

PHOENIX EQUIPMENT COMPANY

The Helios Putty Ram System: A heavy-duty, single-post ram designed for controlled delivery of viscous materials. It applies downward pressure to dense or filled putties that do not flow by gravity.

A sealed follower plate maintains contact with the pail wall, directing material toward the pump inlet while wiping the container clean and minimizing air entry. The stainless steel pump and mechanically actuated gun deliver even material flow, and the static mixer ensures proper blending at dispense. The design supports continuous output and preserves material composition throughout processing. The system handles a wide range of putties, including high-viscosity and microballoon-filled types.

The Key Components: The system includes a single post ram with a sealed follower plate, a stainless steel fluid pump, and a PSG-2600 mechanically actuated gun. It is equipped with a 10-inch static mixer (30-inch optional), a 25-foot (7.62 m) pressure hose set with a $\frac{3}{4}$ -inch diameter, and a Phoenix $\frac{3}{4}$ -inch ball valve gun with a solvent-resistant handle. Additional components include operation valves, accessories, and a flush pot.

Ratio	20:1 - standard mix ratio
Flow Rate - 5 Gallon	30 mL per cycle - 1.8 L per minute
Flow Rate - 55 Gallon	141 mL per cycle - 8.4 L per minute
Static Mixer Options	10" standard - 30" optional

