

DUALCO™

Professional Lubrication Products for the Oil and Gas Industry



Upstream
Downstream
Midstream
Transmission
Distribution

Onshore
Offshore
Wellheads
Plug, Ball & Gate Valves
API Valves: 6A, 6D, 6C



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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

Professional Lubrication Products for the Oil and Gas Industry



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



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Made in the USA

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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

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

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.

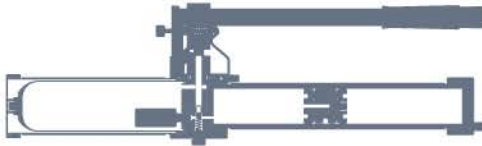
 Operate with Caution and Safety.



Rebuilt Hydraulic Grease Gun Exchange or Repair Program for Models 11000R & 11035

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:

Step	Description
1	Inspection
2	Disassembly
3	Re-plating of Major Parts (11035)
4	Assembly of Rebuilt or Repaired Gun
5	New Fluid Added
6	Inspection & Testing
7	New Box & Packing
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:

Description	Part No.
Body, Fulcrum Assembly	10782, 10772
Grease Barrel, Grease Barrel Cap	10961, 10813
Fluid Bag Barrel, Fluid Bag Barrel Cap	10822, 10823



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.

Made in
the USA

Dualco Screw Prime Grease Guns

Includes Models 10600 -10680, 10700, 10760, 11050, 11070

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.



10,000 psi
Models 10600 / 10700

15,000 psi
Models 10680 / 10760

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.

10600 / 10680 Group

True workhorses with "K" Stick convenience. These gun assemblies also accept "J" size sticks.



Made in the USA



Specifications:

Barrel	1-5/8" I.D.
Capacity	12 oz. or "K" size stick
Delivery 10600	1 oz. / 15 Strokes
Delivery 10680:	1 oz. / 18 Strokes
Operating Pressure 10600	Up to 10,000 psi
Operating Pressure 10680	Up to 15,000 psi
Outlet	1/4" NPT • (other outlet sizes available)
Net Weight 10600 (without hose assembly)	11.5 pounds
Net Weight 10680 (without hose assembly)	11.6 pounds
Dimensions Basic Gun (without hose assembly)	20-5/8 x 2-1/2"

■ 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"

Models Overview



Model Comparison

10,000 psi

Model	GBH Coupler	Gauge	Swivel	Strap
10610	Regular Duty		†	
10610HDC	Heavy Duty (HD)		†	
10635	HD w/ Pressure Release		†	
10645	Regular Duty		Straight	
10655	Regular Duty	•	Straight	
10655HDC	Heavy Duty (HD)	•	Straight	
10675	Heavy Duty (HD)	•	In-Hose	•
10690	HD w/ Pressure Release	•	Z- Type	•

15,000 psi

Model	GBH Coupler	Gauge	Swivel	Strap
10680HDC	Regular Duty		†	
11050	HD w/ Auto Shut-Off Coupler	•	†	•
11070	HD w/ Shut-Off Relief Valve	•	†	•

† These hose assemblies have integral swivels that do NOT swivel after the hose is pressurized.

10610



This gun assembly is popular for lubricating plug valves. The 10610 is relatively easy to use and requires minimal maintenance.

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" • 10631
Giant Button Head Coupler:	Regular Duty • 10630
Net Weight:	12.3 pounds

10610HDC



Like model 10610, this gun assembly is popular for lubricating plug valves. The upgrade to a Heavy Duty Giant Button Head Coupler is the only difference.

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" • 10758
Giant Button Head Coupler:	Heavy Duty • 10850
Net Weight:	12.6 pounds

10635



This gun assembly features an in-line check valve which reduces gun back pressure. Also featured is a Thumb Screw Pressure Release on the GBH coupler, which makes it easier to disengage from the lubricant fitting if there is residual pressure.

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" • 10758
Giant Button Head Coupler:	Heavy Duty with Pressure Release • 10335
In-line Check Valve:	10945
Net Weight:	13.0 pounds

Continued ►

10645



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

10655



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

10655HDC



This gun assembly is the same as model 10655 with an upgraded Heavy Duty Giant Button Head Coupler.

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" • 10872
Giant Button Head Coupler:	Heavy Duty • 10850
Gauge, Gauge Cover / Gauge Tee:	11475 / 10844
Straight Swivel:	10641
Net Weight:	13.6 pounds

10675



This gun assembly is much like the 10655HDC, with a swivel hose in place of the separate straight "live" swivel. Live swivels allow the GBH 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:	Integral In-Line Swivel • 18" • 10758
Giant Button Head Coupler:	Heavy Duty • 10850
Gauge, Gauge Cover / Gauge Tee:	11475 / 10844
Net Weight:	13.6 pounds

10690



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. / 15 Strokes
Operating Pressure:	Up to 10,000 PSI
Hose:	18" • 10872
Giant Button Head Coupler:	Heavy Duty with Pressure Release • 10335
Gauge, Gauge Cover / Gauge Tee:	11475 / 10844
Z - Swivel:	10744
In-line Check Valve:	10945
Net Weight:	14.5 pounds

10680HDC



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

11050



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

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 Assembly:	18" • 10872
Giant Button Head Coupler:	Auto Shut-off • Heavy Duty • 10885
Gauge, Gauge Cover / Gauge Tee:	11475 / 10844
Straight Swivel:	10641
Carrying Strap:	10616
Net Weight:	16.2 pounds

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.

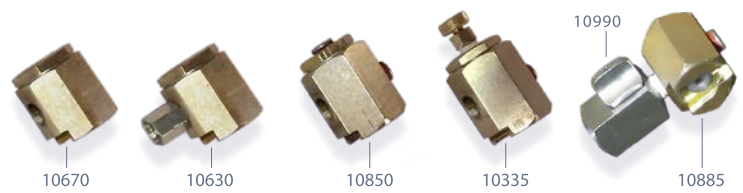
Specifications

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 Assembly:	18" • 10660
Giant Button Head Coupler:	Heavy Duty • 10850
Gauge, Gauge Cover / Gauge Tee:	11475 / 10844
Z-Swivel + Straight Swivel:	10744 / 10641
Carrying Strap:	10616
Net Weight:	17.0 pounds



■ 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.



Giant Button Head Couplers

Model	Description	Connection
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.

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

■ Pressurized Hoses Will Not Twist!



Live Swivels allow pressurized hoses to swivel.

Model	Description	Connection	Weight
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 task 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



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.

Model	Description
11270	For Hydraulic Grease Guns and Air / Hydraulic Injection Guns
11280	for Screw Prime Grease Guns

Capacity	12oz K-size stick
Length	13-1/4"
Weight	2.65 lbs

■ Use only for Non-Pressure applications.



Air/Hydraulic Injection Gun

12000

Model 12000

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

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

■ **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.

Made in the USA



Foot Operated Hydraulic Injection Gun

11725

Model 11725

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

Capacity	One "k" size stick, 12 oz.
Barrel Size	14 oz.
Delivery	12 oz. in 30-60 Seconds
Cycle	1 oz. per 12 Strokes
Self Priming Hydraulic Pump	Standard
Discharge Hose Length	6 feet (Standard)
Outlet	Giant Buttonhead Coupler (other outlet sizes available)
Operating Pressure	10,000 psi
Net Weight	33 pounds
Shipping Weight	37 pounds
Box Dimensions	26" x 18" x 11"

■ **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.

Made in the USA



Packing Stick Injection Tool PSIT

PSIT

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

Model	Description	Weight	Length	Connection
11370	Packing Stick Injection Tool (P.S.I.T.)	6.6 oz.	4-1/8"	1/8" npt M
11780	P.S.I.T. Assembly w/ Hose & Giant Buttonhead Coupler	16.8 oz.	18"	Giant Buttonhead
11770	P.S.I.T. Assembly w/ Hose	9.9 oz.	16-1/2"	1/8" npt M
10230	Flexible Extension Hose Assembly	3.1 oz.	12-1/2"	1/8" npt M/F

■ 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.

Made in the USA



Patent Pending
 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

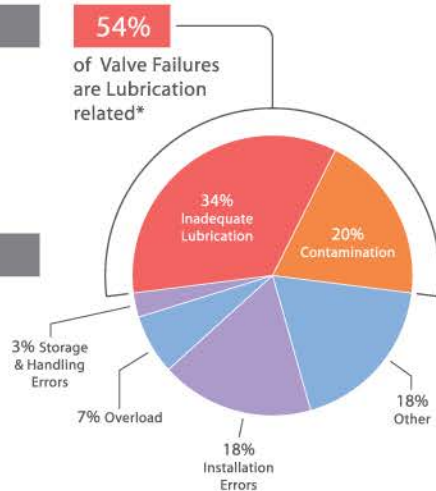
Increases:

- 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

Operating Voltage	12/24 volts (DC) or 110 volts (AC)
Ambient Temperature	-4°F to 104°F (-20°C to 40°C)
Electrical Fuse	10 amp
Lubricant	NLGI 1 - 4
Pressure Range	500 - 3500 psi (34 - 240 bar)
Enclosure	Dimensions (including lifting eye) 32" x 18" x 60" (W,D,H)
	Weight (fully outfitted, does not include discharge hoses) 445 lbs.
	Standard Color (Custom colors, zinc, galvanizing available) Dualco Green
	Material (Aluminum and Stainless enclosures available) 1/8" Steel Plate
	Mobility Lifting eye, Forklift slots & Hinge locking front panel.
Pump	Oz. / Min. 13.84
	Strokes / Min. 175.0
	Oz. per Stroke 0.08 (13 strokes per ounce)
	Lube Sealant Bulk
	Ambient Temperature 70°F
	Air Supply Pressure 80 - 100 psi

*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.

■ 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.

Made in
the USA



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.



■ 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.

Made in
the USA



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.

■ 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 15" (101.5 x 38 cm)
Approximate Net Weight (Empty)	60 pounds (27.5 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.

Made in the USA



Manual Bucket Pumps

3.5 / 5.0 Gallon

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.



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.

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 11185

3.5 Gallon • 20 lb.

- This is a compact pump weighing only 20 lbs. that easily attaches to a 20 lb., 3-1/2-gallon pail of lubricant, sealant, or packing.



Model 11235

5.0 Gallon • 40 lb.

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

- Models 11185 and 11235 do not have springs and follower plates

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

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

■ Delivery / Stroke: 0.063 oz. (1.78 g.) ■ Maximum Pressure: 15,000 psi (1034 Bar)

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

⚠ Operate with Caution and Safety.

Made in the USA



Valve Lubrication Adapter Kit

11575

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)

Model	Product Name
10488	Bleeder Plug • Ball Type, 1/2" NPT(m)
10585	Piggy Back Fitting Adapter – • Standard Button Head Outlet
10720	Pressure Releasing Tool • 1" – 14 UNS(f) Connection
10733	WKM Lubrication Adapter • Giant Button Head Fitting Inlet x 1" - 14 UNS(f) Outlet
10765	Piggy Back Fitting Adapter • Giant Button Head Fitting Inlet x Giant Button Head Coupler Outlet
10850	Giant Button Head Coupler
11102	Lubrication Adapter • Giant Button Head Fitting Inlet x 3/4" – 16 UNF(f) Outlet
11104	Lubrication Adapter • Giant Button Head Fitting Inlet x 7/8" – 14 UNF(f) Outlet
11386	Pressure Releasing Tool • 1/2" – 20(m) Connection, for Packing Injection Fittings
11495	Piggy Back Fitting Adapter • Vent Cap Fitting/Giant Button Head Inlet x Giant Button Head Coupler Outlet
11515	Piggy Back Fitting Adapter • Vent Cap Fitting/Giant Button Head Inlet x Standard Button Head Coupler Outlet
11580	M&J Packing Adapter • 7/16" – 20(m) with Vent Cap Fitting/Giant Button Head
11585	Daniel Packing Adapter • 1/2" – 20(m) with Vent Cap Fitting/Giant Button Head
11576	Rugged Heavy • Duty Case –Corrosion Resistant, Watertight, and Lifetime guarantee
■ 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.

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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 1/2 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.



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