



Merkur[®] ES

Air-Assist and Airless Spray Packages



- Quick flush system requires less than **1 minute** to flush
- **45%** less material to fill the system than the leading competitors
- **2 to 10 years** of proven reliability on key system components
- Delivers a superior, consistent spray finish

PROVEN QUALITY. LEADING TECHNOLOGY.

Need Efficiency and Excellent Spray Performance? Graco's Merkur ES has it!

Designed to use less material than the competition *and* to reduce air usage and pulsation, the **Merkur ES** is one **Efficient Sprayer**.

- Quick flush system reduces material and solvent usage
- Durable, proven reliable air motor, pump lower and key components mean less downtime
- Low profile spray package makes it easy to transport
- Delivers high transfer efficiency with a consistent, superior finish



1/8 inch Fluid Hose

- Reduces material and solvent usage
- Lightweight and flexible for operator convenience



Suction Hose and Strainer

- Leaves less material in the supply container
- Reduces material and solvent usage with its small diameter



FLEXIBLE, EFFICIENT SYSTEMS



15:1 air-assist
stand mount



15:1 air-assist
wall mount



30:1 air-assist
stand mount



30:1 air-assist
wall mount

G15/G40 Spray Gun

- Delivers superior spray performance
- Maximizes operator comfort with ergonomic design

Control Panel

- Easily set and monitor air controls
- Integrated carrying handle for easy transporting



Air Motor

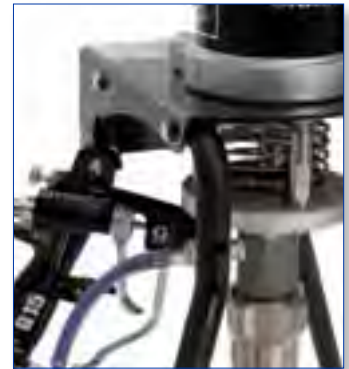
- Provides consistent finishes with smooth, rapid changeover
- Minimizes air usage

Pump Mount

- Converts from stand mount to wall mount

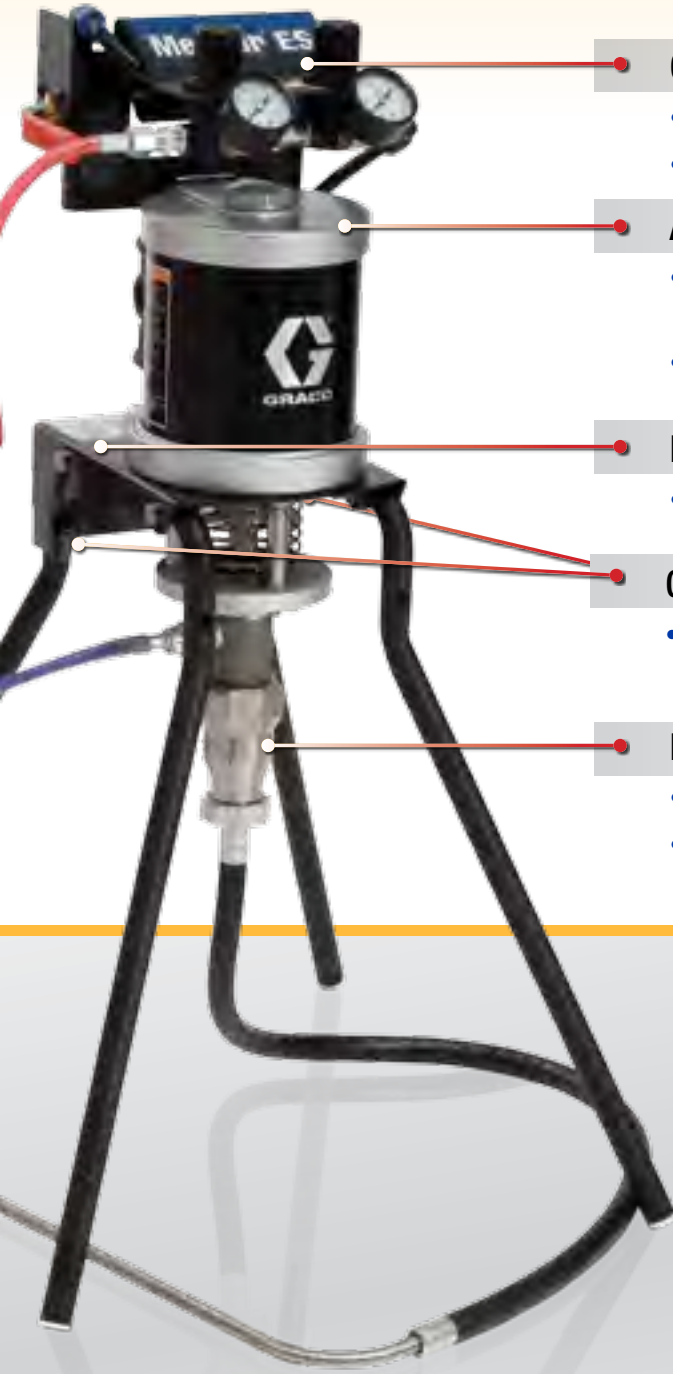
Gun Hook

- Located on both sides of pump stand for flexibility



Pump Lower

- Over 10 years of proven reliability
- Available in plated or stainless steel



30:1 airless stand mount



30:1 airless wall mount

Merkur ES Ordering Information

Part No.	Plated Steel	Stainless Steel	Wall Mount	Stand Mount	G15 Gun	G40 Gun	Silver Plus™ Gun
Merkur ES 15:1 Air-Assist Packages							
24F150	•		•		•		
24F151	•			•	•		
24F158		•	•		•		
24F159		•		•	•		
Merkur ES 30:1 Air-Assist Packages*							
24F152		•	•			•	
24F153		•		•		•	
24F156	•		•			•	
24F157	•			•		•	
Merkur ES 30:1 Airless Packages**							
24F154	•		•				•
24F155	•			•			•

*All Air-Assist Packages include a 25 ft (7.5 m) fluid hose and air hose, suction hose and an AAM413 tip

**All Airless Packages include a 25 ft (7.5 m) fluid hose, suction hose and a 163515 tip

Accessories



24F271 Inline fluid filter, stainless steel



24F272 Inline fluid filter, plated steel



24F165 1/8" ID fluid hose, 25 ft (7.5 m), plated steel

24F166 1/8" ID fluid hose, 25 ft (7.5 m), stainless steel



24F147 Suction tube for 1 gal (3.7 l) pail, stainless steel

24F148 Suction hose 3/8" OD for 5 gal (18.9 l) pail

24F149 Suction hose 5/8" OD for 5 gal (18.9 l) pail

Merkur ES Technical Specifications

Maximum fluid working pressure

15:1 pumps 1500 psi (10.3 MPa, 103 bar)

30:1 pumps 3000 psi (20.7 MPa, 207 bar)

Maximum cycle rate 240 cycles per minute

Maximum tip orifice size 0.019 in (0.483 mm)

Fluid flow @ 240 cpm 0.4 gpm (1.5 lpm)

Volume per cycle 0.2 oz (6 cc)

Maximum air inlet pressure 100 psi (0.7 MPa, 7.0 bar)

Air consumption @ 100 psi @ 90 cpm (0.7 MPa, 7.0 bar)

15:14 scfm

30:17 scfm

Package air inlet size 3/8 npt(f)

Package fluid outlet size 1/4 npsm(m)

Wetted parts

Plated steel pumps SST, CS, nickel plating, tungsten carbide, PTFE, acetal, leather, UHMWPE

Stainless steel pumps SST, tungsten carbide, PTFE, acetal, leather, UHMWPE

Minimum compressor size 1.5 HP

Instruction manual 3A0732