

## Model 11410

5 Gallon • 35-50 lb. • 100:1 Ratio • 10,000 psi Rated

This DUALCO Air Operated Pump is needed for high-pressure applications. Benefits include operating ease and smooth efficiency. This pump is rugged, long lasting, and precision manufactured. The pump's strong spring and follower plate assembly assures positive priming of all types of light or heavy materials in hot or cold weather to NLGI-4. Model 11410 comes as pictured, complete with a 10 ft., 3/8" I.D. high-pressure supply swivel hose with giant button head coupler (10850) outlet, self priming follower plate and spring, 15,000 psi liquid-filled gage, gage cover, and gage tee.

Model 11410 is an air-operated volume pump, mounted on a rubber-tired swing (tilt) dolly that keeps the lubricant container upright when in use. This portable pump can be used indoors or outdoors and transports easily up and down steps. This pump comes completely assembled and is ready for use after inserting material to be pumped into the Bucket Pump container.

This economical model features a 100:1 ratio pressure pump with sealed-in air motor. Maximum air inlet pressure of 150 psi may be used, but recommended inlet pressure of 100 to 150 psi gives an optimum operating range. Straight and "Z" swivels, a needle valve with an 18" discharge hose assembly with a giant button head coupler (10850 – for the hose assembly outlet connection) is included.

Model 11440 is the same as Model 11410, but with a pressure release coupler (10640) hose assembly outlet connection.

Both models accommodate either a 5-gallon or 6-gallon material container (35 lb. – 50 lb.). With an air inlet pressure of 150 psi, a delivery rate of approximately 15 oz./minute of NLGI-2 lubricant at 77° F (25° C) may be achieved, with a discharge pressure of 15,000 psi.

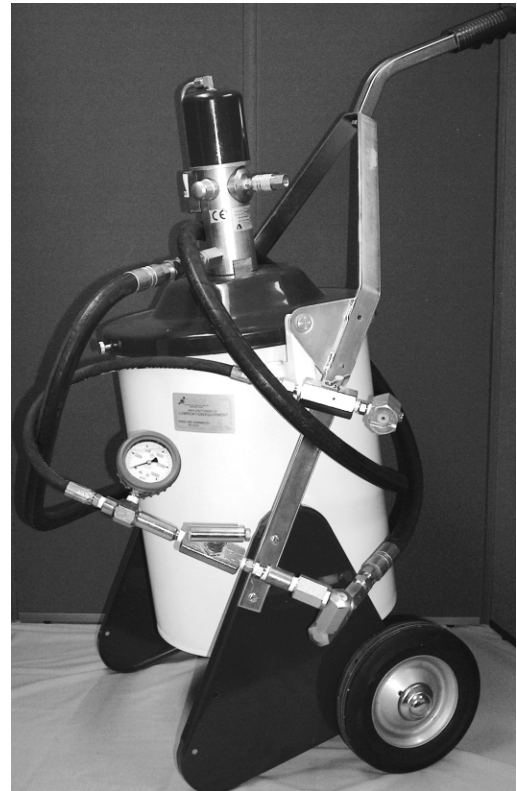
### Applications

- Pumping material into valves and pumps when high pressure, volume & portability are required.
- Pipelines conveying chemicals, crude/refined oil, natural gas, lpg, hydrocarbons & other fuels.
- Pumping & compressor stations, refineries & chemical plants.
- Steel mills, lumber & paper mills, gas & oil drilling / production fields, asphalt, rubber, water & sewage treatment plants, heavy equipment, manufacturing, mining, marine, industrial and municipal utilities.
- Well testing • Heavy Equipment & Manufacturing

### Features

- Safety devices include bleeder valve and secured lid.
- Superior pumping performance with lubricants, sealants, light packing, and cleaners.
- Easily refilled material container.
- Greater pressures are achievable with less effort than manual operated bucket pumps.
- Heavy duty, metal construction
- Ideal for long production
- Portable, easily serviceable and parts are available.

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■ Inquire regarding other available models including hose assembly and electronic flow meter options.


■ Optional pressure trolls or runaway valves are also available upon request.

■ For pumping stick material or heavy packing, contact Dualco for other equipment options.

### Specifications

Air Inlet	1/4" NPSI (f)
Material Outlet	3/8" NPT (f)
Maximum Operating Pressure	15,000 psi (1,034 Bar)
Optimum Operating Pressure	10,500 psi (724 Bar)
Piston Diameter x Stroke	2.438 x 1.625" (6.2 x 4.1 cm)
Measurements (Unit Only)	41 x 24" (104 x 61 cm)
Approximate Net Weight (Empty)	82 pounds (37.5 Kg)

■ **Note:** For extended life of the air motor and down tube assembly, It is recommended an Air Filter/Lubricator with Regulator Set be used, when operating this pump.

 Operate with Caution  
and Safety.



## Model 11420

5 Quart • 10 lb. • 100:1 Ratio • 10,000 psi Rated

This DUALCO Air Operated Pump is needed for high-pressure applications. Benefits include operating ease and smooth efficiency. This pump is rugged, long lasting, and precision manufactured. The pump's strong spring and follower plate assembly assures positive priming of all types of light or heavy materials in hot or cold weather to NLGI-4. Model 11420 comes as pictured, complete with a 10 ft., 3/8" I.D. high-pressure swivel supply hose with giant button head coupler (10850), self priming follower plate and spring, 15,000 psi liquid-filled gage, gage tee, and gage cover.

Model 11420 is an air-operated volume pump, mounted on a rubber-tired hand cart that keeps the lubricant container upright when in use. This portable pump can be used indoors or outdoors and transports easily up and down steps. This pump comes completely assembled and is ready for use after inserting material to be pumped into container.

This economical model features a 100:1 ratio pressure pump with sealed-in air motor. Maximum air inlet pressure of 150 psi may be used sparingly and with caution, but recommended inlet pressure of 100 to 105 psi gives an optimum operating range. Straight and "Z" swivels, a needle valve with an 18" discharge hose, check valve with pressure release, and giant button head coupler (10850 - for the hose assembly outlet connection) is included. Lube Adapter (10733) with 1"-14 UNS thread is also included.

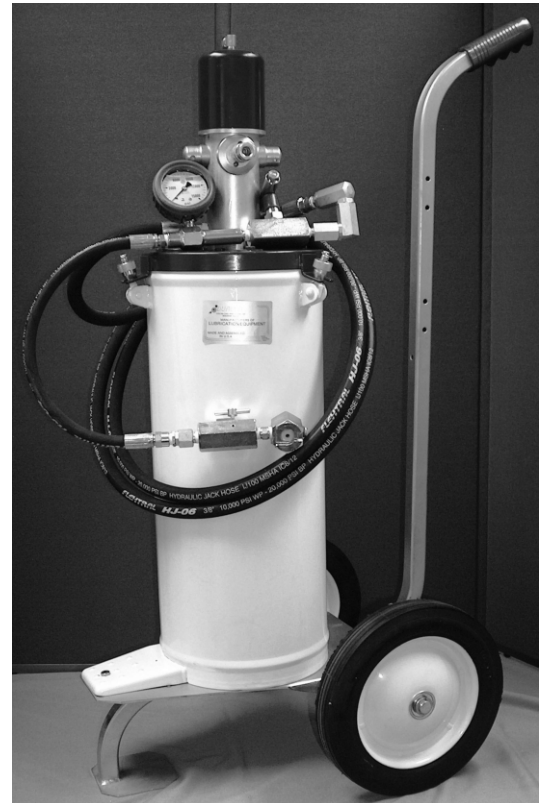
This bucket pump accommodates a 5-quart (10 lb.) material container. With an air inlet pressure of 150 psi, a delivery rate of approximately 15 oz./minute of NLGI-2 lubricant at 77° F (25° C) may be achieved, with a discharge pressure of 15,000 psi.

### Applications

- Pumping material into valves and pumps when high pressure, volume & portability are required.
- Pipelines conveying chemicals, crude/refined oil, natural gas, lpg, hydrocarbons & other fuels.
- Pumping & compressor stations, refineries & chemical plants.
- Steel mills, lumber & paper mills, gas & oil drilling / production fields, asphalt, rubber, water & sewage treatment plants, heavy equipment, manufacturing, mining, marine, industrial and municipal utilities.
- Well testing • Heavy Equipment & Manufacturing

### Features

- Safety devices include bleeder valve and secured lid.
- Superior pumping performance with lubricants, sealants, light packing, and cleaners.
- Easily refilled material container.
- Greater pressures are achievable with less effort than manual operated bucket pumps.
- Heavy duty, metal construction
- Ideal for long production
- Portable, easily serviceable and parts are available.



■ Inquire regarding other available models including hose assembly and electronic flow meter options.

■ Optional pressure trolls or runaway valves are also available upon request.

■ For pumping stick material or heavy packing, contact Dualco for other equipment options.

### Specifications

Air Inlet	1/4" NPSI (f)
Material Outlet	3/8" NPT (f)
Maximum Operating Pressure	15,000 psi (1,034 Bar)
Optimum Operating Pressure	10,500 psi (724 Bar)
Piston Diameter x Stroke	2.438 x 1.625" (6.2 x 4.1 cm)
Measurements (Unit Only)	40 x 18" (101.5 x 45.6 cm)
Approximate Net Weight (Empty)	75 pounds (34.3 Kg)

■ **Note:** For extended life of the air motor and down tube assembly, It is recommended an Air Filter/Lubricator with Regulator Set be used, when operating this pump.

⚠ Operate with Caution  
and Safety.

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## Model 12200 "HP" High Pressure

10 or 40 lb. • 120:1 Ratio • 15,000 psi Rated

The Dualco model 12200 Specialty Pump 15,000 psi is specifically designed to routinely overcome up to 12,000 psi line pressure. Each unit will efficiently inject valve lubricant, sealant or cleaner into your plug, ball or gate valves with minimal air supply.

Volume Delivery: 1/2 oz. per Stroke, allows personnel to maximize their time per wellhead or routine valve maintenance. It is ideal for wellhead maintenance on all types of valves, pertaining to API, 6A, 6C, and 6D. Reduce your routine maintenance time for mainline pipeline valves (often buried lines), as well as compressor station valves.

### Applications

- Pumping material into valves and pumps when high pressure, volume & portability are required.
- Pipelines conveying chemicals, crude/refined oil, natural gas, lpg, hydrocarbons & other fuels.
- Pumping & compressor stations, refineries & chemical plants.
- Steel mills, lumber & paper mills, gas & oil drilling / production fields, asphalt, rubber, water & sewage treatment plants, heavy equipment, manufacturing, mining, marine, industrial and municipal utilities.
- Well testing • Heavy Equipment & Manufacturing

### Features


- 120:1 Ratio Industrial Grade Pump
- Large Volume Delivery: 1/2 oz. per stroke
- 5" Air Motor: Product Injected on both strokes
- Durable, Heavy Duty Construction
- 10' High Pressure Hose Assembly Complete w/ Supply Hose, Swivels, 15,000 psi Gauge, Discharge Hose, Giant Button Head Coupler w/ Pressure Release and Control Valve
- Air Filter/Lubricator with Regulator
- A Heavy Duty Protective Bracket for Regulator / Filter / Gauge
- 120:1 Ratio Industrial Grade Pump
- Dual Follower Plate for 10 lb. or 40 lb. pails
- Adjustable Air Motor Relief Valve for added safety
- Maximum air inlet pressure: 120 psi
- Rams are Permanently Lubricated
- Pumps NLGI # 1-4 Valve Lubricant, Sealant, Flush or Cleaner
- Ideal for pumping viscous Valve Sealants such as: Dualco GP, GPB, Premium, Peanut Butter, and more



- Inquire regarding other available models including hose assembly and electronic flow meter options.
- Optional pressure trolls or runaway valves are also available upon request.
- For pumping stick material or heavy packing, contact Dualco for other equipment options.

### Specifications

Air Inlet	1/4" NPT (f)
Material Outlet	3/8" NPT (f)
Maximum Operating Pressure	15,000 psi (1,034 Bar)
Piston Diameter x Stroke	5" x 2.5"
Measurements (Unit Only)	47" x 26" x 18"
Approximate Net Weight (Empty)	100 pounds (45.7 Kg)

 Operate with Caution  
and Safety.