

Merkur Spray Packages



Merkur Spray Packages

- A new family of air motors and pump lowers to replace the Merkur and Falcon series of pumps.
- All new Finishing packages to replace the Falcon, Merkur, Monark and President packages.



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- 4 air motor sizes for a complete range
- Less pulsation for a consistent finish
- Low air consumption for increased efficiency
- Low operating noise level
- Modular design for quick and easy servicing



Air Motors



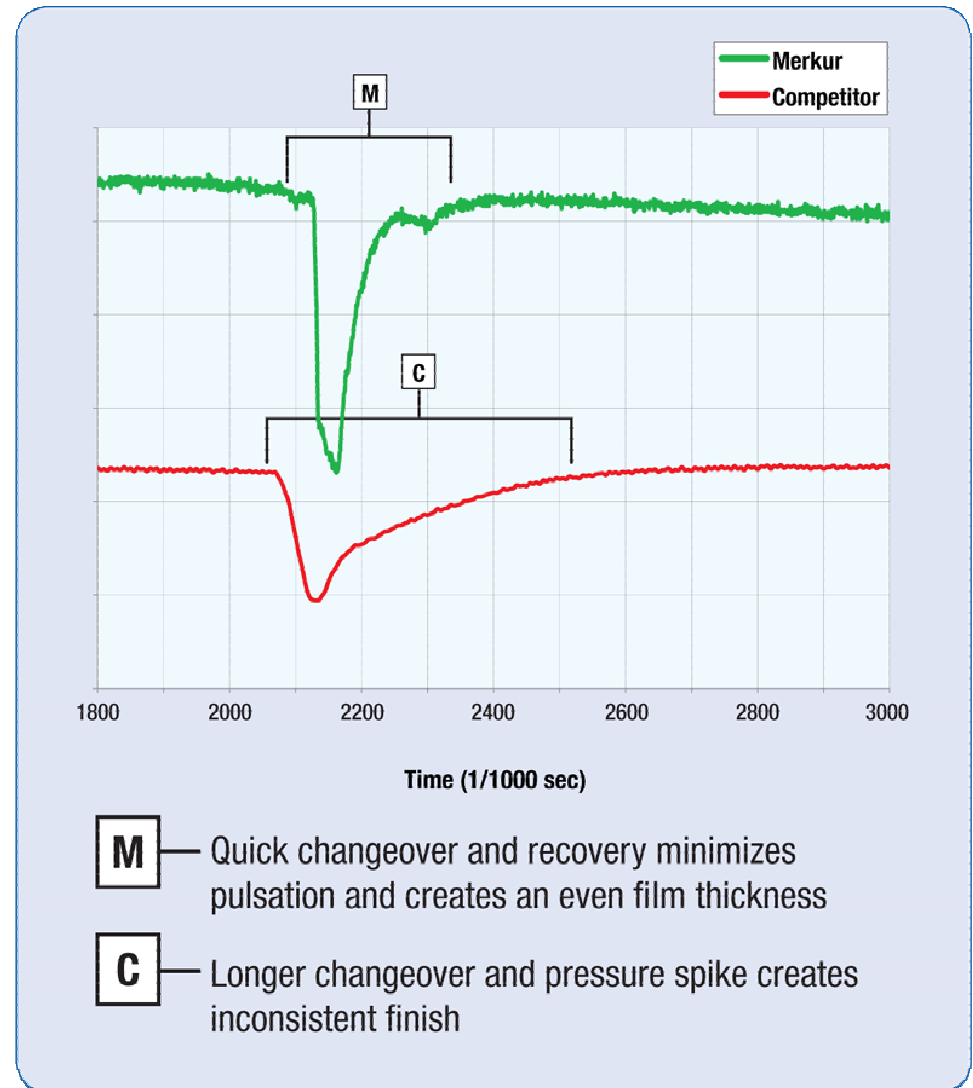
- 4 air motor sizes for a complete range
 - 2.5" (63.5 mm)
 - 3.5" (89.0 mm)
 - 6.0" (152.5 mm)
 - 7.5" (190.5 mm)
- All air motors have a 2.5" (63.5 mm) stroke
- 2 air valve sizes



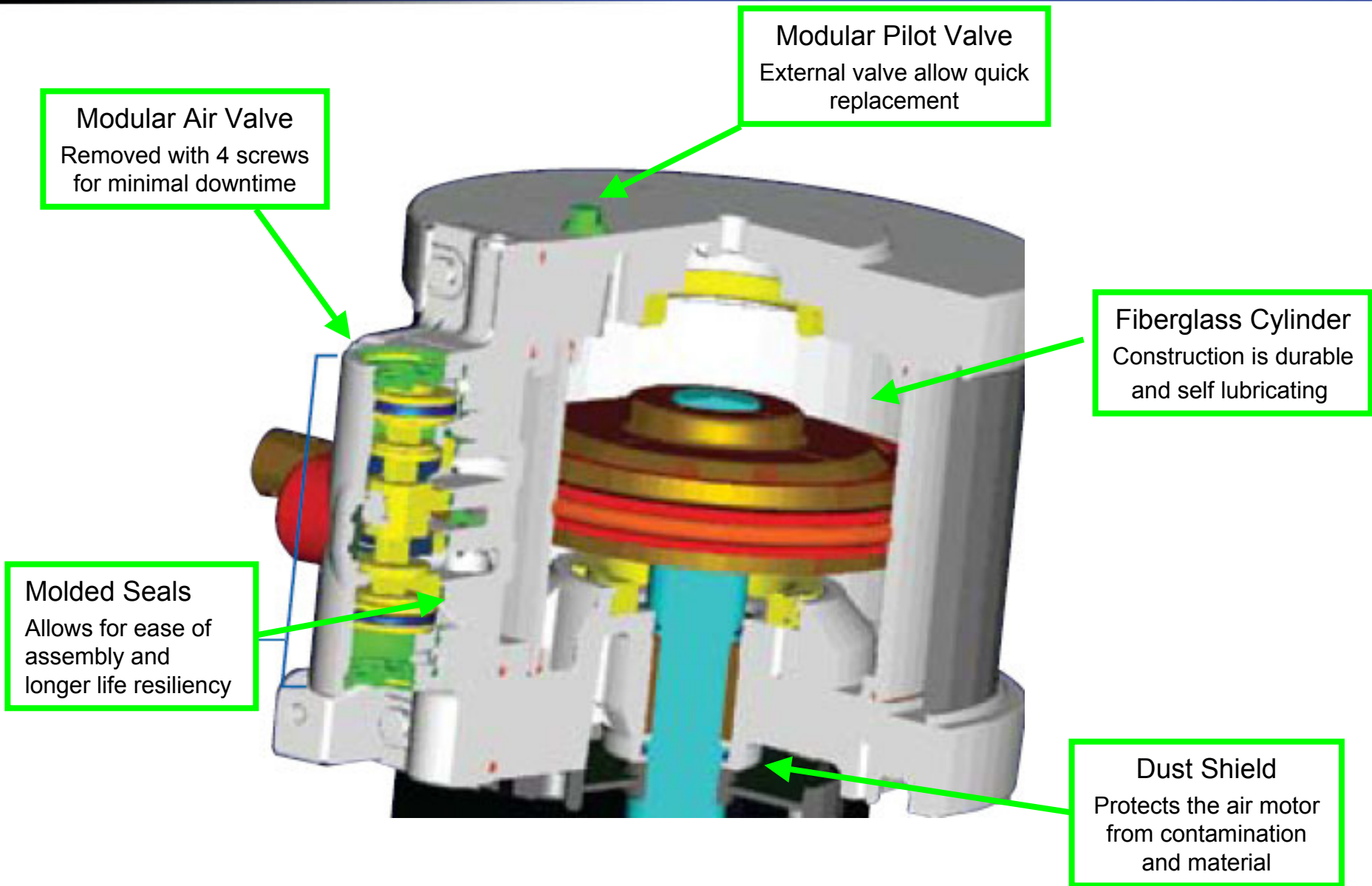
Air Motor Features



- Smooth and rapid changeover results in
 - Minimal pulsation
 - Even film thickness
 - Consistent finish quality
 - Reduced operator fatigue
- Designed for optimal performance
 - No stalling
 - Efficient air usage
 - Low pressure start up
 - Precision control at low input pressures



Air Motor Features



Modular Air Valve
Removed with 4 screws
for minimal downtime

Modular Pilot Valve
External valve allow quick
replacement

Fiberglass Cylinder
Construction is durable
and self lubricating

Molded Seals
Allows for ease of
assembly and
longer life resiliency

Dust Shield
Protects the air motor
from contamination
and material

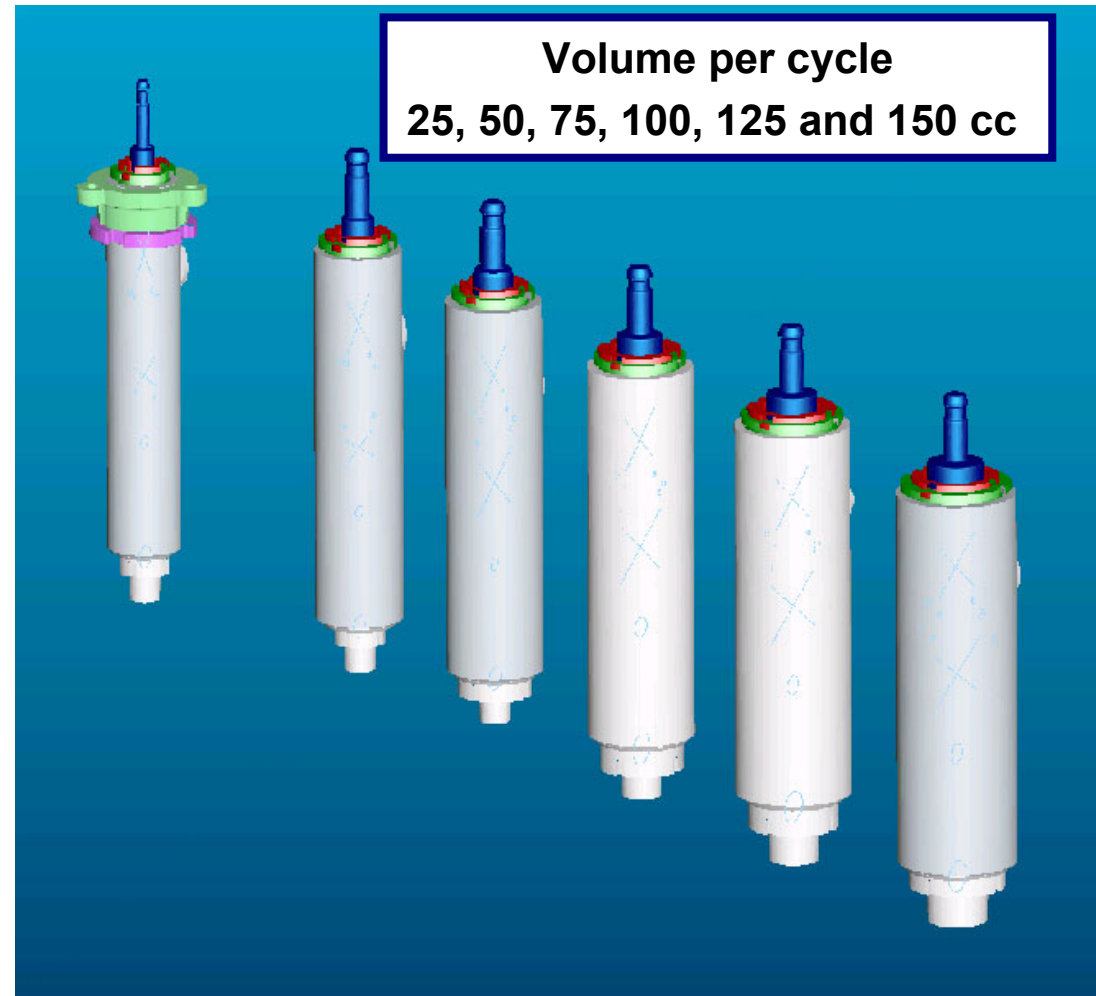
Lowers



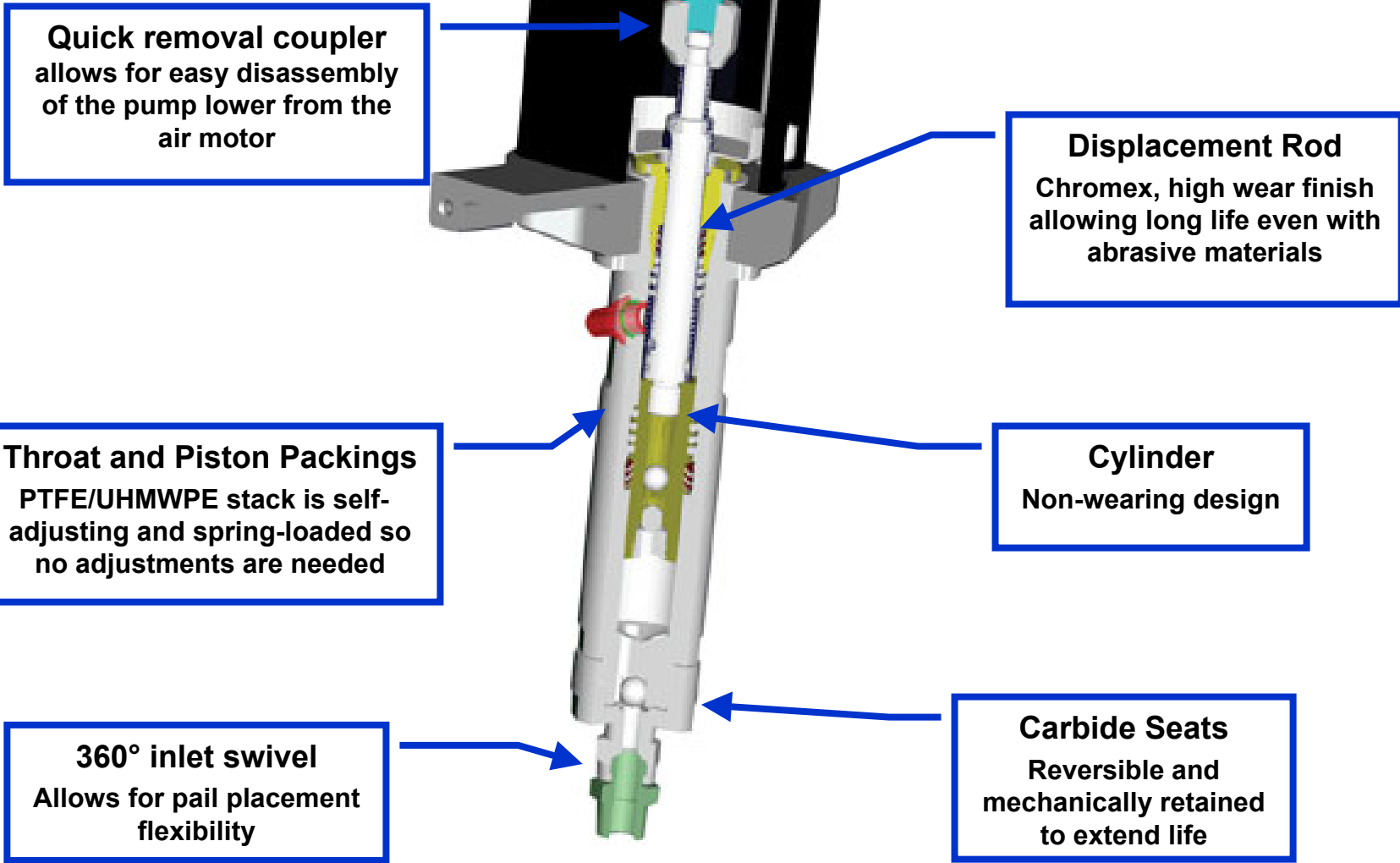
- 6 sizes for a wide variety of flow rates
- Easy to flush design for fast color change and reduced solvent usage
- 300 series stainless steel construction provides long lasting durability
- Increased ease of serviceability with fewer parts



- 6 sizes for a wide variety of applications
 - 25 cc (0.8 oz)
 - 50 cc (1.7 oz)
 - 75 cc (2.5 oz)
 - 100 cc (3.4 oz)
 - 125 cc (4.0 oz)
 - 150 cc (5.0 oz)
- Durable construction materials for long life
 - 300 series stainless steel
 - Chromex coated displacement rod



Lowers Features



Lowers Features

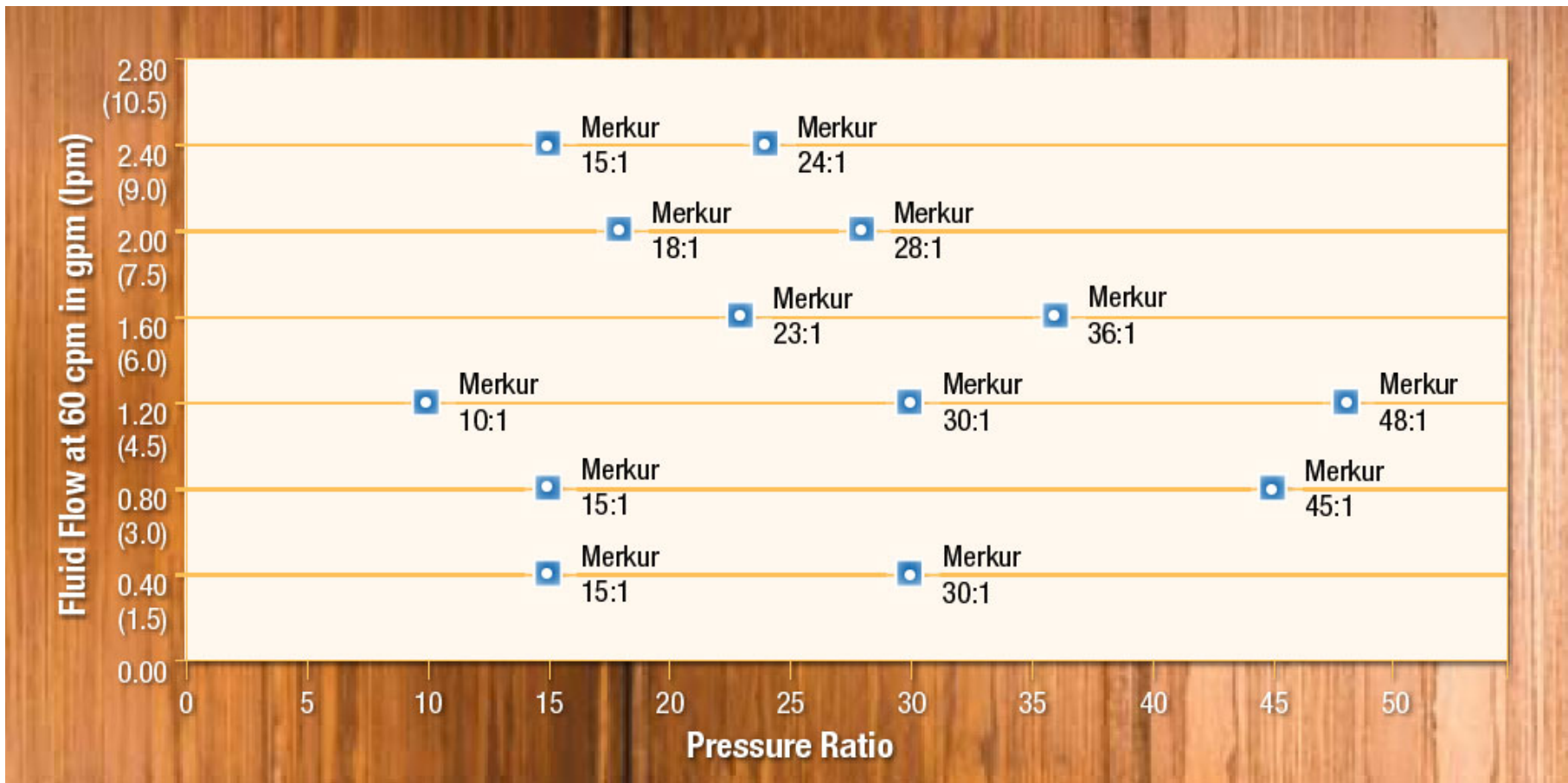


- Throat Seal and Rod Enclosure
 - Protects pumped material and wet cup from contamination
 - Attached with one screw for easy removal to monitor and service
- Throat Seal Liquid (TSL) Level Indicator
 - Extended wet cup for external filling and monitoring of TSL level
 - Cartridge style for servicing throat seals



New Pump Offering

13 Pumps to fit a wide variety of applications!



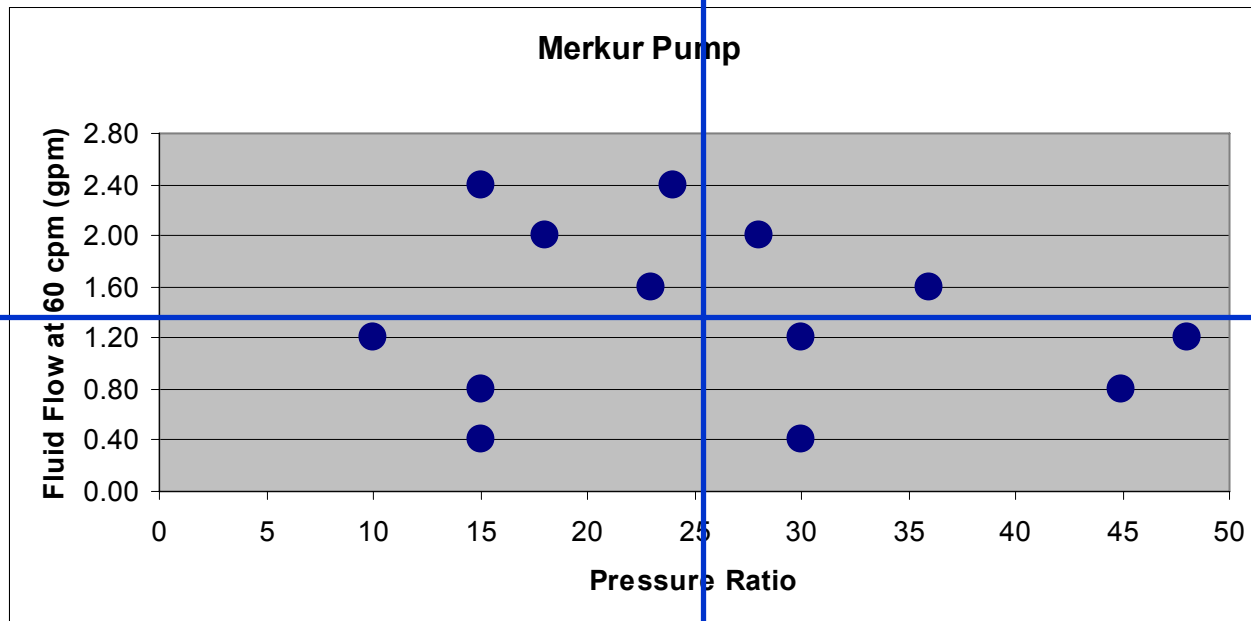
Pump Applications

Low Pressure, High Flow

- Multiple gun operation
- Low to medium viscosity materials

High Pressure, High Flow

- Multiple gun operation
- Medium to high viscosity materials



Low Pressure, Low Flow

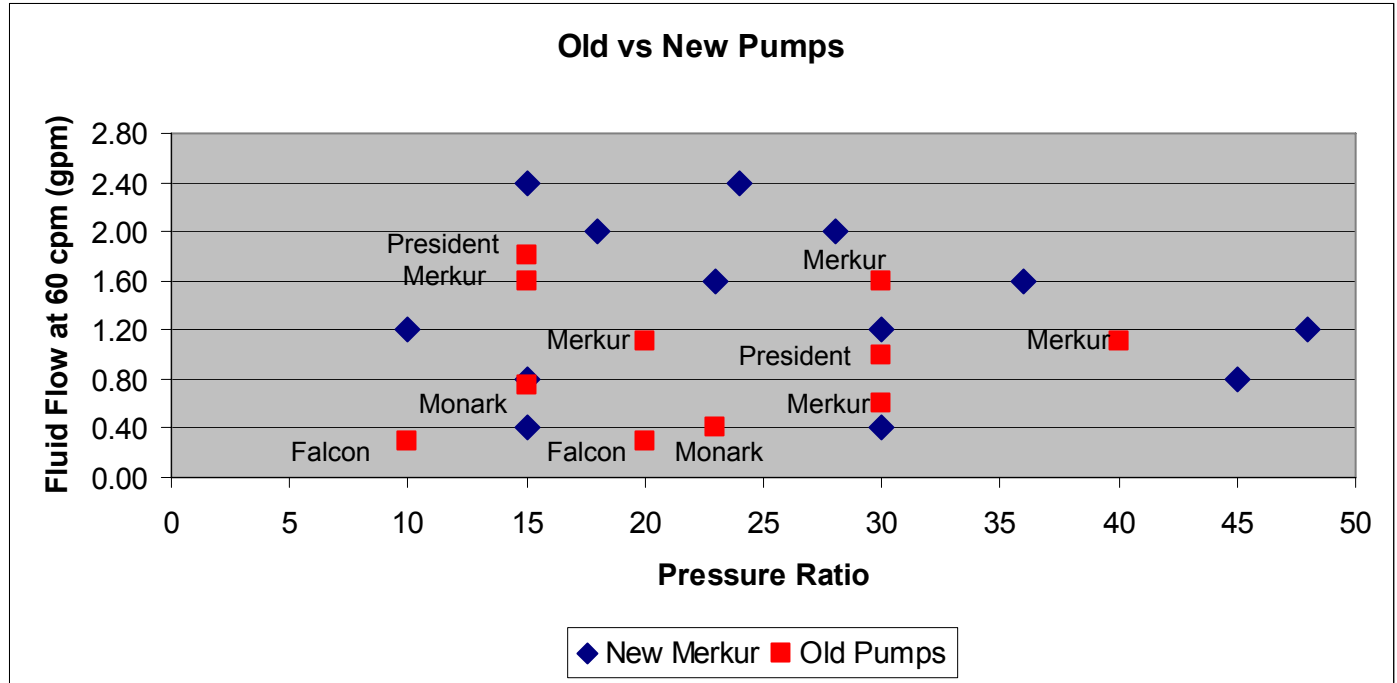
- 1 gun operation
- Low to medium viscosity materials

High Pressure, Low Flow

- 1 gun operation
- Medium to high viscosity materials

New vs. Old Pump Offering

**New
Merkur**



Falcon



Merkur



Monark and President

Package Configurations



- 13 pump sizes
- 3 spray technologies
 - Air Assisted – AA Series
 - Electrostatic – Pro Xs
 - Airless – XTR
 - Also available without a gun
- 2 DataTrak configurations
- 3 mount types
 - Cart mount
 - Wall mount
 - Stand mount
- Variety of standard accessories



- DataTrak designed to protect and monitor the pump
 - Easy to set runaway control
 - Pump diagnostics to advise when to maintain the pump
 - Resettable batch counter tracks material usage and maintenance schedule
- DataTrak with only cycle count offered on the Merkur 15:1 low flow
 - Resettable batch counter for material usage tracking



Package Control Panel



- Control Panel includes:
 - Air regulators
 - DataTrak
 - Air shut off valve
- Located at operator height
 - Easy to reach controls
 - Easy to monitor controls
- Allows for compact package



Package Mounts



Cart Mount



Wall Mount



Stand Mount

Package Standard Accessories

The following accessories are available on select packages:

- Suction hose
 - Suction line strainer
 - Stainless steel tube
 - Swivel connection to pump
- Hopper
 - 1.5 gal. (5.5 liter) capacity
- Heater
 - 120 volt
 - SST drain valve standard
 - Back pressure regulator
- Filter
 - Stainless steel construction



Siphon Hose



Hopper



Heater



Filter

Air Assisted Packages



- Available with all pump sizes
- DataTrak packages available
- Available on cart, wall and stand mount
- Gun offering
 - AA Series G15
 - 10:1 and 15:1 pumps
 - AA Series G40
 - All pumps over 15:1
 - AA Series G40 RAC
 - All pumps over 15:1
- 25 ft (7.6 m) fluid and air hose



Electrostatic Packages



- Available with select pump sizes
 - 15:1 high flow
 - 18:1
 - 23:1
 - 24:1
 - 28:1
 - 30:1 high flow
- DataTrak packages available
- Available on wall and cart mount
- Offered with a PRO Xs AA Smart gun
- 25 ft (7.6 m) fluid and air hose



Airless Packages



- Available with select pump sizes
 - 23:1
 - 24:1
 - 28:1
 - 30:1
- DataTrak packages available
- Available on wall and cart mount
- Offered with an XTR-5 gun
- 25 ft (7.6 m) fluid hose



Bare Packages



- Packages available without a spray gun
- DataTrak packages available
- Available on wall, cart and stand mount
- Options include:
 - Air controls
 - Siphon hose
 - Air and fluid gun hose
 - Filter



Merkur Summary



- Merkur will have a complete spray package offering
- Replaces Falcon, Merkur, Monark and President Finishing spray packages
- Merkur spray packages will be available November 2008

