



RTP® SERIES™

ROTARY LOBE PUMP | HYGIENIC PRODUCT LINE



FEATURES & BENEFITS

CLEANABILITY

- The simple design behind the rotor makes strip cleaning easy and fast
- Choose the cleaning process that fits your needs: COP (Clean Out of Place) or CIP (Clean In Place)

EASE OF MAINTENANCE

- Innovative front loading seal design enables quick inspection and easy servicing
- Sealed gearcase with long-life lubrication eliminates oil inspection and filling
- Easy to service design requires no special tools for disassembly and eliminates need for end clearance adjustments

PERFORMANCE

- Easily handles higher viscosity liquids with improved pressure capabilities for faster unloading
- Excellent displacement/weight ratios, meaning more in the tank & less in the cabinet
- Precision helical gears, rotors & shaft design, with optimized bearing position, minimize overhung load – extending seal & bearing life

THE COMPLETE SOLUTION FOR YOUR HYGIENIC TANKER SYSTEM

Designed specifically for the hygienic stainless steel road tanker industry, the RTP outperforms the competition by providing higher capacity, higher pressure and unmatched efficiency. The RTP can also reduce loading and unloading time by over 30%.

This increased performance, along with advanced durability, application flexibility, ease of installation and ease of maintenance provide a complete solution for your hygienic tanker needs.

PERFORMANCE

MODELS

Model	Displacement		Max Pressure		Max Speed RPM	Standard Ports		Max Capacity		Max Temperature	
	USG/rev.	l/rev.	PSI	BAR		In	mm	GPM	m³/h	°F	°C
RTP20	0.264	1	145	10	1000	2 or 3	50 or 75	264	60	230	110
RTP30	0.338	1.28	174	12	1000	3 or 4	75 or 100	338	76.8	300	150



CAPACITY
to 338 GPM
(76.8 m³/h)



PRESSURE
to 174 PSI
(12 BAR)



VISCOSITY
to 910,000 SSU
(200,000 cSt)



TEMPERATURE
to +300°F
(+150°C)

PORTING

- Camlock, ACME & DIN 11851 ports available

SEALING

- Single / Double O-ring
- Dry-run capable composite O-ring seals
- Mechanical seals
- Complete range of material options

GEAR BOX

- Ingress protected and sealed lightweight aluminum gearbox

ROTOR & CASING OPTIONS

- 316L stainless steel pump casing standard with interior finished to 3-A standards
- High efficiency rotors for low viscosity fluids

MOUNTING

- SAE 2 & 4 bolt mounting flange for close coupled hydraulic drive applications

OPTIONS

- Optional pressure relief valve to protect pump against excess pressure spikes

TYPICAL APPLICATIONS

- High Fructose Corn Syrup
- Chocolate
- Milk and Dairy
- Vinegar
- Fruit Juice
- Vegetable Oils

MAINTENANCE KITS

- Everything you need in one place
- Reduce frequency of repairs
- Increase service life
- Increase uptime
- Save time and money
- Kits include exploded diagram and parts list
- Seal, bearing and elastomer kits available

VIKING PUMP®

VIKING PUMP, INC.
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GLOBAL LEADER IN POSITIVE DISPLACEMENT PUMPING SOLUTIONS: Cedar Falls, Iowa, USA | Windsor, Ontario, Canada | Shannon, Ireland | Eastbourne, United Kingdom

WHY CHOOSE THE RTP?			
Your Needs	RTP	RTPe	Competitor
FDA compliant (GRAS) & 3A Certified	✓	✗	✓
Dry-Run Capable Seal*	✓	✓	✗
Reduces loading and unloading time by over 30%	✓	✗	✗
Ingress Protected & Sealed Maintenance-Free Gearbox	✓	✓	✗
Pump design reduces overhung load, vibration, and pipe stress	✓	✓	✗
Smallest footprint and lowest weight	✓	✓	✗
Solids Handling	✓	✓	✓
All 316L Stainless Steel Wet End	✓	✓	✓
Multiple Port Options	✓	✗	✓
4-Way Mounting Feet	✓	✗	✗

✓ Yes ✗ No/Not Ideal or Limitations

* consult Representative for details

CONTACT YOUR STOCKING DISTRIBUTOR TODAY

IDEX

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