About Dualco

DUALCO manufactures Lubrication Equipment for the maintenance of Plug Valves, Ball Valves, and Gate Valves. Equipment for pumping Injectable packing into high performance pumps is also manufactured. DUALCO products include everything from small hand-held Grease Guns to large self-contained Lubrication Skid Units.

Many DUALCO products are used to lubricate valves in the Pipeline Industry as well as for gathering, transmission, or distribution of natural gas, or other products. Wellhead lubrication on land and offshore is conducted using DUALCO equipment. Many Refineries, Chemical Plants, Factories, Mills, and Municipal Utility Districts use DUALCO guns and products.

History

The foundation for DUALCO was laid in the 1950s. One of the founders, Lee Reed, came from McEvoy Valves in Houston, Texas. Lubrication Equipment was manufactured under the name of Hypar Instrument Company from 1960 until 1978, when the DUALCO name was established.

DUALCO’s primary focus is manufacturing lubrication devices that include products such as Hydraulic Grease Guns, Push Type Utility Grease Guns, and the Squeeze Tube Grease Gun lines. Other manufactured products include Fitting Adapters and Service Tools, Button Head Couplers, Special Fittings and Accessories. Also, Air- and Manual-Operated Bulk Systems, Air/Hydraulic Injection Guns and Skid-Mounted Lubrication Units are manufactured.

All Guns, Couplers, Fittings, and Nozzle Accessories manufactured by DUALCO have a proven history of quality performance and are well suited to meet lubrication requirements for a wide variety of applications. Some of the products DUALCO manufactures have been in use for over 70 years.

Whether it is specialty grease, sealant, or packing that is to be applied, or a special hardware application that is needed, DUALCO has the right products. DUALCO has many options from which to build the correct coupler, fitting or nozzle accessory combination for the intended application. Special service and custom products are produced to customer specifications.

DUALCO uses the best possible materials in product manufacturing and wants to be your premier manufacturer, supplier and partner of choice.

Mission Statement

Our goal at DUALCO is to provide the highest level of service and the broadest selection of products at competitive prices. In offering products and services for numerous industrial, commercial, retail, and consumer markets, we at DUALCO strive for excellence with these values and core beliefs.

• Customer Satisfaction & Confidence
• Building Strong & Lasting Relationships based on Integrity, Loyalty & Trust
• Problem Solving & Creative Customer Solutions
• Product Reliability & Longevity
• Safe & Efficient Workspace for Our Employees
• Prompt & Efficient Order Delivery

Distributed By:
Linc Energy Systems
DUALCO has been producing Professional lubrication products since 1960. Products are made and assembled in the USA. 100% repairable and recyclable.

Index

Hydraulic Grease Guns 4
Hydraulic Grease Gun Service 5
Screw Prime Grease Guns 6 - 9
Air/Hydraulic Injection Gun 10
Foot-Operated Hydraulic Injection Gun 11
PSIT Packing Stick Injection Tools 12
Dualco Automated Multi Valve-Point (D.A.M.) Lube System 13
Air Operated Bucket Pumps 14-15
Air Operated Drum Pumps 16
Manual Bucket Pumps 17
Valve Lubrication Adapter Kit 18
Skid-Mounted Lubrication Assemblies / Custom 19

DUALCO Inc. 8404 Braniff, Houston, Texas 77061
Tel: 713-644-1164 • Toll free: 877-538-2526 • Fax: 713-644-7761
dualco-inc.com • Email: dualco@dualco-inc.com
©2018 DUALCO Inc.
Dualco Hydraulic Grease Guns
Includes Models 11000, 11000GB & 11020

DUALCO Hydraulic Grease Guns are needed for high pressure applications. Benefits include operating ease and smooth efficiency. Usable in any position, these guns are rugged, long lasting, precision manufactured and are recommended for high temperature and harsh environment services such as steam, hot oil, hot compressed gas, and offshore.

Rated to 10,000 PSI

Standard and special lubricants in stick or bulk can be applied with these guns. Highly viscous lubricants, sealants, packings, and cleaners can be pumped with ease. They are adaptable for pumping liquids and good for measured amounts, preventing excess material discharge. They are also used for hydrostatic and applied testing on pipelines and wellheads.

Features:
- Rated to 10,000 PSI.
- Safety Latch & Tamper proof internal relief valve.
- Detachable handle with 1oz. calibrations (measuring volume).
- Handle used as push rod to return barrel piston and to lock and unlock barrel cap.
- Superior performance with viscous lubricants, sealants, packing and cleaners.
- Easily serviceable and all replacement parts are readily available.
- Double Bypass Valve Stop & Sliding Stop Link.
- Easily refilled with sticks or bulk.
- Heavy duty metal construction.
- Handle retaining Strap
- "Sure Grip" surfaces.
- Corrosion resistant.
- Easily Refilled.

Applications:
Uses for the DUALCO Hydraulic Grease Guns include:
- Lubricating Pumps and Ball, Gate & Plug Valves.
- Pipelines conveying chemicals, crude or 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.

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Model 11000GB</th>
<th>Model 11020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>One &quot;J&quot; size stick, 9-1/2 oz. or 17 cu. in.</td>
<td></td>
</tr>
<tr>
<td>Delivery</td>
<td>1 oz. / 50 Strokes</td>
<td></td>
</tr>
<tr>
<td>Self Priming</td>
<td>Standard</td>
<td></td>
</tr>
<tr>
<td>Outlet</td>
<td>1/4&quot; NPT • (other outlet sizes available)</td>
<td></td>
</tr>
<tr>
<td>Operating Pressure</td>
<td>Up to 10,000 psi</td>
<td></td>
</tr>
<tr>
<td>Net Weight Model 11000</td>
<td>13-1/2 pounds</td>
<td></td>
</tr>
<tr>
<td>Net Weight Model 11000GB</td>
<td>14 pounds</td>
<td></td>
</tr>
<tr>
<td>Net Weight Model 11020</td>
<td>16 pounds</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>Basic Gun (excluding hose assembly) 20-1/2&quot; x 6&quot; x 3-3/4&quot;</td>
<td></td>
</tr>
</tbody>
</table>

Model 11020 includes the 26” O.A.L. 10876 Hose Assembly with integral pressure gauge. This hose assembly has a Giant Button Head Coupler outlet. Model 11000 is the basic gun only, with no attachments. Model 11000GB includes the basic gun and integral pressure gauge attached to the gun body. Many other gun and hose assembly options are available.

⚠️ Operate with Caution and Safety.
DUALCO accepts Hydraulic Grease Guns for rebuilding, exchange, or repair as long as all Gun components are present and assembled. A Hydraulic Grease Gun cannot be rebuilt or repaired if there are signs of extreme abuse or corrosion.

Most Hydraulic Guns in operation can be serviced or repaired, and parts are usually interchangeable. If a gun cannot be rebuilt or repaired, notification will be given regarding the gun condition and the procedure to be followed.

*After receiving a gun for rebuilding, exchange or repair, the following procedure is implemented:*

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Inspection</td>
</tr>
<tr>
<td>2</td>
<td>Disassembly</td>
</tr>
<tr>
<td>3</td>
<td>Re-plating of Major Parts (11035)</td>
</tr>
<tr>
<td>4</td>
<td>Assembly of Rebuilt or Repaired Gun</td>
</tr>
<tr>
<td>5</td>
<td>New Fluid Added</td>
</tr>
<tr>
<td>6</td>
<td>Inspection &amp; Testing</td>
</tr>
<tr>
<td>7</td>
<td>New Box &amp; Packing</td>
</tr>
</tbody>
</table>

Repair Guns will not be re-plated (11000R)

A 4-oz can of DUALCO Hydraulic Fluid (10895) is furnished as a standard accessory.

Replacement of the following components, when missing or damaged beyond repair, is not included in the Standard Program, but can be added for an additional cost:

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body, Fulcrum Assembly</td>
<td>10782, 10772</td>
</tr>
<tr>
<td>Grease Barrel, Grease Barrel Cap</td>
<td>10961, 10813</td>
</tr>
<tr>
<td>Fluid Bag Barrel, Fluid Bag Barrel Cap</td>
<td>10822, 10823</td>
</tr>
</tbody>
</table>

Parts to be Replaced:

- All "O"-Rings, Leather Cups
- Fluid Bag/Bleeder Assembly
- Plunger, Cylinder, Check Valve Ball
- Check Valve Spring
- Check Valve Washer
- Check Valve Filter
- Cylinder & Plunger
- Piston Assembly
- Internal Relief Valve

Other parts will be changed, and other procedures will be applied when needed and custom notification will be given as required.

A standard price is established for a rebuilt or repair gun with the standard program guidelines. If the program is altered by extra procedures or extra components, in extreme cases the cost may exceed that of a new gun. Guns for repair will be cleaned only, not re-plated. All other rebuilding procedures will apply.

This program applies to the basic gun only. Hose Assemblies and Accessories are not included, but upon customer request, they will be provided at an additional cost.

Warranty:

90 Days – DUALCO Standard Terms and conditions.
DUALCO Screw Prime Grease Guns are designed for low and high pressure applications. Benefits include ease of operation and smooth efficiency. Usable in any position, these guns are rugged, long lasting, precision manufactured and are designed for high temperature and harsh environment services such as steam, hot oil, hot compressed gas, and offshore. DUALCO Screw Prime Grease Guns are the most durable and dependable guns in their class, outperforming inadequate, conventional commodity grease guns.

Rated at 10,000 and 15,000 psi

- Standard and specialized NLGI No. 2, 3, and 4 lubricants in stick or bulk can be applied with these guns. Highly viscous lubricants, sealants, packings, and cleaners can be pumped with ease.
- Dualco guns are ideal for pumping liquids and solids in controlled amounts, preventing waste and excess material discharge in the field and/or your work site. Dualco Screw Prime Guns are also used for applied hydrostatic testing on pipelines and wellhead valve field testing.
- A wide variety of standard and custom hose assemblies are available to meet every application.

Applications:
- Field Service, Shop Repairs & Maintenance.
- Lubricating Pumps, Ball, Gate & Plug Valves.
- Pipeline Valves = 6A-6D.
- Pipelines conveying chemicals, crude or refined oil, natural gas, lpg, hydrocarbons & other fuels, pumping & compressor stations, refineries & chemical plants.
- Gas & oil well drilling / production fields, steel mills, lumber & paper mills, asphalt, rubber, water & sewage treatment plants, heavy equipment, manufacturing, mining, marine, industrial and municipal utilities.
- Rig Repairs / Draw Works • Sub Sea BOPs

Features:
- Rated from 10,000 to 15,000 PSI.
- Superior performance with viscous lubricants, sealants, packing & cleaners.
- Easily serviceable and all replacement parts are readily available.
- Built-in check valve and pressure release on 15,000 psi models.
- Easily refilled with grease in sticks or bulk.
- Hardened, one piece precision ground plunger.
- High strength screw handle. • Premium primer die spring.
- Easily refilled with sticks or bulk. • Heavy duty metal construction.
- Corrosion resistant. • Adjustable plunger packing.
- “Sure Grip” surfaces.

Specifications:

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Delivery 10600</th>
<th>Delivery 10680</th>
<th>Operating Pressure 10600</th>
<th>Operating Pressure 10680</th>
<th>Outlet</th>
<th>Net Weight 10600 (without hose assembly)</th>
<th>Net Weight 10680 (without hose assembly)</th>
<th>Dimensions Basic Gun (without hose assembly)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10600</td>
<td>12 oz. or &quot;K&quot; size stick</td>
<td>1 oz. / 15 Strokes</td>
<td>1 oz. / 18 Strokes</td>
<td>Up to 10,000 psi</td>
<td>Up to 15,000 psi</td>
<td>1/4&quot; NPT + (other outlet sizes available)</td>
<td>11.5 pounds</td>
<td>11.6 pounds</td>
<td>20-5/8 x 2-1/2&quot;</td>
</tr>
<tr>
<td>10680</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
These models feature double the capacity to reduce loading frequency when the operator is far from the lubricant supply.

Specifications:

Barrel: 2-3/8" I.D.
Capacity: 24 oz.
Delivery 10700: 1 oz./15 Strokes
Delivery 10760: 1 oz./18 Strokes
Operating Pressure 10700: Up to 10,000 psi
Operating Pressure 10760: Up to 15,000 psi
Outlet: 1/4" NPT (other outlet sizes available)
Net Weight 10700 (without hose assembly): 11.5 pounds
Net Weight 10760 (without hose assembly): 11.6 pounds
Dimensions Basic Gun (without hose assembly): 22-1/4 x 5-7/8 x 3"
Adding "live" swivel to the hose assembly improves performance, allowing the GBH coupler to rotate freely while the hose is pressurized. Like model 10610, this gun assembly is also popular for lubricating plug valves.

Specifications
Barrel: 1-5/8" I.D.
Capacity: 12 oz. or "K" size stick
Delivery: 1 oz. / 15 Strokes
Operating Pressure: Up to 10,000 PSI
Hose: 18" • 10692
Giant Button Head Coupler: Regular Duty • 10670
Straight Swivel: 10748
Net Weight: 12.7 pounds

This gun assembly is much like model 10610, with the addition of a pressure gauge which allows for more lubricating efficiency and accuracy. Also, a "live" swivel allows the GPH coupler to rotate freely while the hose is pressurized.

Specifications
Barrel: 1-5/8" I.D.
Capacity: 12 oz. or "K" size stick
Delivery: 1 oz. / 15 Strokes
Operating Pressure: Up to 10,000 PSI
Hose: 18" • 10692
Giant Button Head Coupler: Regular Duty • 10670
Gauge, Gauge Cover / Gauge Tee: 11475 / 10844
Straight Swivel: 10748
Net Weight: 13.3 pounds

This 10,000 psi gun assembly has every option for maximum functionality. The Dualco Z-Swivel gives truly universal hose flexibility. The In-line check valve and GBH coupler with pressure release valve make pumping and disengagement from the lubricant fitting easier.

Specifications
Barrel: 1-5/8" I.D.
Capacity: 12 oz. or "K" size stick
Delivery: 1 oz. / 18 Strokes
Operating Pressure: Up to 15,000 PSI
Hose: 18" • 10758
Giant Button Head Coupler: Heavy Duty • 10850
Z - Swivel: 10744
In-Line Check Valve: 10945
Net Weight: 14.5 pounds

Dualco's basic 15,000 psi Screw Prime grease gun assembly features a heavy duty giant button head coupler and is relatively easy to use and requires minimal maintenance. Used for the same purposes as the 10,000 psi models, this model is necessary for higher pressure applications.

Specifications
Barrel: 1-5/8" I.D.
Capacity: 12 oz. or "K" size stick
Delivery: 1 oz. / 18 Strokes
Operating Pressure: Up to 15,000 PSI
Hose: 18" • 10758
Giant Button Head Coupler: Heavy Duty • 10850
Net Weight: 11.8 pounds
We have a complete selection of connectors, adapters, tools, hose assemblies and optional equipment. Please contact us with any questions or special requests.

**Popular Models (con’t.)**

### 11050

![Image](image1.png)

An Auto Shut-off GPH coupler prevents lubricant leakage when disengaged from the lubricant fitting. This well appointed gun assembly features a live swivel, gauge and carrying strap for increased mobility. The model 11050 is necessary for all high pressure applications.

#### Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barrel</td>
<td>1-5/8” 1.D.</td>
</tr>
<tr>
<td>Capacity</td>
<td>12 oz. or “K” size stick</td>
</tr>
<tr>
<td>Delivery</td>
<td>1 oz. / 18 Strokes</td>
</tr>
<tr>
<td>Operating Pressure</td>
<td>Up to 15,000 PSI</td>
</tr>
<tr>
<td>Hose Assembly</td>
<td>18” • 10872</td>
</tr>
<tr>
<td>Giant Button Head Coupler</td>
<td>Auto Shut-off • Heavy Duty • 10885</td>
</tr>
<tr>
<td>Gauge, Gauge Cover / Gauge Tee</td>
<td>11475 / 10844</td>
</tr>
<tr>
<td>Straight Swivel</td>
<td>10641</td>
</tr>
<tr>
<td>Carrying Strap</td>
<td>10616</td>
</tr>
<tr>
<td>Net Weight</td>
<td>16.2 pounds</td>
</tr>
</tbody>
</table>

### 11070

Combining both Straight and “Z” live swivels for the ultimate in high pressure flexibility, this popular gun assembly also features an Auto Shut-off GPH coupler, gauge and carrying strap for increased mobility.

#### Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barrel</td>
<td>1-5/8” 1.D.</td>
</tr>
<tr>
<td>Capacity</td>
<td>12 oz. or “K” size stick</td>
</tr>
<tr>
<td>Delivery</td>
<td>1 oz. / 18 Strokes</td>
</tr>
<tr>
<td>Operating Pressure</td>
<td>Up to 15,000 PSI</td>
</tr>
<tr>
<td>Hose Assembly</td>
<td>18” • 10660</td>
</tr>
<tr>
<td>Giant Button Head Coupler</td>
<td>Heavy Duty • 10850</td>
</tr>
<tr>
<td>Gauge, Gauge Cover / Gauge Tee</td>
<td>11475 / 10844</td>
</tr>
<tr>
<td>Z-Swivel + Straight Swivel</td>
<td>10744 / 10641</td>
</tr>
<tr>
<td>Carrying Strap</td>
<td>10616</td>
</tr>
<tr>
<td>Net Weight</td>
<td>17.0 pounds</td>
</tr>
</tbody>
</table>

Many other gun and hose assembly options are available.

We have a complete selection of connectors, adapters, tools, hose assemblies and optional equipment. Please contact us with any questions or special requests.

### Options

#### Screw Prime Grease Guns

![Image](image2.png)

- **Giant Button Head Couplers**
  - **Model**
    - 10670 Regular Duty • For pull on service 1/4” NPT(f) inlet.
    - 10630 Regular Duty w/ adapter • For pull on service 7/16”-27 NS(f) inlet.
    - 10850 Heavy Duty • Nylon Piston • For pull, push or hook on service 1/4” NPT(f) inlet.
    - 10335 Heavy Duty w/ Pressure Release • For pull, push or hook on service 1/4” NPT(f) inlet.
    - 10885 Heavy Duty w/ Internal Auto Shut-off • Steel Piston 1/4” NPT(f) inlet.
    - 10990 Manual Shut-off Relief Valve 1/4” NPT(f) inlet.

- **Pressurized Hoses Will Not Twist!**

- **Live Swivels**

- **Model**
  - 10641 Basic Connectivity 1/4” NPT(m) x 1/2”-27 NS taper(m) 0.3 lbs
  - 10642 90° • Flexible 1/4” NPT(m) x 1/2”-27 NS taper(m) 0.6 lbs
  - 10744 “Z” • True Universal Flexibility 1/4” NPT(m) x 1/2”-27 NS taper(m) 1.0 lbs

- **Operate with Caution and Safety.**
  - Some Screw Prime gun assemblies do not contain an internal check valve in the head assembly. When the lubricant tank is complete, accumulated residual pressure may be present. In these instances, BEFORE disengaging from the lubricant fitting, turn the screw handle counter clockwise and raise the plunger to relieve pressure.

#### Material Loader

![Image](image3.png)

Ideal for loading cartridges such as Lubricant, Sealant, Packing, or Cleaner into DUALCO Hydraulic Grease Guns, Screw Prime Grease Guns, Air/Hydraulic and Hydraulic Injection Guns.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Connection</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>11270</td>
<td>For Hydraulic Grease Guns and Air / Hydraulic Injection Guns</td>
<td>12oz K-size stick</td>
<td>2.65 lbs</td>
</tr>
<tr>
<td>11280</td>
<td>for Screw Prime Grease Guns</td>
<td>12oz K-size stick</td>
<td>2.65 lbs</td>
</tr>
</tbody>
</table>

Use only for Non-Pressure applications.
The Patented DUALCO Air/Hydraulic Injection Gun is a rugged, easy to operate, light-weight unit providing an extremely fast discharge rate. It comes complete with an all aluminum frame, a 10,000 psi hydraulic pump, a “K” barrel and a Pelican® carrying case. This extremely versatile unit works well both on and offshore and is recommended for field, plant, and platform applications. It is designed to pump standard and special materials including highly viscous lubricants, sealants, packing, and cleaners. This gun is adaptable for injecting liquids. The Model 12000 is also used for hydrostatic and applied testing on pipelines and wellheads.

- Inquire regarding other available models and hose assembly options.

### Applications

- Injecting materials into valves and pumps when a fast controlled discharge rate is advantageous.
- Working in extreme temperatures and harsh environments.
- Pipelines conveying chemicals, crude or 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.
- Works well when pumping valve flush, valve cleaners and valve lube sealants into ball and plug valves.

### Features:

- Rated to 10,000 psi
- Tamper proof internal relief valve.
- In-line air filters, regulators, dryers, and lubricators are available.
- Handle used as a push rod to return barrel piston and to lock & unlock barrel cap.
- Superior pumping performance with lubricants, sealants, packing & cleaners.
- Easily serviceable and all parts are readily available.
- Easily refilled with sticks or bulk.
- Heavy duty metal construction.
- “Sure Grip” surfaces.
- Corrosion resistant.

### Specifications

<table>
<thead>
<tr>
<th>Capacity</th>
<th>One “k” size stick, 12 oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Inlet</td>
<td>1/4” npt(f)</td>
</tr>
<tr>
<td>Delivery</td>
<td>12 oz. in 30-60 Seconds</td>
</tr>
<tr>
<td>Air Consumption</td>
<td>9 CFM</td>
</tr>
<tr>
<td>Self Priming Hydraulic Pump</td>
<td>Standard</td>
</tr>
<tr>
<td>Discharge Hose Length</td>
<td>6 feet (Standard)</td>
</tr>
<tr>
<td>Outlet</td>
<td>Giant Buttonhead Coupler (other outlet sizes available)</td>
</tr>
<tr>
<td>Operating Air Pressure</td>
<td>80 to 100 psi (Air supply from plant, tank or portable source)</td>
</tr>
<tr>
<td>Net Weight</td>
<td>32 pounds</td>
</tr>
<tr>
<td>Shipping Weight</td>
<td>44 pounds</td>
</tr>
<tr>
<td>Box Dimensions</td>
<td>21” x 18” x 9”</td>
</tr>
<tr>
<td>U.S. Patent Number</td>
<td>8,607,934 B2</td>
</tr>
</tbody>
</table>

**Warning:** Even though this product can rapidly inject a lube stick into a valve in 30-60 seconds; it is not always advantageous to do so. In some circumstances, certain valves can be damaged with rapid, over-lubrication. Consult with the valve manufacturer for specific information and recommendations.

**Operate with Caution and Safety.**
The DUALCO Model 11725 Foot-Operated Hydraulic Injection Gun is a rugged, easy to operate, light-weight unit providing an extremely fast discharge rate. When compressed air is not available, this gun is ideal. It comes complete with an all aluminum frame, a 10,000 psi hydraulic pump, and a 14oz “K” barrel.

This extremely versatile gun works well both on and offshore and is recommended for field, plant, and platform applications. It is designed to pump standard and special materials including highly viscous lubricants, sealants, packing, and cleaners into ball and plug valves. This gun is adaptable for injecting liquids. The Model 11725 is also used for hydrostatic and applied testing on pipelines and wellheads.

- Inquire regarding other available models and hose assembly options.

### Applications
- Injecting materials into valves and pumps when a fast controlled discharge rate is advantageous.
- Working in extreme temperatures and harsh environments.
- Pipelines conveying chemicals, crude or 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.
- Works well when pumping valve flush, valve cleaners and valve lube sealants into ball and plug valves.

### Features:
- Tamper proof internal relief valve.
- Compact & Portable
- Handle used as a push rod to return barrel piston and to lock/unlock barrel cap.
- Superior pumping performance with lubricants, sealants, packing and cleaners.
- Easily serviceable and all parts are readily available.
- Easily refilled with sticks or bulk.
- Heavy duty metal construction.
- "Sure Grip" surfaces.
- Corrosion Resistant.

### Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>One &quot;K&quot; size stick, 12 oz.</td>
</tr>
<tr>
<td>Barrel Size</td>
<td>14 oz.</td>
</tr>
<tr>
<td>Delivery</td>
<td>12 oz. in 30-60 Seconds</td>
</tr>
<tr>
<td>Cycle</td>
<td>1 oz. per 12 Strokes</td>
</tr>
<tr>
<td>Self Priming Hydraulic Pump</td>
<td>Standard</td>
</tr>
<tr>
<td>Discharge Hose Length</td>
<td>6 feet (Standard)</td>
</tr>
<tr>
<td>Outlet</td>
<td>Giant Buttonhead Coupler (other outlet sizes available)</td>
</tr>
<tr>
<td>Operating Pressure</td>
<td>10,000 psi</td>
</tr>
<tr>
<td>Net Weight</td>
<td>33 pounds</td>
</tr>
<tr>
<td>Shipping Weight</td>
<td>37 pounds</td>
</tr>
<tr>
<td>Box Dimensions</td>
<td>26” x 18” x 11”</td>
</tr>
</tbody>
</table>

**Warning:** Even though this product can rapidly inject a lube stick into a valve in 30-60 seconds; it is not always advantageous to do so. In some circumstances, certain valves can be damaged with rapid, over-lubrication. Consult with the valve manufacturer for specific information and recommendations.

⚠ Operate with Caution and Safety.
The Dualco Packing Stick Injection Tool (PSIT) Performs fast and simple Injection of “B” size sticks into a variety of service valves including: Stopcock and Ball for both Liquid and Gas.

This new and improved tool quickly delivers the most viscous sealants. The dual purpose hex key handle makes removing the packing plug a snap.

- Dual “O” Ring Seal
- High Pressure
- Easy Loading
- Solid Alloy Steel Construction
- Black Zinc Corrosion Protection
- Made by Dualco in the U.S.A.

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Weight</th>
<th>Length</th>
<th>Connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>11370</td>
<td>Packing Stick Injection Tool (P.S.I.T.)</td>
<td>6.6 oz.</td>
<td>4-1/8”</td>
<td>1/8” npt M</td>
</tr>
<tr>
<td>11780</td>
<td>P.S.I.T. Assembly w/ Hose &amp; Giant Buttonhead Coupler</td>
<td>16.8 oz.</td>
<td>18”</td>
<td>Giant Buttonhead</td>
</tr>
<tr>
<td>11770</td>
<td>P.S.I.T. Assembly w/ Hose</td>
<td>9.9 oz.</td>
<td>16-1/2”</td>
<td>1/8” npt M</td>
</tr>
<tr>
<td>10230</td>
<td>Flexible Extension Hose Assembly</td>
<td>3.1 oz.</td>
<td>12-1/2”</td>
<td>1/8” npt M/F</td>
</tr>
</tbody>
</table>

- Maximum Pressure: 2500 psi

Order Parts separately or as complete Assemblies.

* Designed for:
3/8”Ø x 1-1/2” lg. “B” size sticks

- We have a complete selection of connectors, adaptors and accessories. Please contact us with questions or special requests.

Operate with Caution and Safety.
The Dualco Automated Multi Valve-Point (D.A.M.) Lube System automatically lubricates multiple valves, while maintaining accurate lubrication levels without under or over lubricating.

**Automated lubrication:**
- Uses an estimated 33% less grease than manual lubrication.*
- Applies Grease evenly to valve seats and achieves better grease coverage.
- Applies metered amounts giving your valves the best protection and performance.
- Nullifies the tradition of over lubricating. (Pumping grease in until it oozes out.)
- Globally can save millions on grease and up to 300,000 tons of CO₂ per annum.*

**Reduces:**
- Labor
- Waste
- Downtime
- Environmental Impact

**Increases:**
- Valve Life
- Safety
- Productivity
- Profits

**Applications:**
- Wellheads
- Pipelines
- Offshore
- Manifolds
- Fracturing
- Industrial

Note: The DAM can be used for many other applications, besides valves.

**Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Voltage</td>
<td>12/24 volts (DC) or 110 volts (AC)</td>
</tr>
<tr>
<td>Ambient Temperature</td>
<td>-4°F to 104°F (-20°C to 40°C)</td>
</tr>
<tr>
<td>Electrical Fuse</td>
<td>10 amp</td>
</tr>
<tr>
<td>Lubricant</td>
<td>NLGI 1 - 4</td>
</tr>
<tr>
<td>Pressure Range</td>
<td>500 - 3500 psi (34 - 240 bar)</td>
</tr>
<tr>
<td>Enclosure</td>
<td>Dimensions (including lifting eye) 32&quot; x 18&quot; x 60&quot; (W,D,H)</td>
</tr>
<tr>
<td></td>
<td>Weight (fully outfitted, does not include discharge hoses) 445 lbs.</td>
</tr>
<tr>
<td></td>
<td>Standard Color (Custom colors, zinc, galvanizing available) Dualco Green</td>
</tr>
<tr>
<td></td>
<td>Material (Aluminum and Stainless enclosures available) 1/8&quot; Steel Plate</td>
</tr>
<tr>
<td></td>
<td>Mobility (Lifting eye, Forklift slots &amp; Hinge locking front panel)</td>
</tr>
<tr>
<td></td>
<td>Pump</td>
</tr>
<tr>
<td></td>
<td>Oz./Min.</td>
</tr>
<tr>
<td></td>
<td>Strokes / Min.</td>
</tr>
<tr>
<td></td>
<td>Oz. per Stroke</td>
</tr>
<tr>
<td></td>
<td>Lube Sealant</td>
</tr>
<tr>
<td></td>
<td>Ambient Temperature</td>
</tr>
<tr>
<td></td>
<td>Air Supply Pressure</td>
</tr>
</tbody>
</table>

*For Reference Only
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.

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Inlet</td>
<td>1/4&quot; NPSI (f)</td>
</tr>
<tr>
<td>Material Outlet</td>
<td>3/8&quot; NPT (f)</td>
</tr>
<tr>
<td>Maximum Operating Pressure</td>
<td>15,000 psi (1,034 Bar)</td>
</tr>
<tr>
<td>Optimum Operating Pressure</td>
<td>10,500 psi (724 Bar)</td>
</tr>
<tr>
<td>Piston Diameter x Stroke</td>
<td>2.438 x 1.625&quot; (6.2 x 4.1 cm)</td>
</tr>
<tr>
<td>Measurements (Unit Only)</td>
<td>40 x 18&quot; (101.5 x 45.6 cm)</td>
</tr>
<tr>
<td>Approximate Net Weight (Empty)</td>
<td>75 pounds (34.3 Kg)</td>
</tr>
</tbody>
</table>

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.
Air Operated Bucket Pumps

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 (10650) 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.

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

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

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.
Air Operated
Drum Pumps

Model 11400
16 Gallon • 120-150 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 11400 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 gauge, gauge cover, and gauge tee. An optional outlet connection (10733) Lube Adapter 1” - 14 UNS (female) is included.

Model 11400 is an air-operated volume pump, mounted on a 16 gallon, 120 lb drum. This portable pump can be used indoors or outdoors. This pump comes completely assembled and is ready for use after installing on a drum of pumpable material.

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 a giant button head coupler (10850 – for the hose assembly outlet connection) is included.

Model 11400 accommodates a 16-gallon drum (120-150 lbs.). 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 16 gallon drum
- 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.

**Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Inlet</td>
<td>1/4” NPSI (f)</td>
</tr>
<tr>
<td>Material Outlet</td>
<td>3/8” NPT (f)</td>
</tr>
<tr>
<td>Maximum Operating Pressure</td>
<td>15,000 psi (1,034 Bar)</td>
</tr>
<tr>
<td>Optimum Operating Pressure</td>
<td>10,500 psi (724 Bar)</td>
</tr>
<tr>
<td>Piston Diameter x Stroke</td>
<td>2.438 x 1.625&quot; (6.2 x 4.1 cm)</td>
</tr>
<tr>
<td>Measurements (Unit Only)</td>
<td>40 x 15&quot; (101.5 x 38 cm)</td>
</tr>
<tr>
<td>Approximate Net Weight (Empty)</td>
<td>60 pounds (27.5 Kg)</td>
</tr>
</tbody>
</table>

**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.**
Manual Bucket Pumps

15,000 psi Rated

Manual Bucket Pumps are needed for high-pressure applications. Benefits include operating ease and smooth efficiency. These pumps are rugged, long lasting, precision manufactured and portable. The pumps' strong spring and follower plate assembly assures positive priming of all types of light or heavy lubricants, sealants, or packing in hot or cold weather and will pump materials to NLGI-4 viscosity.

The Dualco Manual Bucket Pumps come as pictured, complete with a 10 ft., 3/8"I.D. high-pressure swivel hose with giant button head coupler, follower plate assembly, spring, 15,000 psi liquid-filled gage, and check valve assembly unless otherwise ordered. These are two-stage hand-operated pumps developing up to 15,000 psi with a delivery rate of approximately 1/16 oz. per stroke and available in six models. These pumps are convenient to use when air supply is not available.

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

Model 11200 3.5 Gallon • 20 lb.
- This is a compact pump, weighing only 23.5 lbs., that easily attaches to a 20 lb., 3-1/2 gallon pail of lubricant, sealant or packing. It combines the advantages and conveniences of an easy pumping operation with the maneuverability and portability of a light hand gun.

Model 11220 3.5 Gallon • 20 lb.
- This is the same as model 11200, but with a 1"-14 UNS(f) swivel outlet connection.

Model 11210 5.0 Gallon • 40 lb.
- This is the same as model 11200, but with a 40 lb. 5-gallon capacity, weighing only 24.5 lbs.

Model 11230 5.0 Gallon • 40 lb.
- This is the same as model 11210, but with a 1"-14 UNS(f) swivel outlet connection.

Model 11185 3.5 Gallon • 20 lb.
- This is the same as model 11185, but with a 40 lb. 5-gallon capacity, weighing only 21 lbs.

Model 11235 5.0 Gallon • 40 lb.
- This is the same as model 11210, but with a 1"-14 UNS(f) swivel outlet connection.

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, relief 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 screw type lever guns.
- Heavy duty, metal construction
- Ideal for long production
- Portable, easily serviceable and parts are available.

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Dual Outlet Pump Connection</th>
<th>Hose Assembly Connection</th>
<th>Dimensions (L x W x H)</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>11200</td>
<td>1/4&quot; NPTF (f)</td>
<td>G.B. Coupler</td>
<td>22 x 13 x 18&quot; (56 x 33 x 46 cm)</td>
<td>23.5 lb. (10.7 Kg)</td>
</tr>
<tr>
<td>11210</td>
<td>1/4&quot; NPTF (f)</td>
<td>G.B. Coupler</td>
<td>22 x 13 x 21&quot; (56 x 33 x 53 cm)</td>
<td>24.5 lb. (11.2 Kg)</td>
</tr>
<tr>
<td>11220</td>
<td>1/4&quot; NPTF (f)</td>
<td>1&quot;-14 UNS (f)</td>
<td>22 x 13 x 18&quot; (56 x 33 x 46 cm)</td>
<td>24.0 lb. (10.9 Kg)</td>
</tr>
<tr>
<td>11230</td>
<td>1/4&quot; NPTF (f)</td>
<td>1&quot;-14 UNS (f)</td>
<td>22 x 13 x 21&quot; (56 x 33 x 53 cm)</td>
<td>25.0 lb. (11.4 Kg)</td>
</tr>
<tr>
<td>11185</td>
<td>1/4&quot; NPTF (f)</td>
<td>G.B. Coupler</td>
<td>22 x 13 x 18&quot; (56 x 33 x 46 cm)</td>
<td>20.0 lb. (9.1 Kg)</td>
</tr>
<tr>
<td>11235</td>
<td>1/4&quot; NPTF (f)</td>
<td>G.B. Coupler</td>
<td>22 x 13 x 21&quot; (56 x 33 x 53 cm)</td>
<td>21.0 lb. (9.5 Kg)</td>
</tr>
</tbody>
</table>

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

Operate with Caution and Safety.
Model 11575
The Dualco Valve Lubrication Adapter Kit is needed by qualified personnel to perform routine or emergency Valve Maintenance on Pipeline Valves in the field or at Pipeline Pump and Compressor Stations. Valve Maintenance is easier and cost effective with this kit.

Applications
The Dualco Valve Lubrication Adapter Kit is necessary when these Valve Maintenance issues need to be resolved:
- Leaking valve lube sealant fittings
- Relieving fitting pressure
- Painted, damaged, or plugged fittings
- Fitting Conversions to Giant Button Heads
- Adapters are needed

Model 11575 Valve Lubrication Kit
Assembly List: (includes one each)

<table>
<thead>
<tr>
<th>Model</th>
<th>Product Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>10488</td>
<td>Bleeder Plug • Ball Type, ½” NPT(m)</td>
</tr>
<tr>
<td>10585</td>
<td>Piggy Back Fitting Adapter • Standard Button Head Outlet</td>
</tr>
<tr>
<td>10720</td>
<td>Pressure Releasing Tool • 1”- 14 UNS(f) Connection</td>
</tr>
<tr>
<td>10733</td>
<td>WKM Lubrication Adapter • Giant Button Head Fitting Inlet x 1”- 14 UNS(f) Outlet</td>
</tr>
<tr>
<td>10765</td>
<td>Piggy Back Fitting Adapter • Giant Button Head Fitting Inlet x Giant Button Head Coupler Outlet</td>
</tr>
<tr>
<td>10850</td>
<td>Giant Button Head Coupler</td>
</tr>
<tr>
<td>11102</td>
<td>Lubrication Adapter • Giant Button Head Fitting Inlet x ¾” - 16 UNF(f) Outlet</td>
</tr>
<tr>
<td>11104</td>
<td>Lubrication Adapter • Giant Button Head Fitting Inlet x 7/8” - 14 UNF(f) Outlet</td>
</tr>
<tr>
<td>11386</td>
<td>Pressure Releasing Tool • ½”- 20(m) Connection, for Packing Injection Fittings</td>
</tr>
<tr>
<td>11495</td>
<td>Piggy Back Fitting Adapter • Vent Cap Fitting/Giant Button Head Inlet x Giant Button Head Coupler Outlet</td>
</tr>
<tr>
<td>11515</td>
<td>Piggy Back Fitting Adapter • Vent Cap Fitting/Giant Button Head Inlet x Standard Button Head Coupler Outlet</td>
</tr>
<tr>
<td>11580</td>
<td>M&amp;J Packing Adapter • 7/16” - 20(m) with Vent Cap Fitting/Giant Button Head</td>
</tr>
<tr>
<td>11585</td>
<td>Daniel Packing Adapter • ½” - 20(m) with Vent Cap Fitting/Giant Button Head</td>
</tr>
<tr>
<td>11576</td>
<td>Rugged Heavy • Duty Case -Corrosion Resistant, Watertight, and Lifetime guarantee</td>
</tr>
</tbody>
</table>

Case Dimensions: 14” x 12” x 6” • Net Weight: 12 lb

A complete line of valve lube sealant fittings and accessories is available.

Operate with Caution and Safety.
Skid-Mounted Lubrication Assemblies

Model 11545
5-quart, 10-lb Pneumatic Unit with 100:1 Ratio Pump And Stainless Steel Hose Reel
- Custom designed and built for a valve manufacturer to use in India’s offshore waters. This unit utilizes a 3/8 inch I.D., 75 ft. hose. With this hose, 110 psi inlet pressure delivers 6,300 psi at the giant button head coupler. At plus 74 °F, this unit will deliver over 10,000 psi with a 10 ft. hose at 110 to 125 inlet pressure.

Model 11610
55-gallon Pneumatic Unit with Stainless Steel Hose Reel
- Custom designed and built for a Valve Manufacturing Production plant. This unit is rated at 7,500 psi and delivers 6-1/4 lbs. in one minute from the end of a ½ inch I.D. 50 ft. hose.

Specializing in Custom Assemblies
- Many other models including hose assembly options, drum sizes, compressor, container and skid types are available.

Operate with Caution and Safety.
DUALCO has been producing Professional lubrication products since 1960. Products are made and assembled in the USA. 100% repairable and recyclable.

DUALCO Inc.  8404 Braniff, Houston, Texas  77061
Tel: 713-644-1164  •  Toll free: 877-538-2526  •  Fax: 713-644-7761
dualco-inc.com  •  Email: dualco@dualco-inc.com
©2018 DUALCO Inc.

Distributed by:
Linc Energy Systems, Inc