

Grease Pumps

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### Heavy-Duty Grease Transfer Pump

Grease transfer pump for unloading 400 lb drums. Shovel intake design for effective priming even with high viscosity grease.

Pump are available with tube length to fit commercial 400 lb drums. They can be flange cover mounted to 400 lb open drums.

#### 4 1/2" air motor

Mechanically actuated air valve with only three moving parts and no springs. Large effective area for maximum pumping power

#### Efficient air exhaust

No ice forming, no stalling pump operation

#### Long life packings

Anti-corrosion, hardened plunger and cartridge packings assembly designed for low friction.

#### High quality materials

Low friction polyurethane seals, hard chromed steel fluid plunger and steel valves for fewer repairs

#### Ductile iron pump body

For superior properties

#### Pump Inlet Valve

Chop-check priming valve, assists the entry of heavy and sticky grease

### TECHNICAL SPECIFICATIONS

Pump ratio	10:1
Air pressure operating range	30 - 100 psi (2 - 7 bar)
Maximum fluid outlet pressure	1,000 psi (70 bar)
Air motor diameter	4.5" (115 mm)
Air motor stroke	4" (100 mm)
Delivery at 80 cpm <sup>(1)</sup>	20 lb/min (9 kg/min)
Maximum free flow delivery	75 lb/min (100 psi)
Air inlet	1/2" NPT(F)
Fluid outlet	1" NPT(F)
Wetted materials	Cast Iron / Hard chromed steel / Carbon steel / Zinc Plated steel / NBR / PTFE / Polyurethane / POM
Manual	853 868

<sup>(1)</sup> Delivery at 60 cycles per minute.

### ORDER INFORMATION

**531 011** | PM45 10:1 400 lb drum, flange mounted

**Hose Kit** High pressure hose connection kit for PumpMaster 45 10:1



#### 539 009

LP Hose 1/2" x 5'	823
HP Hose 1" x 5'	863
Quick Air Coupler 1/2" NPT(F)	947F08
Quick Air Nipple 1" (M)	946M08

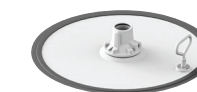
### Drum Cover



**418 026**

400 lb Heavy-duty drum cover  
PM45/60

### Follower Plate



**417 009**

400 lb Heavy-duty follower plate  
PM45/60

### MARKETS SERVED

- Mining and construction
- Lube trucks
- Railroad and mass transit
- Marine
- Industrial

### FLUIDS HANDLED

- Grease up to NLGI-2

