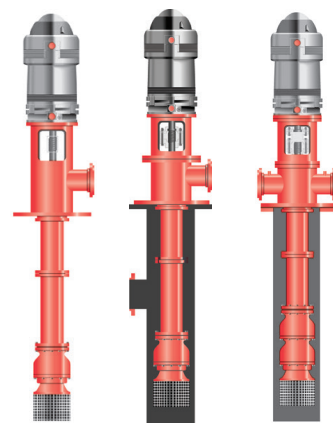
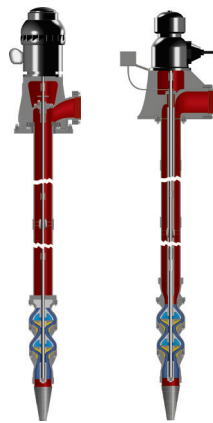


The Pump People®

FULL PRODUCT GUIDE

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





PRODUCT SERIES	VERTICAL TURBINE PUMPS		
PUMP TYPE	DEEP WELL VTP	CLOSE COUPLED VTP	API - CLOSE COUPLED
ISO 9001	✓	✓	✓
CERTIFICATIONS & STANDARDS	NSF 61 & 372		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

JETS & CENTRIFUGALS

CAST SERIES

COMMERCIAL - RESIDENTIAL SERIES



NSF 61 & 372

4" PRO Series
4" Max Purity
6" - 10" NS Series

Shallow Well: SW, Deep Well: SF
Convertible: SFH, MSH, MSV
Centrifugal: MSC, SFLP, BMLS, EC

To 600 GPM

To 220 GPM

To 2,000 Ft. (865 PSI)

To 1,450 Ft.

To 390 Ft.

Submersible electric
to 1,500 HP

Submersible electric
to 200 HP

Up to 5 HP
ODP or TEFC motors
Highly Efficient
Back pullout designs
Single and Multi-stage designs

Vertical deep well, vertical inline or
horizontal booster

Pro Series: Stainless Steel with Noryl
impellers & diffusers
Max Purity: All Stainless Steel
NS Series: All Stainless Steel

Cast Iron body with Noryl Impellers

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

2 & 3 wire design
1 & 3 phase
Oil filled & rewindable motors available

Self Priming Designs: SFLP, BMLS
NPT Threaded connections
Mechanical seals

Agricultural Irrigation
Municipal Water Supply
Industrial Process Water
Dewatering
Offshore Platforms

General water well supply
Irrigation
Booster pump
Dewatering

Residential Potable Water
Booster Applications
Light irrigation



TEST CAPABILITIES

National Pump maintains three (3) test facilities in Glendale, Arizona; Lubbock, Texas; and Olive Branch, Mississippi. 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.



Delivering Pump and Pump Systems
 Reliability, Quality
 and Service Since 1969

Proud member of American Petroleum Institute and these organizations:



Creating Quality Pump Systems and Satisfied Customers

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