



# Merkur<sup>®</sup> Low Pressure

Air spray pump and spray packages



**Advanced technology. Superior performance.**

The Merkur<sup>®</sup> spray packages are designed to outperform and outlast other pumps in their class. With a variety of configurations to choose from, you get the solution you need for all of your finishing applications.

PROVEN QUALITY. LEADING TECHNOLOGY.

# Long-lasting durability

## Pump lower

- The easy-to-flush lower design allows for fast colour changes and reduced material waste
- The 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 a smooth and rapid changeover

### Quick removal coupler

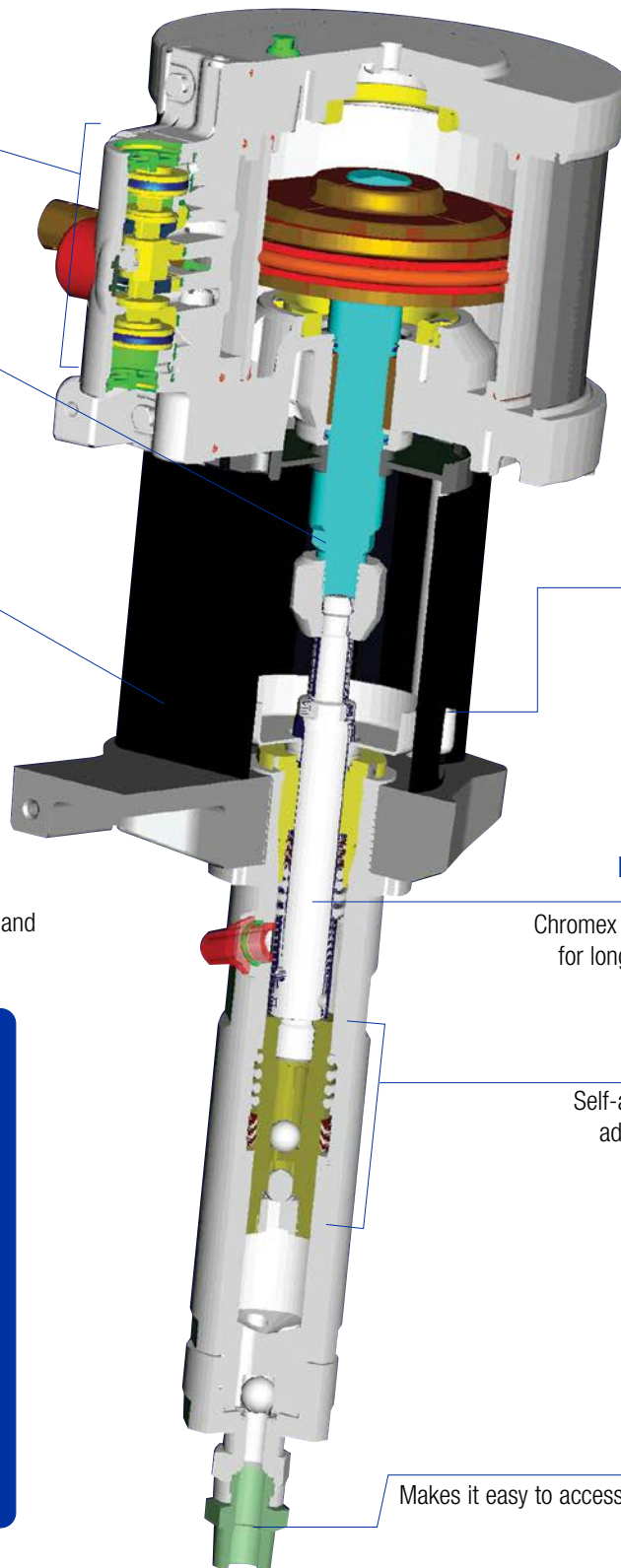
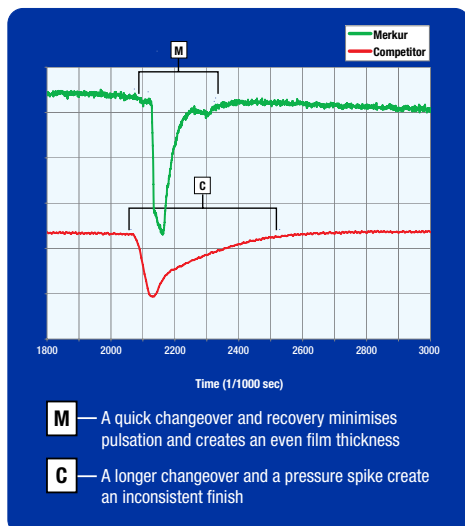
Allows for easy disassembly of the pump lower from the air motor

### Throat seal and rod enclosure

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

### Less pulsation for better results

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



### Throat Seal Liquid (TSL) level indicator

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

### Piston and displacement rod

Chromex ceramic coating allows protection for long life even with abrasive materials

### Throat and piston packings

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

### 360° inlet fitting

Makes it easy to access the pail from almost any location

# Making the right choice for your application

The Merkur low pressure piston pump is available in a variety of configurations including AirPro spray guns and Pro Xp air spray electrostatic guns.



## Air motor

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

## Operator control panel

- Air controls are located at operator height for easy setting and monitoring



## 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
- The resettable batch counter tracks material usage and the maintenance schedule

Select a spray technology



AirPro™  
Conventional gun



AirPro™  
HVLP gun



AirPro™  
Compliant gun



Pro Xp™  
Air spray - electrostatic

Select a mounting configuration



Cart mount



Wall mount

Determine the accessories



Suction hose



Fluid regulator



Filter

# Technical Specifications

## Pump ratio

Fluid flow @ 60 cpm	7.5 lpm (2.0 gpm)
Pump volume per cycle	125 cc (4.2 oz)
Maximum fluid outlet pressure	8.3 bar (120 psi)
Maximum air inlet pressure	3.5 bar (50 psi)
Air motor displacement (cc per stroke)	200 cc
Air consumption @ 7 bar (100 psi, 0.7 MPa) @ 20 cpm	0.08 m <sup>3</sup> /min (3 scfm)
Fluid inlet size	1 npt(m)
Fluid outlet size	1/2 npt(m)
Air inlet	3/8 npt(f)

## Instruction and parts manuals

3A7003	..... Merkur air spray package
3A7004	..... Merkur electrostatic spray package
312794	..... Merkur pumps
312792	..... Merkur displacement lower
312796	..... Merkur air motor
312414	..... AirPro pressure feed air spray gun
3A2494	..... Pro Xp electrostatic air spray gun
308325	..... Fluid pressure regulator
307273	..... Fluid filter



# Ordering information

Part no.	Applicator Description	Applicator Part no.	Cart mount	Wall mount	Air controls		Hoses		Accessories		
					Data Trak	Pump and gun	Gun fluid hose 7.5m (25 ft.)	Gun air hose 7.5m (25 ft.)	Siphon kit	Fluid filter	Fluid regulator (241976)
G03C01	None		•			•			•		
G03C02	None		•		•	•			•	•	
G03C03	None		•			•			•	•	
G03C04	AirPro HVLP	288938	•		•	•	•	•	•	•	•
G03C05	AirPro HVLP	288938	•			•	•	•	•	•	•
G03C06	AirPro conventional	288931	•		•	•	•	•	•	•	•
G03C07	AirPro conventional	288931	•			•	•	•	•	•	•
G03C08	AirPro compliant	288945	•		•	•	•	•	•	•	•
G03C09	AirPro compliant	288945	•			•	•	•	•	•	•
G03C15	None		•								
G03W01	None			•		•			•		
G03W02	None			•	•	•			•	•	
G03W03	None			•		•			•	•	
G03W04	AirPro HVLP	288938		•	•	•	•	•	•	•	•
G03W05	AirPro HVLP	288938		•		•	•	•	•	•	•
G03W06	AirPro conventional	288931		•	•	•	•	•	•	•	•
G03W07	AirPro conventional	288931		•		•	•	•	•	•	•
G03W08	AirPro compliant	288945		•	•	•	•	•	•	•	•
G03W09	AirPro compliant	288945		•		•	•	•	•	•	•
G03W15	None			•							
G03C10	Pro Xp 60 KV electrostatic	L60T10	•		•	•	•*	•*	•	•	•
G03C11	Pro Xp 60 KV electrostatic	L60T10	•			•	•*	•*	•	•	•
G03C12	Pro Xp 85 KV electrostatic	L85T10	•		•	•	•*	•*	•	•	•
G03C13	Pro Xp 85 KV electrostatic	L85T10	•			•	•*	•*	•	•	•
G03W10	Pro Xp 60 KV electrostatic	L60T10		•	•	•	•*	•*	•	•	•
G03W11	Pro Xp 60 KV electrostatic	L60T10		•		•	•*	•*	•	•	•
G03W12	Pro Xp 85 KV electrostatic	L85T10		•	•	•	•*	•*	•	•	•
G03W13	Pro Xp 85 KV electrostatic	L85T10		•		•	•*	•*	•	•	•

\*Grounded electrostatic air and fluid hose



## About Graco

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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All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Graco is certified according to ISO 9001.



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