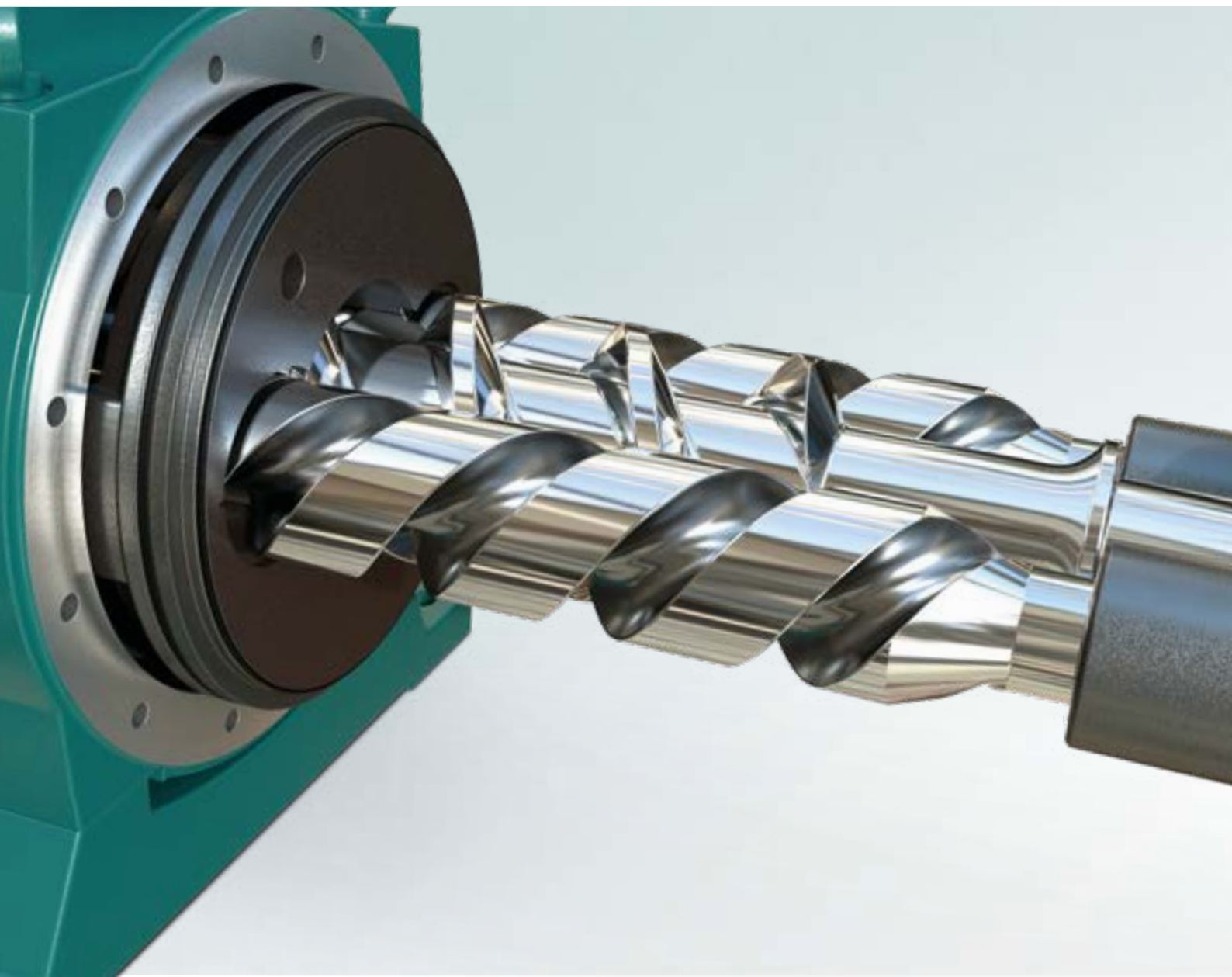




NOTOS Multi Screw Pumps

Reliable and Efficient

The NOTOS multi screw pump family comprises of three series in multiple arrangements which serve a wide range of industries and applications. The superior quality standard meets the highest level of requirements from our customers.



2 NS –
Two Screw Pump



2 NSH –
Hygienic Two Screw Pump



3 NS –
Three Screw Pump



4 NS –
Geared Twin Screw Pump

2NS SERIES

NOTOS two screw pumps have one drive screw, transferring torque through a hydrodynamic film to the rotating intermeshing driven screw.

Accessories

- Internal or external relief valve
- Vibration sensors
- Temperature sensors
- API 682 cartridge seals
- Various API seal plans

Arrangements

- Foot, vertical, semi-submersible, housing with replaceable liner or flange mounted
- Heating jacket optional

1 Screws

Nitrated in alloy steel or in stainless steel. The HEUD (High Efficiency Unique Design) provides excellent performance.

3 Bearing Bushes

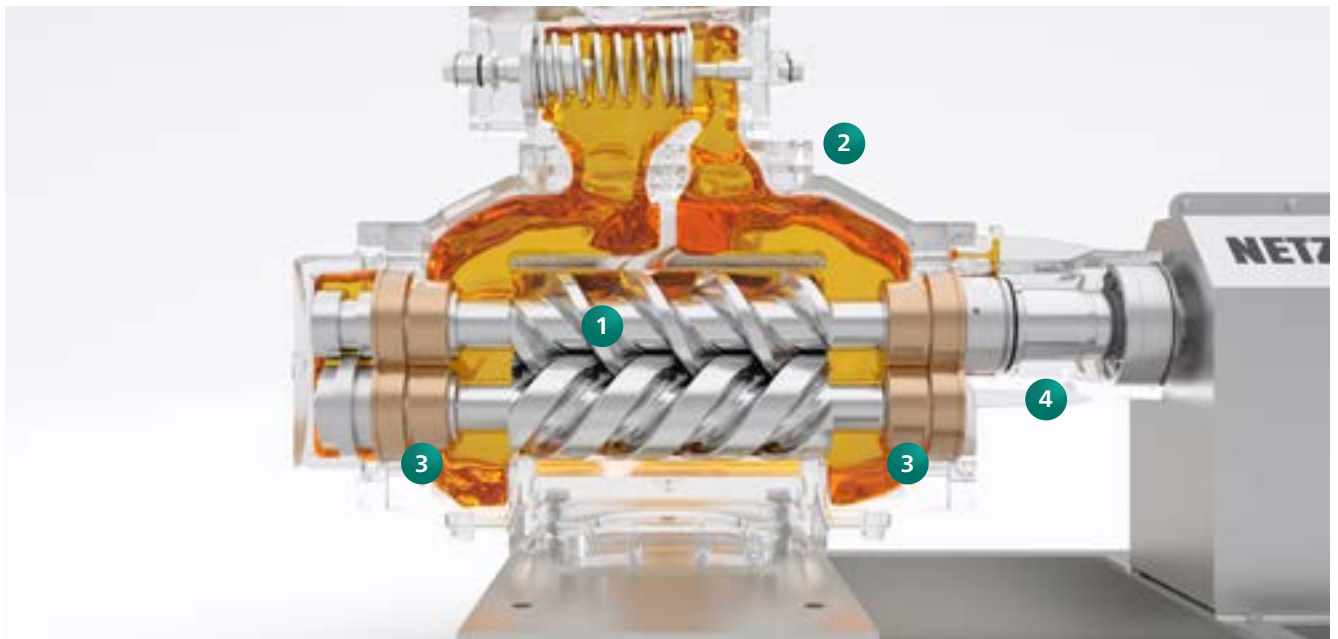
Internal bearing bushes helps to support radial loads.

2 Housing

Various ports configurations such as top top, side top or in line.

4 Mechanical Seal

Under suction pressure just one mechanical seal is required for the 2NS. Magnetic drive optional.



3NS SERIES

Accessories

- Internal or external relief valve
- Vibration sensors
- Temperature sensors
- API 682 cartridge seals
- Various API seal plans

1 Screws

Nitrated in alloy steel or in stainless steel. The HEUD (High Efficiency Unique Design) provides excellent performance.

3 Bearing Bushes

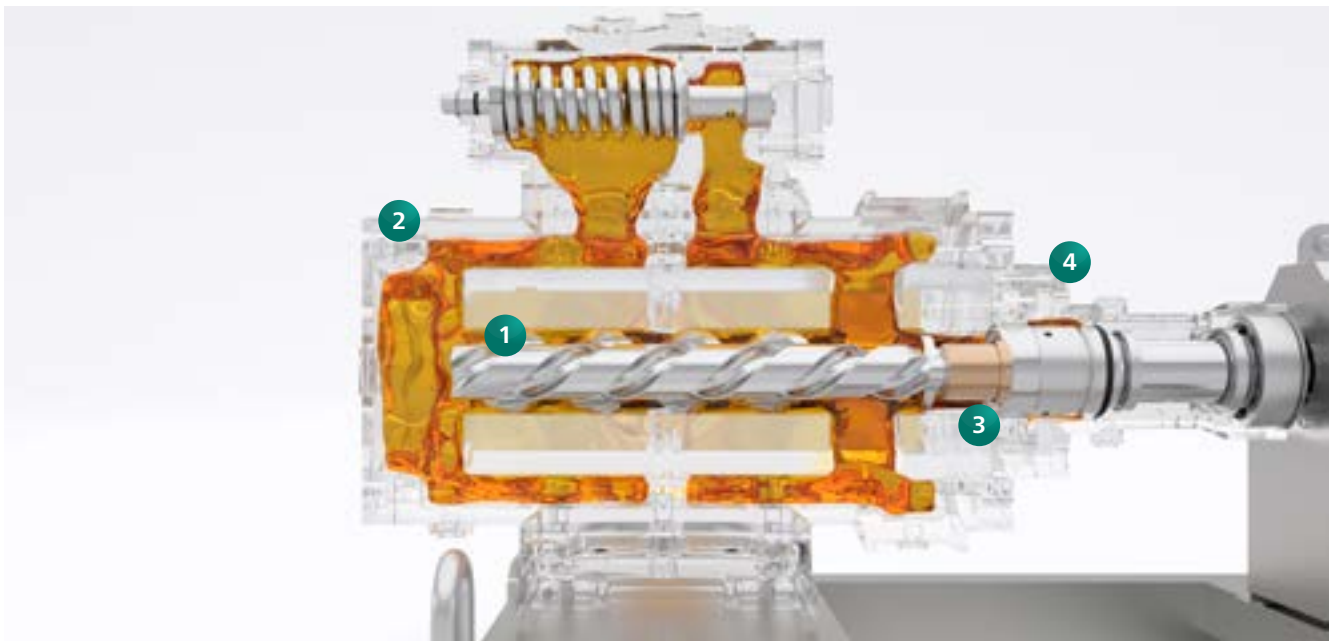
Nitrated bushes help to prevent start up failures and help to support radial loads.

2 Housing

Various ports configurations such as top top, side top, front top or in line.

4 Mechanical Seal

Under suction pressure just one mechanical seal is required for the 3NS. Magnetic drive optional.



4NS SERIES

Accessories

- Internal or external relief valve
- Vibration sensors
- Temperature sensors
- API 682 cartridge seals
- Various API seal plans

Arrangements

- Housing with replaceable liner
- Heating jacket optional

1 Screws

Nitrated in alloy steel or in stainless steel. The HEUD (High Efficiency Unique Design) provides excellent performance.

3 Timing Gear

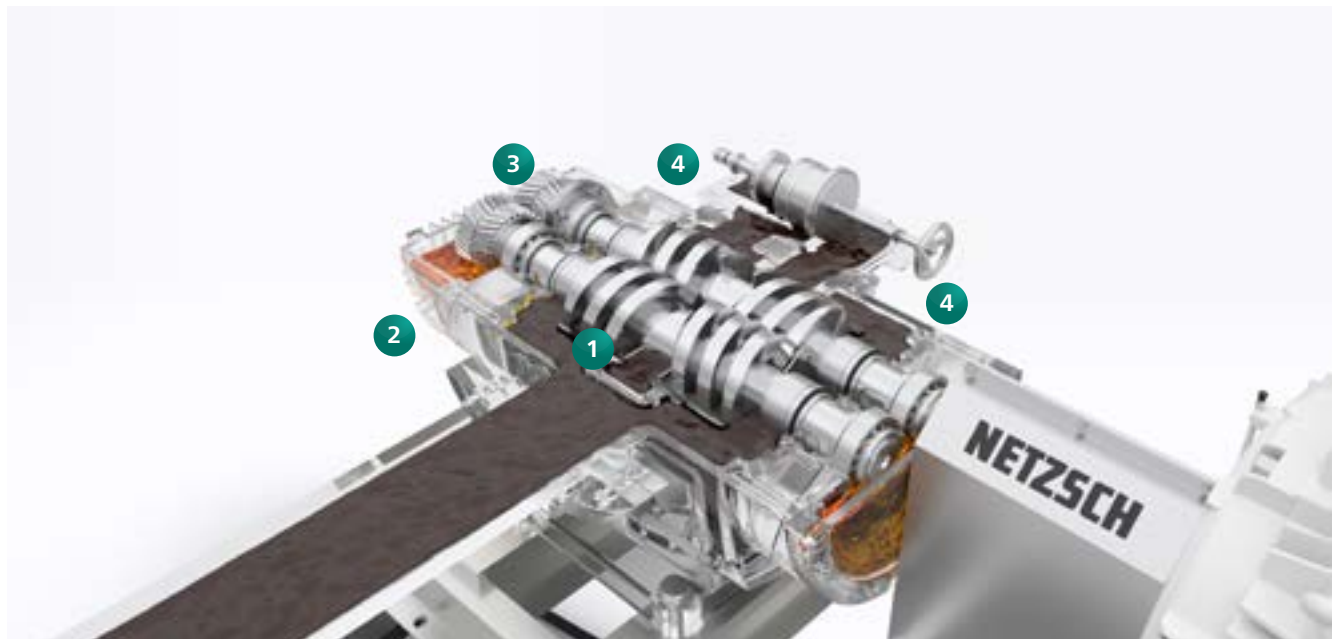
Helical timing gears transfer the torque with reduced vibration and noise.

2 Housing

Various ports configurations such as top top, side top or in line.

4 Mechanical Seal

Four mechanical seals under suction pressure.



2NSH HYGIENIC TWIN SCREW PUMP

Accessories

- Base plates
- Various couplings
- Adjustable machine feet
- Flushing supply units for mechanical seals

1 Screws

Stainless steel screws with high efficiency profile, allowing higher flow rates with low fluid shear. Multiple pitch options available, all balanced and with high suction capability. Easy replacement of the screws without disassembly of the bearings. Screws with the same diameter are changeable just by changing the pitch.

2 Housing

Pump housing with a unique design for FSIP– Full Service in Place, allowing the easy and quick pump disassembly, without having to disconnect it from the piping. Available in foot or self-aligned flange design. FDA-approved sealing, without dead spaces.

3 Synchronization gears

Helical gears provide smooth torque transmission between the screws and ensure the contactless operation of the pumping elements.

4 Shaft sealing

Available with single or double seals, both with modular cartridge design and interchangeable from one to another. Connections for flushing or quench are provided.

