



# RAM PUMP



**:: Rugged Performance**





# RAM PUMP

The Alemite RAM pump is rugged enough to withstand even the most extreme conditions and handle your most challenging oil and grease applications with ease. The RAM pump sets the standard for pump durability and is faster, quieter and more efficient than ever before. Commonly used for vehicle maintenance in lube centers and automotive dealerships, as well as in manufacturing, construction and mining, this pump brings together details that make the difference in performance every day.

**With Alemite's wide range of pumps, you're sure to find one to meet almost any fluid transfer or dispensing application.**

## **RUGGED PERFORMANCE**

The Ram pump is capable of pumping at rates up to 16 gallons per minute. A 5-quart oil change can be completed in less than 30 seconds. The pump even resist the effects of freezing.

## **QUIET**

An internal muffler and an innovative air flow design means that RAM pumps are below OSHA noise requirements (85 dB).

## **EASY TO USE**

The RAM pump is designed to run with or without a lubricator. Additionally, the orientation of the material outlet and the air inlet can both be easily adjusted 360 degrees.

## **LOW START-UP PRESSURE**

Since the RAM pump is designed to reduce line pulsation and allow lower operating air pressure, you won't need to worry about splash when filling a container with the use of a dispensing device.

## **EASY IN-LINE MAINTENACE**

The cost effective RAM pump facilitates in-line service. The air motor and spool valve are easily accessible without removing the downtube.



## RAM High Pressure Portable Grease Pumps

These air powered mobile units feature the exclusive Alemite RAM air motor for quiet operation and quick serviceability. Models include cover mounted pump, follower, 7' delivery hose, Z-swivel, control handle. All models include a built-in control handle holder on the cover. All models have a 3" diameter air motor. Air inlet is 1/4" female pipe thread. Material outlet is 3/8" female. Drum not included.



| Part Number | Drum Size | Pump Ratio | Approx. Del/Min # | Adapter | Mat'l Hose | Follower® | Z-Swivel | Control Handle | Cover     | Dolly  | Ship Wt. |
|-------------|-----------|------------|-------------------|---------|------------|-----------|----------|----------------|-----------|--------|----------|
| 9911-1+     | 35 lbs.   | 50:1       | 4.5 lbs           | —       | —          | —         | —        | —              | —         | —      | 15 lbs.  |
| 9911-A1     | See Note  | 50:1       | 4.5 lbs           | 44734   | 317875-7   | ▲         | B52752   | 6320-3         | 323496-A4 | 393629 | 68 lbs.  |
| 9911-C1^    | 35 lbs.   | 50:1       | 4.5 lbs           | —       | 317875-7   | 337665    | —        | —              | 338166    | —      | 22 lbs.  |
| 9911-H1**   | 35 lbs.   | 50:1       | 4.5 lbs           | 44734   | 317875-7   | 337665    | B52752   | 6320-3         | 338166    | —      | 29 lbs.  |
| 9911-J**    | 35 lbs.   | 50:1       | 4.5 lbs           | 44734   | 317875-7   | 337665    | B52752   | 6320-3         | 338166    | —      | 29 lbs.  |
| 9911-R1*    | —         | 50:1       | 4.5 lbs           | —       | —          | —         | —        | —              | —         | —      | 17 lbs.  |
| 9911-Z1     | 35 lbs.   | 50:1       | 4.5 lbs           | 44734   | 317875-7   | 317875-7  | B52752   | 6320-3         | 338166    | 338958 | 50 lbs.  |

@ Follower is flexible - works with straight or tapered drum.

# Double acting delivery. Free delivery NLGI #2 at 77°F, 150 psi air pressure.

+ Complete replacement pump and downtube for model 9911-C1, 9911-H1 & 9911-Z1. Order for replacement only

^ 9911-C1 is part number 9911-H1 with only the pump, cover, follower & hose.

\* 9911-R1 is the replacement pump for the 9911-A1. It is the pump only.

\*\* Includes a carry handle.

▲ 337665 is for use with a 35 lb. container. 338802 is used with a 70 lb. container.

Note: Model 9911-A1 & 9911-B1 will hold 70 lbs. bulk grease or 35 lbs. original refinery pail.

| Part Number | Drum Size | Pump Ratio | Approx. Del/Min # | Adapter | Mat'l Hose | Follower® | Z-Swivel | Control Handle | Cover  | Dolly    | Ship Wt. |
|-------------|-----------|------------|-------------------|---------|------------|-----------|----------|----------------|--------|----------|----------|
| 9941        | 120 lbs.  | 70:1       | 3.25 lbs          | 44734   | 317875-7   | 338802    | B52752   | 6320-3         | 338371 | 316315-5 | 54 lbs.  |
| 9951-1      | 120 lbs.  | 50:1       | 4.5 lbs           | 44734   | 317875-7   | 338802    | B52752   | 6320-3         | 338371 | 316315-5 | 50 lbs.  |
| 9951-T1     | 120 lbs.  | 50:1       | 4.5 lbs           | 44734   | 317875-7   | 338802    | B52752   | 6320-3         | 338371 | 338958   | 57 lbs.  |
| 9951-S1     | 120 lbs.  | 50:1       | 4.5 lbs           | 44734   | 317875-7   | 338802    | B52752   | 6320-3         | 338371 | —        | 37 lbs.  |

@ Follower is flexible - works with straight or tapered drum.

# Double acting delivery. Free delivery NLGI #2 at 77°F, 150 psi air pressure.

## RAM High Pressure Stationary Grease Pumps

These pumps feature the exclusive Alemite RAM air motor for quiet operation and quick serviceability. Recommended for piped installations of moderate length. Easily handles fibrous multipurpose chassis lubricants. Air motor is 3" diameter. Air inlet is 1/4" female pipe thread. Material outlet is 3/8" female.

**Bold indicates that it is included with the Part Number**

| Part Number | Drum Size | Pump Ratio | Approx. Del/Min # | Air Hose | Mat'l Hose | Follower®     | Cover         | Union  | Ship Wt. |
|-------------|-----------|------------|-------------------|----------|------------|---------------|---------------|--------|----------|
| 9940        | 120 lbs.  | 70:1       | 3.25 lbs.         | 317803-3 | —          | 338802        | 338371        | 321155 | 28 lbs.  |
| 9949        | 400 lbs.  | 70:1       | 3.25 lbs.         | 317803-3 | —          | 338911        | 338163        | 321155 | 32 lbs.  |
| 9950-1      | 120 lbs.  | 50:1       | 4.50 lbs.         | 317803-3 | —          | 338802        | 338371        | 321155 | 19 lbs.  |
| 9950-A1     | 120 lbs.  | 50:1       | 4.50 lbs.         | 317803-3 | —          | <b>338802</b> | <b>338371</b> | 321155 | 32 lbs.  |
| 9979        | 400 lbs.  | 50:1       | 4.50 lbs.         | 317803-3 | —          | 338911        | 338163        | 321155 | 25 lbs.  |
| 9979-A      | 400 lbs.  | 50:1       | 4.50 lbs.         | 317803-3 | —          | <b>338911</b> | <b>338163</b> | 321155 | 49 lbs.  |



## RAM High Pressure Portable Grease Pumps (For Metric Containers)

These models are powered by a RAM air motor with various pump tube lengths to suit metric drums. Drum dimensions vary by manufacturer. Contact Alemite for specific follower and cover dimensions. The drum cover, follower and 2" bung adapter should be ordered separately. All models have a 3" diameter air motor. Air inlet is 1/4" female pipe thread. Material outlet is 3/8" female. Drum not included.

| Part Number | Drum Size* Kg. (Lbs.) | Pump Ratio | Approx. Del/Min # | Down Tube Length mm (inches) | Follower® | Cover  | Ship Wt. | Bung Adapter |
|-------------|-----------------------|------------|-------------------|------------------------------|-----------|--------|----------|--------------|
| 9950-C1     | 20 (N/A)              | 50:1       | 2.04 kg.          | 483 (19)                     | 338992    | 338982 | 18 lbs.  | 326750       |
| 9950-1      | 50 (120)              | 50:1       | 2.04 kg.          | 705 (27-3/4)                 | 338993    | 338983 | 19 lbs.  | 326750       |
| 9950-D1     | 180 (400)             | 50:1       | 2.04 kg.          | 941 (37-1/6)                 | 338911    | 338984 | 23 lbs.  | 326750       |
| 9979        | 180 (400)             | 50:1       | 2.04 kg.          | 870 (34-1/4)                 | 338911    | 338984 | 25 lbs.  | 326750       |



# Double acting delivery. Free delivery NLGI #2 at 77°F, 150 psi air pressure.

\* Drum dimensions vary by manufacturer. Contact Alemite for specific follower and cover dimensions.



## RAM Medium Pressure Stationary Oil/Fluid Pumps

These pumps feature the exclusive Alemite RAM air motor for quiet operation and quick serviceability. Recommended for piped installations of short to moderate length. Easily handles fluids up to SAE 140. Pump includes a 2" bung adapter for drum or tank mounting (appropriate down tube must be added for drum or tank mounting - see down tube selection chart). Pump will also mount directly to 1-1/2" suction pipe (1" for model 9970) to remote tank. Air motor is 3" diameter. Air inlet is 1/4" NPTF(f).



**Bold indicates that it is included with the Part Number**

| Part Number | Drum Size | Pump Ratio | Approx. Del/Min # | Material Inlet | Material Outlet | Bung Adapter     | Cover         | Ship Wt. |
|-------------|-----------|------------|-------------------|----------------|-----------------|------------------|---------------|----------|
| 9916-A1     | Stub*     | 1:1        | 16 gpm            | 1-1/2" NPTF(f) | 1/2" NPTF(f)    | Integral         | —             | 17 lbs.  |
| 9918-A      | Stub*     | 3:1        | 9 gpm             | 1-1/2" NPTF(f) | 1/2" NPTF(f)    | Integral         | —             | 17 lbs.  |
| 9960        | 16 gal.   | 5:1        | 7 gpm             | 1-1/2" NPTF(f) | 1/2" NPTF(f)    | <b>326750-B1</b> | —             | 18 lbs.  |
| 9960-A      | 16 gal.   | 5:1        | 7 gpm             | 1-1/2" NPTF(f) | 1/2" NPTF(f)    | —                | <b>338145</b> | 17 lbs.  |
| 9968        | Stub*     | 5:1        | 7 gpm             | 1-1/2" NPTF(f) | 1/2" NPTF(f)    | <b>326750-B1</b> | —             | 14 lbs.  |
| 9968-A      | Stub*     | 5:1        | 7 gpm             | 1-1/2" NPTF(f) | 1/2" NPTF(f)    | —                | —             | 13 lbs.  |
| 9969-B      | 55 gal.   | 5:1        | 7 gpm             | 1-1/2" NPTF(f) | 1/2" NPTF(f)    | <b>326750-B1</b> | 338163        | 18 lbs.  |
| 9970        | Stub*     | 10:1       | 3.5 gpm           | 1" NPTF(f)     | 3/8" NPTF(f)    | <b>326750-B1</b> | —             | 119 lbs. |

\* Appropriate downtube should be added.

# Approximate delivery per minute free flow.

## RAM Medium Pressure Portable Oil/Fluid Pump

This air powered mobile gear oil pump features the exclusive Alemite RAM air motor for quiet operation and quick serviceability. Pump delivers up to 4 gallons of SAE 140-gear lube per minute at 150-psi air pressure. Models include cover mounted pump, 5-1/2' delivery hose, totalizing electronic meter, control handle, and rugged steel dolly. The cover has a built-in control handle holder to keep hose and handle off floor. Pump air motor is 3" diameter. Air inlet is 1/4" NPTF(f) female pipe thread. Drum not included.



| Model Number | Drum Size | Pump Ratio | Approx. Del/Min # | Mat'l Hose | Cover Number | Meter Number | Control Handle | Dolly    | Ship Wt. |
|--------------|-----------|------------|-------------------|------------|--------------|--------------|----------------|----------|----------|
| 9961-1       | 16 gal    | 5:1        | 4 gal             | 317813-5F  | 338145       | 3679         | 7492           | 316315-5 | 40 lbs.  |

## RAM Medium Pressure Special Application Oil/Fluid Pump

### Alemite Transfer Pump

This medium pressure pump is designed for both high volume transfer and dispensing a variety of low viscosity fluids. The model 9920 RAM pump will pump abrasive fluids such as used oil.

| Model Number | Drum Size | Pump Ratio | Approx. Del/Min # |
|--------------|-----------|------------|-------------------|
| 9920         | Used Oil  | 1:1        | 20 gpm            |



# RAM PUMPS

## FEATURES:

- Rugged
- Quiet Operation
- Simple Air Motor design
- Hassle-free in-line maintenance
- Innovative air flow design
- Easy To Use
- Cost Effective
- Fast Delivery



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