



## 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.

<b>Model:</b>		83167
<b>Lubricant/Air Ratio:</b>		40:1
<b>Output/Min @ 100 PSIG Air:</b>		12 cu. in. 197 cc
<b>Reservoir Capacity:</b>		12 lb. / 5.44 kg / 360 cu. in. / 5900 cc
<b>Air Inlet:</b>		1/8" NPTF (F)
<b>Lube Outlet:</b>		1/8" NPTF (F)
<b>Typical System Operating Pressure:</b>	<b>Min.</b>	1200 psig / 82 bar
	<b>Max</b>	3500 psig / 241 bar
<b>Dimensions (HxWxL):</b>		22 1/2" x 9" x 16 1/4" 572 x 229 x 413 mm
<b>Filling Method:</b>		81834 Filler Pump
<b>Reservoir:</b>		Translucent Acrylic

Notes: 1. Pump requires 3-way air valve. 2. 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 springloaded follower.

<b>Model:</b>		83599
<b>Lubricant/Air Ratio:</b>		40:1
<b>Output/Min @ 100 PSIG Air:</b>		12 cu. in. / 197 cc
<b>Reservoir Capacity:</b>		12 lb. / 5.44 kg 360 cu. in. / 5900 cc
<b>Air Inlet:</b>		1/4" NPTF (F)
<b>Lube Outlet:</b>		3/4" NPTF (F)
<b>Typical System Operating Pressure:</b>	<b>Min.</b>	1200 psig 82 bar
	<b>Max.</b>	3500 psig 241 bar
<b>Dimensions (HxWxL):</b>		24 3/8" x 9" x 18 3/16" 619 x 229 x 462 mm
<b>Filling Method:</b>		81834 Filler Pump
<b>Reservoir:</b>		Aluminum

Notes: 1. Pump requires 3-way air valve. 2. Air consumption @ 100 psi is .15 CFM per cycle

# Centro-Matic® Automated Lubrication Systems Air-Operated (Reciprocating) Grease Pumps



## Model 1823

Includes 2½" air motor driven pump, vent valve assembly, pump elevator, connecting lubricant and air hoses, and control panel.



<b>Model:</b>	1823	
<b>Lubricant/Air Ratio:</b>	50:1	
<b>Output/Min @ 100 PSIG Air:</b>	30 cu. in. / 492 cc	
<b>Drum Size:</b>	U.S. standard 120 lb. refinery drum	
<b>Air Inlet:</b>	¾" NPTF (F)	
<b>Lube Outlet:</b>	¾" NPTF (F)	
<b>Typical System Operating Pressure:</b>	<b>Min.</b>	1200 psig / 82 bar
	<b>Max.</b>	3500 psig / 241 bar
<b>Components included:</b>	Pump & Vent Assembly 282288 Controller 85209 Pump Elevator 83447	
<b>Controller Electrical Requirements:</b>	120V, 60 Hz., 110 V, 50hz	

Notes: 1. Air consumption @ 100 psi is .42 CFM per cycle.  
2. Model 83371 follower plate is available as an optional accessory.

## Model 282288

Same specifications as Model 1823 but does not include elevator or controller.

## Model 1827 Heavy-Duty Unit

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



<b>Model:</b>	1827	
<b>Lubricant/Air Ratio:</b>	75:1	
<b>Output/Min @ 100 PSIG Air:</b>	161 cu. in. / 2638 cc	
<b>Drum Size:</b>	U.S. standard 400 lb. refinery drum	
<b>Air Inlet:</b>	¾" NPTF (F)	
<b>Lube Outlet:</b>	¾" NPTF (F)	
<b>Typical System Operating Pressure:</b>	<b>Min.</b>	1200 psig / 82 bar
	<b>Max.</b>	3500 psig / 241 bar
<b>Components included:</b>	Basic Pump 2004 Vent Valve 85215 Controller 85209 Drum Cover 81675	

## Model 1828

Same as Model 1827 except includes Model 2008 pump, 85218 vent valve and Model 84034 drum cover sized for U.S. standard 120 lb. refinery drum. Includes 85209 controller.

## Model 1829

Same as Model 1827 except includes Model 2010 pump (50:1 ratio, 231 cu.in./ min. (3785 cc) delivery at 100 psig air). Fits U.S. standard 400 lb. refinery drum. Includes 85209 controller and 85215 vent valve.