



# Pumps

## Pneumatic RAM Pumps (Stationary)

Alemite Stationary RAM Pumps provide quiet operation and quick serviceability. Capable of transferring grease at a rate of 4.5 lb. per minute, these double-acting pumps are designed to reduce line pulsation and allow lower operating pressure. Ideal for piped installations of moderate length.



### FEATURES:

- Air inlet: 1/4" NPTF(f)
- Material outlet: 3/8" NPTF(f)
- Air motor diameter: 3"
- Metric RAM pumps meet European standards (CE)
- Recommended for piped installations of up to 150 ft.

### SPECIFICATIONS:

- Internal muffler and an innovative airflow design help Alemite RAM Pumps meet OSHA noise requirements (85 dB)
- Orientation of material outlet and air inlet can be easily adjusted 360°
- Pumps are easy to use and designed to operate with or without a lubricator
- Air motor and spool valve are easily accessible without removing the downtube
- Flexible follower works with straight and tapered containers

### Recommended Accessories

Product #	Drum Size	Delivery	Weight	Recommended Accessories	
				Follower	Cover
<b>70:1 Ratio</b>					
9940	120 lb.	3.25 lb./min	28 lb.	338802	338371
9949	400 lb.	3.25 lb./min	32 lb.	338911	338163
<b>50:1 Ratio</b>					
9950-I	120 lb.	4.5 lb./min	19 lb.	338802	338371
9950-AI	120 lb.	4.5 lb./min	32 lb.	Included: 338802	Included: 338371
9979	400 lb.	4.5 lb./min	25 lb.	338911	338163
9979-A	400 lb.	4.5 lb./min	49 lb.	Included: 338911	Included: 338163
9950-BI	12.5 kg (35 lb.)	2.04 kg/min	16 lb.	338991	338981
9950-CI	20 kg	2.04 kg/min	18 lb.	338992	338982
9950-I	50 kg (120 lb.)	2.04 kg/min	19 lb.	338802	338371
9950-DI	180 kg (400 lb.)	2.04 kg/min	23 lb.	338911	338984
9979-M	180 kg (400 lb.)	2.0 kg/min	25 lb.	Included: 338911	Included: 338984
9930*	Bulk	4.5 lb./min	16 lb.	Not required	Not required

### IMPORTANT INFORMATION

\* Bulk Tote Tank pump designed for horizontal mounting and space constraints

NOTE: Delivery based on NLGI #2 at 77°F, 150 psi. Delivery rate may vary based on grease type, temperature, pressure, distance pumped and other conditions.

# Pumps

## Pneumatic RAM Pumps (Portable)

Alemite Mobile RAM Grease Pumps offer portability, quiet operation and quick serviceability. Most models come equipped with all necessary accessories for fast and easy setup.



### FEATURES:

- Air inlet: 1/4" NPTF(f)
- Material outlet: 3/8" NPTF(f)
- Air motor diameter: 3"
- Pumps are 50:1 ratio, except 9941 is 70:1 ratio
- Flexible followers work with straight and tapered containers

### INCLUDED ITEMS:

- Control Valve (6320-3)
- 7' Material Hose (317875-7)
- Z-Swivel (B52752)

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### Included items (unless noted)

Product #	Drum Size	Delivery	Cover	Follower	Dolly	Other	Weight	Bare Pump
9911-AI	see note*	4.5 lb/min	323496-A4	see note*	393629	N/A	68 lb.	9911-RI
9911-J	35 lb	4.5 lb/min	338166	337665	No	Built-in carrying handle	29 lb.	9950-CI
9911-ZI	35 lb	4.5 lb/min	338166	337665	338958	N/A	50 lb.	9911-I
9941	120 lb	3.25 lb/min	338371	338802	316315-5	N/A	54 lb.	9940
9951-I	120 lb	4.5 lb/min	338371	338802	316315-5	Built-in holster for hose and handle	50 lb.	9950-I
9951-SI	120 lb	4.5 lb/min	338371	338802	N/A	Built-in holster for hose and handle	37 lb.	9950
9951-TI	120 lb	4.5 lb/min	338371	338802	338958	Built-in holster for hose and handle	57 lb.	9950-I
9911-HAI	12.5 kg	2.04 kg/min	338981	338991	Order separately 338958	Built-in carrying handle	31 lb.	N/A
9911-HBI	20 kg	2.04 kg/min	338982	338992	Order separately 338958	N/A	37 lb.	N/A
9911-HCI	50 kg (120 lb)	2.04 kg/min	338983	338993	Order separately 338958	N/A	42 lb.	N/A
9911-BI	120 lb	4.5 lb/min	323496-A4	N/A	N/A	N/A	36 lb.	9911-RI
9911-CI	35 lb	4.5 lb/min	Included: 338166	337665	N/A	N/A	21 lb.	9911-I

### IMPORTANT INFORMATION

\* 9911-AI will hold 70 lb. bulk grease or 35 lb. original refinery pail. Use follower (338802) with 70 lb. bulk grease and follower (337665) with 35 lb. refinery pail.

NOTE: Delivery based on NLGI #2 at 77°F, 150 psi. Delivery rate may vary based on grease type, temperature, pressure, distance pumped and other conditions.



# Pumps

## Pneumatic Standard Duty (Stationary)

Alemite H- and Super H-Pumps are designed for intermittent use in medium- and high-pressure industrial applications. Double-acting H-Pumps easily handle lightweight as well as fibrous lubricants. Downtubes are available in various lengths to match container size requirements.



### SPECIFICATIONS:

- Air inlet: 1/4" NPTF(f)
- Material outlet: 3/8" NPTF(f)

### FEATURES:

- Recommended for piped installations of moderate length
- Double-toggle balances pressure on air valve trip mechanism to prevent binding or stalling
- Dynamic primer ensures handling of light to heavy multi-purpose greases
- Flexible follower works with straight and tapered containers
- Corrosion-resistant hardened finish on piston rods alleviates packing wear
- Center-flow, micro-lapped high-pressure air valve lasts indefinitely
- Self-aligning, heavy acme threads provide safely-locked linkage

### INCLUDED ITEMS:

- 8540 series pumps are equipped with Pressurtrol (319800-1), designed to limit air supply to the pump when pressures reach a designated level (factory set at 7,500 psi)
- Models 8549-B1 and 8559-B feature an Air Connector, Quick Detach Air Coupler and a Bung Adapter

Product #	Container Size	Follower	Cover	Weight	Bare Pump
<b>70:1 Ratio. Super H-series pumps feature a 3" diameter air motor. Maximum operating pressure: 100 psi (6.9 bar) Maximum delivery pressure: 7,000 psi (483 bar); Delivery 2.25 lb./min. (1 kg./min.)</b>					
8549-C	400 lb. (180 kg)	338911	318040-4	35 lb.	331378-B1
8549-B1	400 lb. (180 kg)	338911	318040-4	35 lb.	331378-B1
8540-B	120 lb. (50 kg)	338802	338371	32 lb.	331378-A1
8540-A1	120 lb. (50 kg)	Included: 338802	Included: 338371	35 lb.	331378-A1
331378-E1	N/A (12.5 kg)*	338991	Included: 321085	29 lb.	N/A
331378-F1	N/A (12.5 kg)	338991	338981	30 lb.	N/A
331378-H1	N/A (20 kg)	338992	338982	31 lb.	N/A
<b>50:1 Ratio. H-series pumps feature a 2-7/16" diameter air motor. Maximum operating pressure: 150 psi (10 bar), Maximum delivery pressure: 7,500 psi (517 bar); Delivery 2.5 lb./min. (1.1 kg./min.)</b>					
8559-B	400 lb. (180 kg)	338911	318040-4	35 lb.	331380-B5
8550-A1	120 lb. (50 kg)	Included: 338802	Included: 338371	35 lb.	331380-A5
331380-E1	N/A (12.5 kg)	338991	338981	30 lb.	N/A
331380-M1	N/A (20 kg)	338992	338982	31 lb.	N/A
331380-N1	Special	N/A	Included: 321085	29 lb.	N/A

#### IMPORTANT INFORMATION

\* 12" (30 cm) downtube

NOTE: Delivery based on NLGI #1 @ 77°F, 150 psi. Delivery rate may vary based on grease type, temperature, pressure, distance pumped and other conditions.

# Pumps

## Pneumatic Standard Duty (Portable)

Alemite H- and Super H-Pumps are designed for intermittent use in medium- and high-pressure industrial applications where portability is a factor. Double-acting H-Pumps easily handle lightweight as well as fibrous lubricants. Downtubes are available in various lengths to match container size requirements.



Drum Not Included

### 8541-5

#### High-Pressure Portable H-Pump

Designed for high-pressure industrial and agricultural applications. Pump is packaged with all components necessary for mobile dispensing.

#### FEATURES:

- Air inlet: 1/4" NPTF(f)
- Material outlet: 3/8" NPTF(f)
- Air motor diameter: 3"
- Use with 120-lb. containers
- Pump ratio: 70:1
- Approximate delivery per minute: 2 lb.
- Unit has a built-in holster to keep the hose and handle off the floor
- Equipped with Pressurtrol (319800-1), designed to cut off air supply to the pump when pressure reaches designated level (factory set at 7,500 psi)
- Flexible follower works with straight containers

#### INCLUDED ITEMS:

- Cover (pump mounted in cover) (338371)
- Follower (338802)
- 7' Material Hose (317875-7)
- Z-Swivel (B52752)
- Control Handle (6320-3)
- Steel Dolly (316315-5) (comes assembled with durable casters)

### 8553-2

#### Medium-Pressure Portable H-Pump

Designed for medium-pressure industrial and agricultural applications. Pump is packaged with all components necessary for mobile dispensing.

#### FEATURES:

- Designed for heavy oils and light greases
- Use with 35-lb. pails
- Pump ratio: 26:1
- Approximate delivery per minute: 0.75 gal
- Comes equipped with convenient carrying handle
- Air inlet: 1/4" NPSI(f)
- Material outlet: 3/8" NPTF(f)
- Flexible follower works with straight and tapered containers

#### INCLUDED ITEMS:

- Cover (pump mounted in cover) (338166)
- 25' Material Hose (317875-25)
- Z-Swivel (B52752)
- Control Handle (6320-3)

#### RECOMMENDED ACCESSORIES:

- Flexible Follower (337665) p. 103

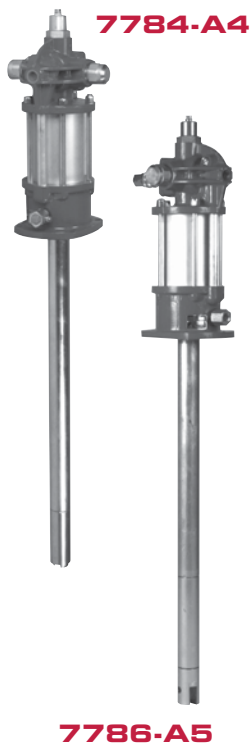




# Pumps

## Pneumatic Industrial Pumps (Stationary)

Built for continuous duty, Alemite Stationary Industrial Pumps can handle hard-to-pump fluids and viscous lubricants up to NLGI #3. These double-acting pumps are consistent, reliable and maintain pressure over long distances.



### SPECIFICATIONS:

- Standard air motor diameter: 4-1/4"
- 7795-A5, 7795-B5 and 7736 air motor diameter: 6"
- Air Inlet: 3/4" NPTF (3/4" BSP for metric pumps)
- Material Outlet: 1/2" NPTF (1/2" BSP for metric pumps)
- Operating pressures: 7784 and 7785 series: 200 psi; 7786 and 7795 series: 100 psi

### FEATURES:

- Recommended for pumping distances over 100'
- 7784-A4 is specially designed for use with heavy gear oil and lubricants up to NLGI #1
- Tote tank pumps designed for horizontal mounting and space constraints

### INCLUDED ITEMS:

- Air Connector
- Quick-Detach Air Coupler
- Tote Tank Pumps also include Male 3" Cam Lock Adapter for mounting pump to bulk grease container

### RECOMMENDED ACCESSORIES:

- Union (all models except bulk) (321155)
- Bung Adapter (all models) (326750-B1) p.104
- Air Hose (317811-5) p.141

### Required Accessories

Product #	Drum Size	Pump Ratio	Delivery	Follower (flexible)	Cover	Muffler	Material Hose	Weight
7784-A4	400 lb.	25:1	32 lb./min	338912	323847-4	324170	317882-7	76 lb.
7785-A5	400 lb.	40:1	22 lb./min	338912	323847-4	324170	317882-7	77 lb.
7785-B5	120 lb.	40:1	22 lb./min	338804	323800-4	324170	317882-7	72 lb.
7786-A5	400 lb.	75:1	12 lb./min	338912	323847-4	324170	317882-7	75 lb.
7786-C	120 lb.	75:1	12 lb./min	338804	323800-4	324170	317882-7	75 lb.
7795-A5	400 lb.	80:1	13 lb./min	338912	323847-4	324170	317882-7	90 lb.
7795-B5	120 lb.	80:1	13 lb./min	338804	323800-4	324170	317882-7	84 lb.
7735*	Bulk	10:1	73 lb./min	N/A	N/A	324170	317856-5F	57 lb.
7736*	Bulk	11:1	86 lb./min	N/A	N/A	324170	317856-5F	57 lb.
7730*	Bulk	75:1	12.5 lb./min	N/A	N/A	324170	317876-5	64 lb.
7785-MA	180 kg.	40:1	25 lb./min	338912	323847-4	324170	317882-7	77 lb.
7786-MA**	180 kg.	75:1	12.5 lb./min	338912	323847-4	324170	317882-7	77 lb.
7795-MA**	180 kg.	80:1	13 lb./min	338912	323847-4	324170	317882-7	77 lb.

### IMPORTANT INFORMATION

\* Denotes Tote Tank

\*\* Denotes BSP threads

NOTE: Delivery based on NLGI #2 at 77°F @ maximum recommended air pressure. Delivery rate may vary based on grease type, temperature, pressure, distance pumped and other conditions.

# Pumps

## Electric Grease Pumps (Portable)

Alemite's Electric Grease Pump – “Rockcrusher” – is designed for heavy-duty industrial and mining applications. Ideal for when compressed air or hydraulic service is not available.



### 7175-R4

#### Electric Grease Pump

##### FEATURES:

- Delivery: 14 oz. per minute NLGI #1 grease (70°F)
- 115V, 50/60 Hz 3/4 HP motor
- 25' three-wire electric cable
- 40-lb. grease capacity
- Maximum pressure: 5,000 psi (built-in switch shuts off motor)
- Recommended for use with 25' of hose or less
- Helix arm assembly provides positive feed for thick lubricants at low temperatures
- No follower plate required

##### INCLUDED ITEMS:

- 10' Hose (317878-10)
- Z-Swivel (B52752)
- Control Valve (6320-3)

#### IMPORTANT INFORMATION

NOTE: For Electric Transfer Pumps, see page 95.