

LobePro vs. Other Rotary Lobe Pumps

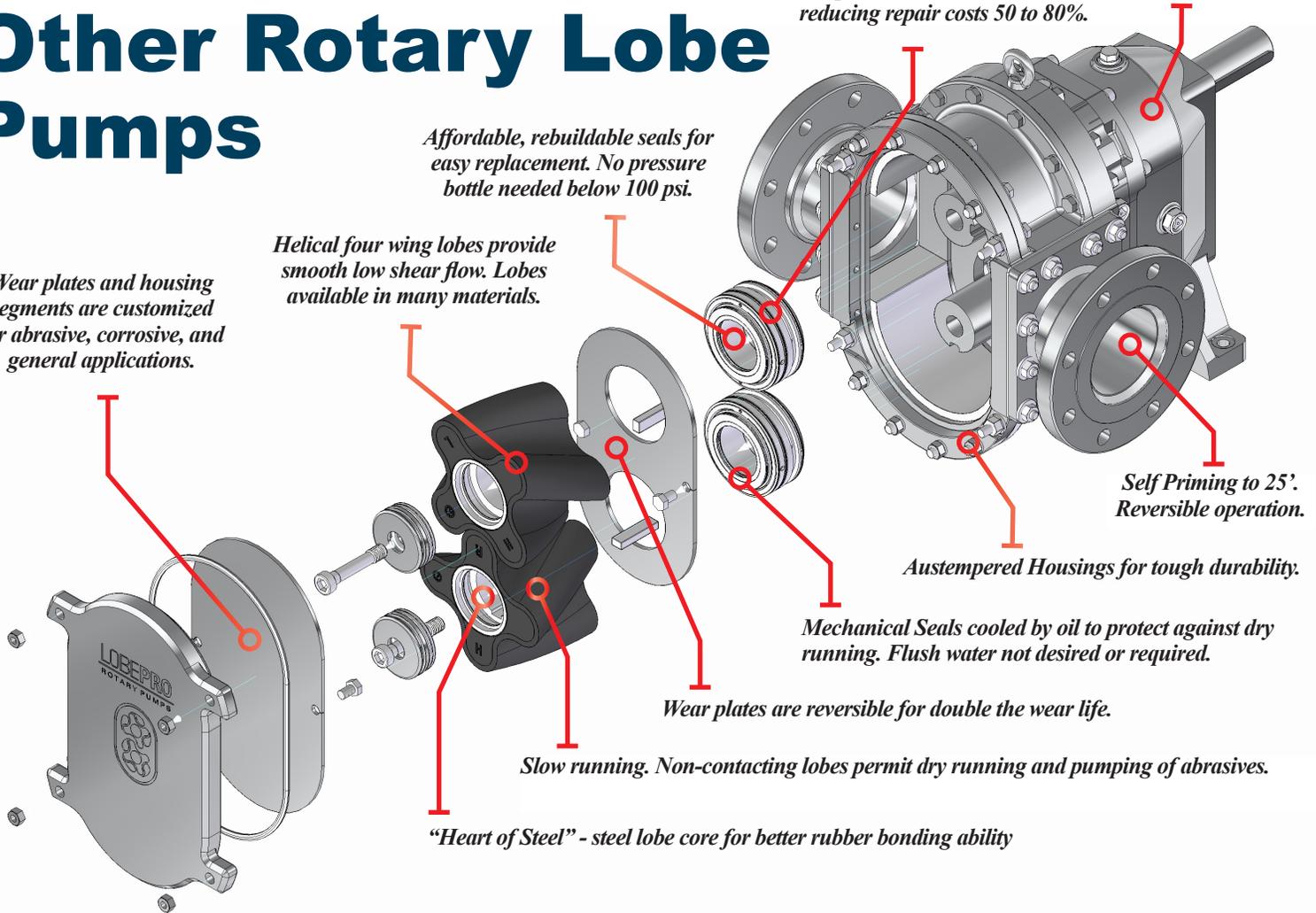
Wear plates and housing segments are customized for abrasive, corrosive, and general applications.

Helical four wing lobes provide smooth low shear flow. Lobes available in many materials.

Affordable, rebuildable seals for easy replacement. No pressure bottle needed below 100 psi.

Rebuildable design offers the best of cartridge seal and a component seal in ONE while reducing repair costs 50 to 80%.

Gear housing is separated from wet end and mechanical seals



Self Priming to 25". Reversible operation.

Austempered Housings for tough durability.

Mechanical Seals cooled by oil to protect against dry running. Flush water not desired or required.

Wear plates are reversible for double the wear life.

Slow running. Non-contacting lobes permit dry running and pumping of abrasives.

"Heart of Steel" - steel lobe core for better rubber bonding ability

1. Rebuildable Cartridge Seal (LARS)

- Our LARS seal (patent pending) can be easily rebuilt in place at just 20-50% of a new seal's cost and quickly installed correctly. In contrast, our competitors either supply cartridge seals that are usually thrown away after failure or component style seals that, with up to 13 parts, are complicated to install correctly- especially if done only occasionally.
- Our seals do not require the dreaded manual compensating pressure bottle below 100 psi.
- We do not use packing which of course, is designed to leak.
- We use mechanical seals faces which are designed for extreme shock and vibration.

2. Helix Lobe Design

Our helix lobe design allows for constant flow even if system pressure varies. 4-wing helical lobe is standard on our M and L frame pumps and 6-wing helical lobe is standard on our S frame pumps.

3. "Heart of Steel" Lobes to Prevent Lobe Delamination

Our competitors all bond their rubber lobe coatings to a smooth cast metal core. However, according to our coating company, "Bonding to castings presents difficulties not seen in bonding to steel- oil trapped in the casting;

impurities within the metal surface, inability to 100% clean away oxidation due to surface structure".* In contrast, we machine all our lobe cores in steel. This also allows us to rough up the surface texture of the core for best bonding.

4. Replaceable and Reversible Wear Plates

Our front and rear wear plates are reversible for extended use. They are customized for abrasive, corrosive and general applications.

5. Two piece Adjustable Housing Segment

No expensive one piece housing segments. Our housing segments are two pieces which are both adjustable and replaceable. Our austempered hardened housing segments are competitively priced to radial wear plates.

6. Highly experienced staff.

We have engineers and mechanics in the USA who are here to answer your questions or trouble shoot problems.

7. Standard wear parts shipped within 2 working days of order receipt or the parts are Free!

This guarantee applies for 5 years after the purchase of a LobePro pump.

8. Made in the USA

LobePro Pumps are 100% made in the USA which helps us maintain high quality, fast delivery, and good communications.



2610 Sidney Lanier Drive
Brunswick, Georgia 31525
1-888-997-PUMP Toll Free
(912) 466-0304 Telephone
(912) 466-0086 Fax
www.lobepro.com

Experience Positive Performance | www.lobepro.com | 888-997-PUMP