coolant temperature, Plug-N-Play and float-ready
Max HP	74 HP	Pump shaft	Carbon steel, AISI 1045		
Fuel capacity	78 Gal	Compressor	Engine driven, oil lubricated		
Drive type	Flywheel direct drive, isolator disc design	Mechanical seal	Stainless steel w/ silicon carbide faces; Buna elastomers		
Impeller	ASTM A48 Class 30	Weight of trailer mounted unit	3600 lbs (dry)	Discharge non-return valve	600 PSI manual ball valve
Priming assembly	304 Stainless steel venturi				

DIMENSIONS



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