

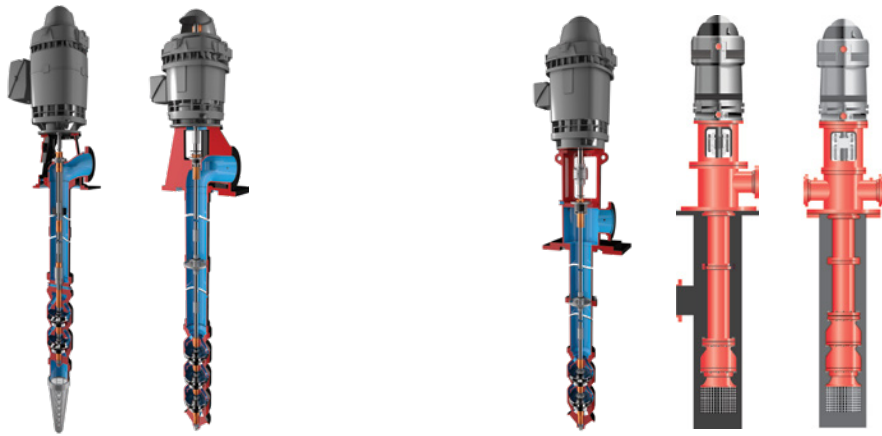
*The Pump People®*

## MINING: VERTICAL & SUBMERSIBLE TURBINE PUMP GUIDE

- ▶ Dewatering
- ▶ Barge and Pond Pumps
- ▶ River Water Supply
- ▶ Industrial Process Water

**Serving  
the Mining  
Industry**





PRODUCT SERIES	VERTICAL TURBINE PUMPS		
PUMP TYPE	DEEP WELL VTP	CLOSE COUPLED VTP	HIGHLY ENGINEERED VTP
ISO 9001	✓	✓	✓
CERTIFICATIONS & STANDARDS	NSF 61 & 372 complete pump		API 610 or High Specifications
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	Water Supply Industrial Process Water River or Seawater Intake Dewatering Groundwater Control Reclaim Water Fire Water Systems Barge Pumps	Potable Water Supply Cooling Tower Service Mine Dewatering Desalinization Marine Fire Systems Barge & Pond Pumps	Pipeline Booster Condensate Return Barge & Pond Pumps Fire Water & Process Water 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  
Water Supply  
Industrial Process Water  
Dewatering

## 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

For all heavy duty water applications in the mining industry, where a vertical pump is desired, our pumps are hard at work. National Pump produces each pump as an individual system designed to do a specific job. Our pumps can be built to National Standards or to highly engineered specifications to meet specific requirements. 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*

# OUR HISTORY

## Leadership Timeline

1969 - 1974  
Slim Oliver  
Owner/President

1974 - 1982  
Irvin Spitler  
Owner/President

1982 - 1989  
Dennis Willett  
President

1989 - 1994  
Allen Hobratchsk  
President

1994 - 2013  
Roger Jeschke  
Owner/President

2014 - 2018  
Allen Hobratchsk  
President

2019-2022  
Steve Anglin  
President

2022-2023  
Jody Hastings  
President

2023  
Andrew Dewar  
General Manager &  
Vice President



**1974** National Pump moves to Peoria, AZ. Slim Oliver sells NPC to Irvin Spitler for existing assets and a Red Cadillac. Jerry Bennett becomes Exec. V.P.



**1981** Peoria, AZ plant constructed and operated the first test facility, 4" & 12" test lines and up to 350 HP.

**1989** NPC headquarters relocated to Atlanta, GA to best serve the industrial market. Allen H. becomes president of NPC.



**1998** Roger & Allen purchase remaining shares from Powell Duffryn.



**2002** NPC acquires Golf Course Irrigation Services (GCIS), Olive Branch, MS to enter into the golf course packaged pump station and industrial markets.



**2010** NPC is acquired by The Gorman-Rupp Company to enter the Vertical Turbine Pump market.



**2012** NPC Glendale, AZ doubles facility size to accommodate growth in deep well and engineered markets. MS Branch undergoes plant expansion and improvements to meet growth requirements in agriculture and industrial markets.



**2014** NPC acquires Bayou City Pump, to expand capabilities and services into the Marine Market. NPC & ATP Lubbock, TX & Fresno, CA branches consolidate operations. Lubbock expands tube and shaft operations.



**2019** NSF-61 Certification attained for complete pumps including submersible configurations.

**1969**

Slim Oliver founds National Pump in Lubbock, TX. NPC purchases the original M8, M10, M12 & M14 pump designs.



**1979**

Powell Duffryn acquires NPC. Roger Jeschke joins NPC in Aug 1979. Allen Hobratchsk joins in Jan 1980.



**1982**

NPC & Saudi National Pump (SNP) joint venture created to manufacture column pipe, tube & shaft and assembles vertical turbine pumps to sell to local agricultural markets. Joint venture lasted until 1996. The operation (SMI) still exists and is a major supplier to NPC today.



**1994**

NPC headquarters returns to Peoria, AZ. Roger Jeschke, President, develops limited partnership with Powell Duffryn. New branches open in FL, TX, CA, GA, MS



**2001**

NPC acquires Georgia Pacific pump company, Vienna, GA to provide customers with 4" & jet pump water systems products.

**2008**

NPC moves main office to a larger 35,000 sq.ft. location in Glendale, AZ. A new test facility is built.



**2011**

NPC Glendale, AZ facility becomes ISO 9001 Certified, and adds 4160V test capability. MS Branch undergoes office renovation.



**2013**

NPC's vertical & submersible turbine pump bowl assemblies become certified to NSF/ANSI 61-G & NSF/ANSI 372 standards. NPC acquires American Turbine Pump with locations in Lubbock, TX, Houston, TX and Fresno, CA.



**2015**

Glendale, AZ branch installs a 20-inch test line to allow testing of the H30 pump, delivering flows to 20,000 GPM.



**2020**

Olive Branch Test Stand Upgrade: Upgrades designed for improved testing flexibility and increased accuracy. Additions included: State of the art electromagnetic flowmeters, pressure transducers and bearingless digital torque meters.

SWP/NPC Era

Powell Duffryn Era

NPC LLC Era

Gorman-Rupp Era

## ARIZONA (Main Office)

7706 N. 71st Ave., Glendale, AZ 85303-1703  
(623) 979-3560 • Fax (623) 979-2177  
(800) 966-5240



## CALIFORNIA

2830 San Antonio Dr., Fowler, CA 93625  
(559) 834-5437 • Fax (559) 834-5727  
(800) 868-9755

## FLORIDA

195 E. 3rd Street, Zolfo Springs, FL 33890  
(863) 735-8222 • Fax (863) 735-8202  
(800) 994-3045

## MISSISSIPPI

11176 Green Valley Dr., Olive Branch, MS 38654  
(662) 895-1110 • Fax (662) 895-5083  
(866) 668-4914

## TEXAS

4429 Adrian St., Lubbock, TX 79415  
(806) 745-5396 • Fax (806) 745-6668  
(800) 745-5393

109 Richey Street, Pasadena, TX 77506  
(713) 641-6818 • Fax (713) 641-4569  
(800) 231-0590

[www.nationalpumpcompany.com](http://www.nationalpumpcompany.com)