

# OIL PUMPS: PUMPMASTER 35 – 5:1



## Medium Pressure Heavy-Duty Pump

Double-acting, air-operated, medium pressure, heavy-duty oil pumps for dispensing lubricants in medium to large size installations, which may include simultaneous dispense points. Pumps include a height adjustable 2" bung adaptor for drum and tank mounting. Built in port for optional pressure relief valve (609 007).

### 3 1/4" Air motor

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

### Efficient internal air exhaust

Prevents icing, which can stall pump operation

### Double acting pump

Provides even and smooth fluid flow

### Long life packings

Dual packing seals provide trouble-free operation

### Built-in port for connecting a pressure relief valve

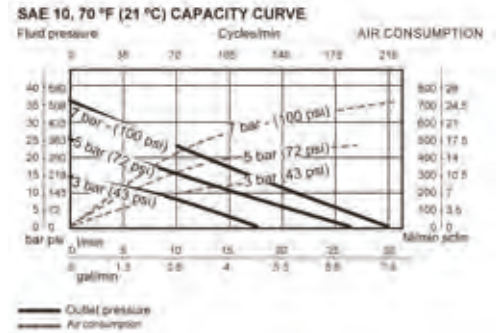
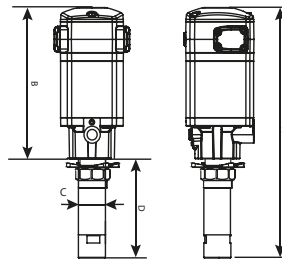
Positive relief of overpressure caused by oil thermal expansion using an optional, inexpensive, pressure relief valve (609 007)

**MARKETS SERVED**

- Auto and truck dealers
- Fleet service facilities
- Mining and construction
- Lube trucks
- Railroad and mass transit
- Marine
- Industrial

**FLUIDS HANDLED**

- Synthetic and mineral based oil
- Hydraulic oil
- Gear lube
- Transmission fluid



IN(MM)	535 531	535 581	535 511
A	18 1/2" (469)	18 1/2" (469)	47" (1,194)
B	10 1/2" (269)	10 1/2" (269)	10 1/2" (269)
C	2" (50)	2" (50)	2" (50)
D	8" (200)	8" (200)	36 1/2" (925)

## TECHNICAL SPECIFICATIONS

Pump ratio	5:1
Air pressure operating range	30 to 175 psi (2 to 12 bar)
Air consumption <sup>(1)</sup>	12.4 scfm (350 NI/min)
Maximum fluid outlet pressure	875 psi (60 bar)
Air motor effective diameter	3.25" (80 mm)
Air motor stroke	3.15" (80 mm)
Delivery at 80 cpm	3.2 gal/min (12 l/min)
Maximum free flow delivery	8 gal/min (30 l/min)
Air inlet	3/8" NPT(F)
Fluid inlet	1 1/2" NPT(F)
Fluid outlet	1/2" NPT(F)
Wetted and seal materials	Hard chromed steel / Steel / Polyurethane / NBR / Aluminum
Noise level	Pump noise level meets OSHA requirements at all recommended operating air pressures
Manual	853 826


(1) Maximum air consumption with 72 psi (5 bar) air inlet pressure and 80 cpm.

## ORDER INFORMATION


<b>535 531</b>	PM35 5:1 Universal stub pump w/ bung adaptor
<b>535 581</b>	PM35 5:1 Universal stub pump
<b>535 511</b>	PM35 5:1 55 gal drum & bench tank

Choose the down tube to match your container size from the selection below

### Hose Kit Medium Pressure Hose Connection Kit for PumpMaster 35 5:1

<b>916 5' Hose Kit</b>		<b>539 805 2.5' Hose Wall Mount Kit</b>		
	LP Hose 3/8" x 5'	813	LP Hose 3/8" x 5'	812
	MP Hose 1/2" x 5'	846	MP Hose 1/2" x 5'	845
	Air Coupler 3/8" NPT(F)	930F06	Swivel 90° 3/8" (F) x 3/8" (M)	1978
	Air Nipple 3/8" NPT(M)	933M06	Swivel 90° 1/2" (F) x 1/2" (M)	1981
			Air Coupler 3/8" NPT(F)	930F06
			Air Nipple 3/8" NPT(M)	933M06

### Down Tubes Choose the down tube to match your container size for PumpMaster 35 5:1

	<b>910 420</b>	1 1/2" NPT(M) X 14" - 30°	16 Gallon Drum
	<b>910 421</b>	1 1/2" NPT(M) X 26" - 30°	55 Gallon Drum
	<b>910 422</b>	1 1/2" NPT(M) X 32" - 30°	275 Gallon Tote
	<b>910 423</b>	1 1/2" NPT(M) X 60" - 30°	330 Gallon Tank