A GORMAN-RUPP COMPANY

PRODUCT SERIES

VERTICAL TURBINE PUMPS

- DEEP WELL VTP
- CLOSE COUPLED VTP
- API - CLOSE COUPLED

SUBMERSIBLES

- CAST SERIES

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

FLOW

HEAD

- To 2,000 FL (865 PSI)
- To 2,000 FL (865 PSI)
- To 3,000 FL (1,360 PSI)

DRIVERS

- VSS & VHS Electric Motors - up to 1500 HP
- Right angle gear drives

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

- Vertical deep well, vertical inline or horizontal booster

MATERIALS

- Bowls: Cast iron enameled, ductile iron, steel, stainless steel, duplex impellers (collected or keyed): bronze, ductile iron, steel 316L SS, duplex
- Bearings: Bronze, marine rubber, carbon graphite, engineered composites
- Column pipe: threaded or flanged
- Discharge Heads: Fabricated LD, NF, NTF, NFU, 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, 5-1 thru 5-9, C-6, A-7, A-8, D-1
- 150# - 1500# ANSI Ratings
- Single or dual wear rings
- Dynamic balanced impellers
- Chrome plated shafts
- Special coatings (NSF 61, etc.)

APPLICATIONS

- Agricultural Irrigation
- Municipal Water Supply
- Industrial Process Water
- Golf Course & Turf Irrigation
- Dewatering

- Municipal Potable Water Supply Cooling Tower Service
- Mine Dewatering
- Desalination
- Marine

- Fueling, Stop Oil, Cooling Tower Water/brine injection

- Agricultural Irrigation
- Municipal Water Supply
- Industrial Process Water
- Dewatering
- Offshore Platforms

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

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.

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.

National Keeps You Pumping Around The World

We are proud members of the American Petroleum Institute and these organizations:

Creating Quality Pump Systems and Satisfied Customers
### PRODUCT SERIES

<table>
<thead>
<tr>
<th>PUMP TYPE</th>
<th>DEEP WELL VTP</th>
<th>CLOSE COUPLED VTP</th>
<th>API - CLOSE COUPLED</th>
<th>CAST SERIES</th>
</tr>
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<tbody>
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<tr>
<td>ISO 9001</td>
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<td>NSF 61 &amp; 372 complete pump</td>
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<td>CERTIFICATIONS &amp; STANDARDS</td>
<td></td>
<td></td>
<td>API 610 Standard</td>
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<tr>
<td>FLOW</td>
<td></td>
<td></td>
<td>6” - 30”</td>
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### VERTICAL TURBINE PUMPS

<table>
<thead>
<tr>
<th>HEAD</th>
<th>FLOW</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>To 2,000 Ft (865 PSI)</td>
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<td>Oil lubricated or water injection lineshaft</td>
</tr>
<tr>
<td>To 3,000 Ft (1,300 PSI)</td>
<td>To 3,000 Ft (1,300 PSI)</td>
<td>Product lubricated or enclosed lineshaft</td>
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<td>To 2,000 Ft (865 PSI)</td>
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<td>VSS &amp; VHS Electric Motors - up to 1,500 HP</td>
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<tr>
<td>To 2,500 Ft (900 PSI)</td>
<td>To 2,500 Ft (900 PSI)</td>
<td>Right angle gear drives</td>
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<tr>
<td>Submersible electric to 1,500 HP</td>
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<td>Vertical deep well, vertical inline or horizontal booster</td>
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### SUBMERSIBLES

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<tr>
<td>Chrome plated shafts</td>
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<td>LH or RH oil tube</td>
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<td>Special coatings (NSF61, etc.)</td>
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<td>Single or dual wear rings</td>
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<tr>
<td>Dynamic balanced impellers</td>
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<tr>
<td>Torsional &amp; Lateral Vibration Analysis</td>
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<tr>
<td>API-610 Materials Classes: 1-1, 2-1, 5-1 thru 9</td>
</tr>
<tr>
<td>C-6, A-7, A-8, D-1</td>
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### APPLICATIONS

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<td>Industrial Process Water Dewatering</td>
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<td>Industrial Process Water Dewatering</td>
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<td>Offshore Platforms</td>
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</table>

### FEATURES & OPTIONS

- Single or dual wear rings
- Dynamic balanced impellers
- Chrome plated shafts
- Special coatings (NSF61, etc.)
- Applied booster, condensate return, light hydrocarbon transfer, crude oil booster, flare knockout, secondary recovery injection, offshore fire water & process water, aircraft hydrant, fueling, slug oil, cooling tower water/brine injection
- Agricultural irrigation, municipal water supply, industrial process water, dewatering, offshore platforms

### CERTIFICATIONS & STANDARDS

- NSF 61 & 372
- API 610
- ISO 9001

### ISO 9001

- NSF 61 & 372 complete pump
- API 610 Standard
- NSF 61 & 372 complete pump

### TEST TYPES

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

### TEST CAPABILITIES

- **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

- **TEST CAPABILITIES**
  - Witnessed & non-witnessed

### NATIONAL PUMP MAINTAINS THREE (3) TEST FACILITIES IN

- Glendale, Arizona
- Lubbock, Texas
- Olive Branch, Mississippi

**TEST CAPABILITIES**

- Performance
  - Flows to: 20,000 USGPM
  - Heads to: 1,730 feet (750 psi)
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  - Bowl Assembly performance
  - String test (job pump & motor)
  - Mechanical Run
  - NPSH
  - Hydrostatic
  - Vibration

- **TEST TYPES**
  - Witnessed & non-witnessed

### NATIONAL PUMPS MANUFACTURES CUSTOM PUMPS, USING SPECIAL ALLOYS AND COATINGS TO SUIT YOUR SPECIFIC NEEDS.

- 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.

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**Proud member of American Petroleum Institute and these organizations:**

- Creating Quality Pump Systems and Satisfied Customers

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OUR HISTORY

1969
Slim Oliver founds National Pump in Lubbock, TX. NPC purchases the original M8, M10, M12 & M14 pump designs.

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. VP.

1981
NPC plant constructed and operated its first test facility; 4’ & 12’ test lines and up to 350 HP.

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

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.

1998
Roger & Allen purchase remaining shares from Powell Duffryn.

2001
NPC acquires Georgia Pacific pump company, Vienna, GA to provide customers with 4’ jet pump-water systems products.

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

2008
NPC moves main office to a larger 35,000 sq ft location in Glendale, AZ. A new test facility is built.

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

2015
Glendale, AZ branch installs a 20-inch test line to allow testing of the H30 pump, delivering flows to 20,000 GPM.

2019
Steve Anglin joins NPC as President.

Leadership Timeline

Slim Oliver
Owner/President
1969

Irvin Spitler
Owner/President
1979 - 1982

Dennis Willett
President
1982 - 1989

Allen Hobratschk
President
1989 - 1994

Allen Hobratschk
President
2014 - 2018

Roger Jeschke
Owner/President
2014 - 2018

Steve Anglin
President
2019 - Present

API/Oil & Gas
Commercial
Industrial
Irrigation
Mining
Municipal

FLORIDA
195 E 3rd Street, Ziffo Springs, FL 33890
(863) 735-8222 • Fax (863) 735-8202
(908) 994-3045

MISSISSIPPI
11176 Green Valley Dr, Olive Branch, MS 38654
(662) 895-1110 • Fax (662) 895-5083
(866) 668-4814

ARIZONA (Main Office)
77061 N. 71st Ave, Glendale, AZ 85303-1703
(623) 979-3560 • Fax (623) 979-2177
(900) 966-5240

CALIFORNIA
2830 San Antonio Dr., Fowler, CA 93625
(559) 834-5437 • Fax (559) 834-5727
(900) 866-9755

TEXAS
4220 Adrian St., Lubbock, TX 79415
(806) 745-5396 • Fax (806) 745-6668
(908) 746-5393

www.nationalpumpcompany.com