

Model 83167

Includes transparent reservoir, spring-loaded follower, vent valve assembly and filler fitting for refilling of reservoir with 81834 filler pump or other manual pump equipped with Model 645006 coupler.

Lubricant / Air Ratio		40:1
Output Min. @ 100 psig Air		12 cu. in. (197cc)
Air Inlet		1/8 in. NPTF(F)
Lube Outlet		3/4 in. NPTF(F)
Filling Method		81834 Filler pump
Typical System	Min.	1200 psig (82 bar)
Operating Pressure	Max.	3500 psig (241 bar)
Reservoir Capacity		12 lb. (5.44 kg) / 360 cu. in. (5900 cc)
Dimensions (LxWxH)		22-1/2" x 9" x 16-1/4" (572 x 229 x 413 mm)
Reservoir		Translucent Acrylic



Notes: Pump requires 3-way air valve. Air consumption @100 psi is .15 CFM per cycle.

Model 83599

Same as Model 83167 except includes base mounting kit and metal reservoir with indicator rod for visual check of grease level. Reservoir includes spring-loaded follower.

Lubricant / Air Ratio		40:1
Output Min. @ 100 psig Air		12 cu. in. (197cc)
Air Inlet		1/8 in. NPTF(F)
Lube Outlet		3/4 in. NPTF(F)
Filling Method		81834 Filler pump
Typical System	Min.	1200 psig (82 bar)
Operating Pressure	Max.	3500 psig (241 bar)
Reservoir Capacity		12 lb. (5.44 kg) / 360 cu. in. (5900 cc)
Dimensions (LxWxH)		24-3/8" x 9" x 18-3/16" (619 x 229 x 462 mm)
Reservoir		Aluminum



Notes: Pump requires 3-way air valve. Air consumption @100 psi is .15 CFM per cycle.

Model 1823

Includes 2-1/2 in. air motor driven pump, vent valve assembly, pump elevator, connecting lubricant and air hoses, and control panel.

Lubricant / Air Ratio		50:1
Output Min. @ 100 psig Air		30 cu. in. (492 cc)
Air Inlet		3/8 in. NPTF(F)
Lube Outlet		3/4 in. NPTF(F)
Drum Size		U.S. standard 120 lb. refinery drum
Typical System	Min.	1200 psig (82 bar)
Operating Pressure	Max.	3500 psig (241 bar)
Components Included	Pump & Vent Assembly	282288
	Controller	85209
	Pump Elevator	83447
Controller Electrical Requirements		120V, 60 Hz, 110V, 50 Hz



Notes: Air consumption @100 psi is .42 CFM per cycle. Model 83371 follower plate is available as an optional accessory.

Model 1827 Heavy-Duty Unit

Consists of PowerMaster pump, vent valve assembly with air and lubricant connecting hoses, drum cover and control panel.

Lubricant / Air Ratio		75:1
Output Min. @ 100 psig Air		161 cu. in. (2638 cc)
Air Inlet		3/8 in. NPTF(F)
Lube Outlet		3/4 in. NPTF(F)
Drum Size		U.S. standard 400 lb. refinery drum
Typical System	Min.	1200 psig (82 bar)
Operating Pressure	Max.	3500 psig (241 bar)
Components Included	Basic Pump	2004
	Vent Valve	85215
	Controller	85209
	Drum Cover	81675
Controller Electrical Requirements		120V, 60 Hz, 110V, 50 Hz