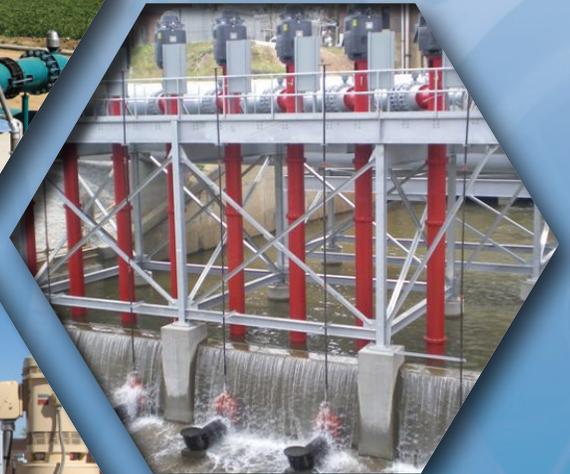


The Pump People.

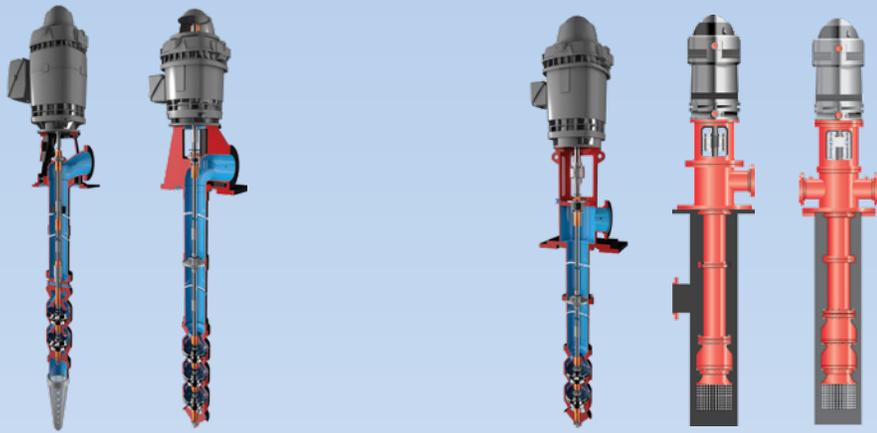
- ▶ API/Oil & Gas
- ▶ Commercial
- ▶ Industrial
- ▶ Irrigation
- ▶ Mining
- ▶ Municipal



GLENDALE, AZ



Certified to
NSF/ANSI/CAN 61
& NSF/ANSI 372



PRODUCT SERIES	VERTICAL TURBINE PUMPS		
PUMP TYPE	DEEP WELL VTP	CLOSE COUPLED VTP	API - CLOSE COUPLED
ISO 9001	✓	✓	✓
CERTIFICATIONS & STANDARDS	NSF 61 & 372 complete pump		API 610 Standard
BOWL SIZES	6" - 30"		
FLOW	50 - 20,000 USGPM		
HEAD	To 2,000 Ft. (865 PSI)	To 2,000 Ft. (865 PSI)	To 3,000 Ft. (1,300 PSI)
DRIVERS	VSS & VHS Electric Motors - up to 1500 HP Right angle gear drives		VSS Electric Motors To 2,500 HP
DESCRIPTION	Oil lubricated or water injection lineshaft Threaded or flanged column pipe	Product lubricated or enclosed lineshaft Mechanical seal or Packed stuffing box	VS-1 vertically suspended single casing VS-6 vertically suspended double casing
MATERIALS	Bowls: Cast iron enameled, ductile iron, steel, stainless steels, duplex Impellers (collected or keyed): Bronze, Ductile Iron, Steel, 316 SS, duplex Bearings: Bronze, marine rubber, carbon graphite, engineered composites Column Pipe: threaded or flanged Discharge Heads: Fabricated LDF, NF, NTF, NUF; Cast Iron 150# & 300#		
FEATURES & OPTIONS	Extra lateral when required Chrome plated shafts LH or RH oil tube Special coatings (NSF61, etc.)	Single or dual wear rings Dynamic balanced impellers Torsional & Lateral Vibration Analysis Low NPSH Hydraulics	API -610 Materials Classes: I-1, I-2, S-1 thru S-9 C-6, A-7, A-8, D-1 150# - 1500# ANSI Ratings
APPLICATIONS	Agricultural Irrigation Municipal Water Supply Industrial Process Water Golf Course & Turf Irrigation Dewatering	Municipal Potable Water Supply Cooling Tower Service Mine Dewatering Desalinization Marine	Pipeline Booster, Condensate Return, Light Hydrocarbon Transfer, Crude Oil Booster, Flare Knockout, Secondary Recovery injection, Offshore Fire Water & Process Water, Aircraft Hydrant Fueling, Slop Oil, Cooling Tower Water/brine injection



SUBMERSIBLES

CAST SERIES



NSF 61 & 372 complete pump

To 2,000 Ft. (865 PSI)

Submersible electric
to 1,500 HP

Vertical deep well, vertical inline or
horizontal booster

Single or dual wear rings
Dynamic balanced impellers
Chrome plated shafts
Special coatings (NSF 61, etc.)

Agricultural Irrigation
Municipal Water Supply
Industrial Process Water
Dewatering
Offshore Platforms

TEST CAPABILITIES

National Pump maintains two (2) test facilities in Glendale, Arizona and Lubbock, Texas. Test capabilities include:

PERFORMANCE

Flows to: 20,000 USGPM
Heads to: 1,730 feet (750 psi)
Horsepower: 5 - 1,000 HP @ 3,600 rpm
1,800 rpm, 900 rpm
Voltage: 460V & 4160V

TEST TYPES

Bowl Assembly performance
String test (job pump & motor)
Mechanical Run
NPSH
Hydrostatic
Vibration
Witnessed & non-witnessed

National Keeps You Pumping Around The World

From gold mines to golf courses to grain fields, our pumps are hard at work around the world. Serving commercial, industrial, municipal, power, residential, mining, oil and gas, and agricultural irrigation needs, each National Pump produced is an individual pumping system designed to do a specific pumping job. Precisely matched drivers, discharge heads, impellers, bowls and column /shaft assemblies deliver consistent pumping capacity.

We offer a full range of vertical turbine and submersible pumps, water or oil lubricated, of threaded or flanged construction, with capacities to 20,000 GPM and pressures up to 1,500 PSI. All pump models are in stock as standard materials, and they can be customized at the service center level. We also manufacture custom pumps, using special alloys and coatings to suit your specific needs. We have multiple patterns in order to meet special alloy requirements in a timely manner.

Proud member of American Petroleum Institute and these organizations:



Creating Quality Pump Systems and Satisfied Customers



Delivering Vertical Turbine Pump
Reliability, Quality and Service
Since 1969



Certified to
NSF/ANSI CAN 61
& NSF/ANSI 372

Creating Quality Pump Systems and Satisfied Customers

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