

Complete Fluid Handling Solutions for Sanitary & Ultra-Hygienic Markets

Air Operated Diaphragm Pumps

Centrifugal Pumps

Circumferential Piston Pumps

Rotary Lobe Pumps

Flow Meters



wright flow
TECHNOLOGIES®



Revolution: Redefining the standards of cleanability

- Front changing seals
- Maintenance free lubrication (optional)
- Choice between CPP or lobes
- Wright 808[®] CPP Rotors
- Outstanding CIP capabilities
- Identical capacity between std and Aseptic version
- Drop in replacements

Capacity: to 836 USGPM (190M³/Hr) **Pressure:** to 450 PSI (31 BAR) **Temperature:** -40°F to + 300°F (-40°C to 150°C)

Patented Technology

TRA[®] 10: The Circumferential Piston Pump for Shear-Sensitive Fluids

- Wright 808[®] non-galling, nickel-based alloy rotors
- Helical timing gears
- One-piece 316L shaft*, One-piece 17-4 PH high strength shaft**
- Vertical or horizontal porting with 4-way case mounting
- Stainless steel bearing retainers
- Drop-in replacement for Waukesha[®] U1

Capacity: to 450 USGPM (102 M³/Hr) **Pressure:** to 200 PSI (14 BAR)***
Temperature: -40°F to +300°F (-40°C to +150°C)

* Standard on sizes 0060, 0150, and 0180. ** Standard on sizes 0300, 0450, 0600, 1300, 2200, and 3200.***Model 0450 to 400 PSI (27 BAR)
****Photo shown with optional stainless gear box



TRA[®] 20: The Circumferential Piston Pump That Delivers Under Pressure Every Time

- CIP Capabilities
- Helical timing gears
- One-piece 316L shaft*
- One-piece 17-4 PH high strength shaft**
- Wright 808[®] non-galling, nickel-based alloy rotors
- Vertical or horizontal porting with 4-way case mounting
- Drop-in replacement for Waukesha[®] U2

Capacity: to 310 USGPM (70 M³/Hr) **Pressure:** to 500 PSI (34 BAR)
Temperature: -40°F to +300°F (-40°C to +150°C)

* Standard on sizes 0060, 0150, and 0180. ** Standard on sizes 0300, 0450, 0600, 1300, 1800, 2100, and 2200.

CPP Parts

- Drop in replacement parts & seals
- Wright 808[®] non-galling alloy rotors



TRA[®] 500: The Centrifugal Choice For High Volume Sanitary Applications

- Corrosion resistant stainless steel flange adapters
- No-weld inlet and outlet clamp connections
- One size mechanical seal fits all - through 30 Hp=22kW
- Integral inlet/outlet in housing provides ease of service
- Dimensionally interchangeable with Fristam[®] FPX[®] and FPR[®] Models

Capacity: to 900 USGPM (210 M³/Hr) **Pressure:** to 190 PSI (13 BAR) **Viscosity:** to 2,700 SSU (600 cSt)
Temperature: -20°F to +380°F (-29°C to +195°C)





SteriLobe: Heavy Duty, Low Shear Pumping Action with In-Line Cleanability

- EHEDG Certified CIP, SIP Capable
- 316L stainless steel construction
- Design for virtually pulse-free flow with minimal shear
- Front loading seals for minimum maintenance time
- Universal mounting and self draining capabilities
- These features have made this pump the Standard for demanding Pharmaceutical Applications

Capacity: to 1,014 USGPM (230 M³/Hr) **Pressure:** to 215 PSI (15 BAR)
Temperature: -22°F to +300°F (-30°C to +150°C)

Classic+: Economical, Low Shear Pumping Action with In-Line Cleanability

- Self draining design with CIP, SIP, or strip clean capabilities
- Robust, 316L stainless steel product-wetted construction
- Tri-lobe non-contacting rotors for smooth, low shear flow
- Universal mounting to facilitate self draining
- Dry running capability

Capacity: to 650 USGPM (148 M³/Hr) **Pressure:** to 175 PSI (12 BAR)
Temperature: -22°F to +350°F (-29°C to +180°C)



Acculobe: Accurate, Filling and Dosing for Sanitary Applications

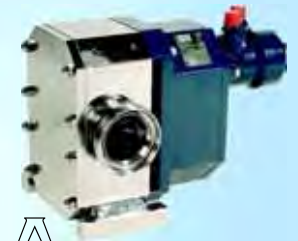
- Front-loading seal design for minimum maintenance time
- One-piece pump/gear case extends bearing and seal life
- Multi-lobe rotors standard for minimal pulsation and noise
- Non-galling rotors with reduced clearances available for very low viscosity liquids
- Ideal for dosing & lab applications.

Capacity: 0 to 9.2 USGPM (35 Liters/Min) **Pressure:** to 175 PSI (12 BAR) **Temperature:** -40°F to +300°F (-40°C to +150°C)

RTP: Designed Specifically for Road Transport Applications

- Compact & lightweight
- Bi-directional operation enables emptying hoses
- Optional with high efficiency rotors
- Ultra Hygienic CIP / SIP Design
- Front loading seals of minimum maintenance time

Capacity: to 339 USGPM (77M³/Hr) **Pressure:** to 175 PSI (12 BAR)
Temperature: -300°F (150°C)



TRA[®] 400: The Centrifugal Choice For High Purity Transfer

- Machined from solid bar and plate
 - Low ferrite eliminates rouge in pure water systems
- Exclusive SoftSterile™ seal flushing system (Patented)
- Exclusive true Zero-Dead-Leg casing drain (Patented)
- Comprehensive IQ supporting documentation
- USP class VI elastomers

Capacity: to 300 USGPM (70 M³/Hr) **Pressure:** to 135 PSI (9.3 BAR) **Viscosity:** to 2,700 SSU (660 cSt)
Temperature: -20°F to +380°F (-29°C to +195°C)



T-Series AODD: Food grade FDA Material Compliant Range

- FDA compliant materials of construction
- Transfers thin liquids with 90% food particulates
- Self-priming, dry-run capabilities
- Available sizes 1½", 2", 2½", 3" and 2½" Flapper for handling 2" Solids
- Made in USA

Capacity: to 250 USGPM (57 M³/Hr) **Pressure:** to 125 PSI (8.6 BAR) **Viscosity:** to 250,000 SSU (55,000 cSt)
Temperature: -10°F to +212°F (-23°C to +100°C)

V-Series AODD: Easy Cleaning Capabilities & 3A (optional)

- CIP Capabilities
- Easy clean tri-clamp connections and wing-nut clamp bands for quick assemble and disassemble
- 316L stainless steel construction with 180°C Rotating Pump stand
- Gently handles solids up to 5/8" (.625) in diameter
- Leak Detection system optional for 3A compliance
- Available sizes 1½" & 2"
- Made in USA

Capacity: to 180 USGPM (680 LPM) **Pressure:** to 100 PSI (6.9 BAR) **Viscosity:** to 250,000 SSU (55,000 cSt)
Temperature: -10°F to +212°F (-23°C to +100°C)



B-Series AODD: Premier EHEDG Range

- EHEDG certified for highest cleanliness standards (CIP)
- 316 Stainless Steel
- Tri-clamp connections and optional 180°C Rotation to facilitate cleaning
- Sizes ½", 1", 2"
- Made in Ireland

Capacity: to 125 USGPM (476 LPM) **Pressure:** to 125 PSI (8.6 BAR) **Temperature:** Determined by elastomers.



Flow Meters: Highly Accurate Flow Measurement Used in Process Control, Batching Or Blending

Steriblade - Turbine

- Accuracies capable +/-0.5%, repeatable to 0.1%
- CIP with remote display
- Available in SS 304, 316
- If damaged, Blade cartridge can be quickly replaced for minimum downtime
- Available as non-3A lower cost option

Capacity: to 1,250 USGPM (284 M³/Hr) **Viscosity:** to 250 cSt
Temperature: -450°F to +750°F (-268°C to +399°C)

MagWright - Magnetic

- Accuracies capable +/-0.2%, repeatable to 0.1%
- CIP with remote display
- PTFE lined with 316SS electrodes
- Obstruction-less flow for little or no pressure loss
- Available as non-3A lower cost option

Capacity: to 0.375-4542 lpm (0.1-1200 GPM)
Temperature: -149°C (300°F) Remote Conv.



For more information, contact your local authorized Wright Flow Technologies Distributor or contact us at:



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