

Merkur®

High Performance Fine Finish Packages



Advanced Technology. Superior Performance.

The Merkur® spray packages are designed to outperform and outlast other pumps in their class. With a variety models and configurations to choose from, you get the precise pressure and output you need for all of your



Air Motor

- Highest technology air motor on the market
- Low air consumption for increased efficiency
- Muffler provides low operating noise levels
- External valve access allows for easy servicing and online replacement to minimize downtime

Operator Control Panel

 Air controls located at operator height for easy setting and monitoring

Throat Seal and Rod Enclosure

 Protects pumped material and wet cup from contamination but can be easily removed to monitor and service



DataTrak™

Monitor and protect your pump with our patented DataTrak which integrates local monitoring systems!

- Easy to set runaway protection, where you set the cycle rate limit
- Pump diagnostics help advise when to maintain the pump
- Resettable batch counter tracks material usage and maintenance schedule

Long-Lasting Durability

Pump Lower

- Easy-to-flush design allows for fast color changes and reduced solvent usage
- 300 Series stainless steel pump construction provides long-lasting durability
- Designed for improved serviceability with fewer parts and lower cost of ownership

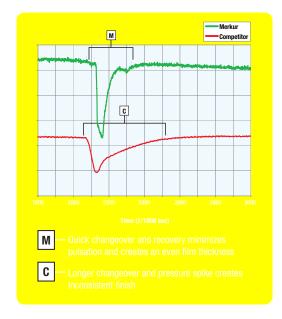
Air Valve Provides smooth and rapid changeover Quick Removal Coupler Allows for easy disassembly of the pump lower from the air motor Piston and Displacement Rod Ultralife ceramic coating allows protection for long life even with abrasive materials

Throat Seal Liquid (TSL) Level Indicator

Extended wet cup for external filling and monitoring of TSL™ levels

Lace Dulcation for Rotter Reculte

Merkur is designed to provide a smooth, rapid changeover for a better, more consistent finish and less user fatique.



nroat and Piston Packings

Self-adjusting and spring-loaded so no adjustments are needed to maintain long packing life

60° Inlet Fitting

Makes it easy to access the pail from almost any location

The right flows at the right pressures to fit all of your spraying needs.

With 13 different pump models to choose from, Merkur fine finish spray packages are designed to improve productivity, reduce costs, lower emissions and provide consistent, high quality finishes for all of your demanding applications.



Making the Right Choice for your Application

Combine a Merkur pump with a variety of guns and accessories, and you'll be on your way to selecting the package that's right for you!

Select a Spray Technology



G15[™]/G40[™] Air-Assist Gun



XTR[™] Airless Gun



Pro Xp[™] Air-Assist Electrostatic

Select a Mounting Configuration _____



Cart Mount



Wall Mount



Stand Mount

Determine the Accessories that are right for you



Suction Hose



Hopper



Heater



Filter

Technical Specifications

Merkur Technical Specifications

Pump Ratio	Merkur						
	10:1	15:1	15:1	15:1	18:1	23:1	24:1
Fluid Flow @ 60 cpm	1.2 gpm	0.4 gpm	0.8 gpm	2.4 gpm	2.0 gpm	1.6 gpm	2.4 gpm
	(4.5 lpm)	(1.5 lpm)	(3.0 lpm)	(9.0 lpm)	(7.5 lpm)	(6.0 lpm)	(9.0 lpm)
Pump Volume per Cycle	2.5 oz	0.8 oz	1.7 oz	5 oz	4.2 oz	3.4 oz	5 oz
	(75 cc)	(25 cc)	(50 cc)	(150 cc)	(125 cc)	(100 cc)	(150 cc)
Maximum Fluid Outlet Pressure	1000 psi	1500 psi	1500 psi	1500 psi	1800 psi	2300 psi	2400 psi
	(69 bar)	(103 bar)	(103 bar)	(103 bar)	(124 bar)	(158 bar)	(165 bar)
Maximum Air Inlet Pressure	100 psi (7 bar)						
Air Motor Displacement (cc per stroke)	400 cc	200 сс	400 cc	1200 cc	1200 cc	1200 cc	1800 cc
Air Consumption @ 100 psi	6 scfm	3 scfm	6 scfm	17 scfm	17 scfm	17 scfm	26 scfm
(7 bar, 0.7 MPa) @ 20 cpm	(0.17 m3/min)	(0.08 m3/min)	(0.17 m3/min)	(0.48 m3/min)	(0.48 m3/min)	(0.48 m3/min)	(0.74 m3/min)
Fluid Inlet Size	3/4 npt(m)	1/2 npt(m)	3/4 npt(m)	1 npt(m)	1 npt(m)	3/4 npt(m)	1 npt(m)
Fluid Outlet Size	3/8 npt(m)	3/8 npt(m)	3/8 npt(m)	3/4 npt(m)	1/2 npt(m)	3/8 npt(m)	3/4 npt(m)
Air Inlet (motor)	1/4 npt(f)	1/4 npt(f)	1/4 npt(f)	1/2 npt(f)	1/2 npt(f)	1/2 npt(f)	1/2 npt(f)

Pump Ratio	Merkur	Merkur	Merkur	Merkur	Merkur	Merkur
	28:1	30:1	30:1	36:1	45:1	48:1
Fluid Flow @ 60 cpm	2.0 gpm	0.4 gpm	1.2 gpm	1.6 gpm	0.8 gpm	1.2 gpm
	(7.5 lpm)	(1.5 lpm)	(4.5 lpm)	(6.0 lpm)	(3.0 lpm)	(4.5 lpm)
Volume per Cycle	4.2 oz	0.8 oz	2.5 oz	3.4 oz	1.7 oz	2.5 oz
	(125 cc)	(25 cc)	(75 cc)	(100 cc)	(50 cc)	(75 cc)
Maximum Fluid Outlet Pressure	2800 psi	3000 psi	3000 psi	3600 psi	4000 psi	4000 psi
	(192 bar)	(206 bar)	(206 bar)	(248 bar)	(275 bar)	(275 bar)
Maximum Air Inlet Pressure	100 psi (7 bar)	90 psi (6.2 bar)	85 psi (5.8 bar)			
Air Motor Displacement (cc per stroke)	1800 cc	400 cc	1200 cc	1800 cc	1200 cc	1800 cc
Air Consumption @ 100 psi	26 scfm	6 scfm	17 scfm	26 scfm	17 scfm	26 scfm
(7 bar, 0.7 MPa) @ 20 cpm	(0.74 m3/min)	(0.17 m3/min)	(0.48 m3/min)	(0.74 m3/min)	(0.48 m3/min)	(0.74 m3/min)
Fluid Inlet Size	1 npt(m)	1/2 npt(m)	3/4 npt(m)	3/4 npt(m)	3/4 npt(m)	3/4 npt(m)
Fluid Outlet Size	1/2 npt(m)	3/8 npt(m)	3/8 npt(m)	3/8 npt(m)	3/8 npt(m)	3/8 npt(m)
Air Inlet (motor)	1/2 npt(f)	1/4 npt(f)	1/2 npt(f)	1/2 npt(f)	1/2 npt(f)	1/2 npt(f)

Instruction and Parts Manuals

312797 Merkur AA and Airless Spray Package
 312798 Merkur Electrostatic Spray Package
 313255 Merkur AA and Airless Heated Package

312794 Merkur Pumps

312792 Merkur Displacement Lower

312796 Merkur Air Motor



ABOUT GRACO

PROVEN QUALITY, LEADING TECHNOLOGY.

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The company's success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology that set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication, and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco's ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

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