

PHOENIX EQUIPMENT COMPANY

The LF-1 spray system “The ELF”, is a compact unit for polyester applications, including wet-out, chop, and gelcoat processes. Built for consistent performance, it provides precise resin and catalyst delivery for reliable finishes in fabrication, composites, industrial production, and other reinforced plastics manufacturing. Each system is custom built to meet specific production needs and can be manufactured on a tripod stand (economical option), H-shaped stand (best overall value), or mobile cart (most convenient for mobility).

Specifications:

Pump Shaft: 1"

Output per Cycle: 75 ml (4.5 L/min)

Catalyst Ratio: 0.75% – 3.0%

Pump Output: 1.5 GPM

Fluid Sections: All stainless steel

Gun Types: Internal Mix / External Mix

Applications: Wet-out, Chop, Gelcoat

System Design & Maintenance:

Common shaft for air motor &

fluid pump reduces moving parts - **seal life**

Compact, lightweight construction for portability

Threaded pump cylinder for maintenance

Simple, accessible control system

Configurable for 5-gallon (20 L) pails

Includes 15-foot hose set & flush tank

Gun & Material Handling:

Internal or external mix guns suitable for wet-out, chop, or gelcoat applications

Multiple tip available for internal mix guns

Uniform catalyst blending - internal mix gun

Low-restriction stainless steel fluid components

