

# DUALCO MANUAL BUCKET PUMPS

**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.

**Model 11210**



**Model 11200**



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

**Model 11220** is the same as model 11200, but with a 1"-14 UNS(f) swivel outlet connection.

**Model 11230** is the same as model 11210, but with a 1"-14 UNS(f) swivel outlet connection.

**Model 11185** 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** 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.

**Model 11185**



**Model 11235**



## INQUIRE REGARDING OTHER AVAILABLE MODELS INCLUDING HOSE ASSEMBLY OPTIONS

### USES FOR THE DUALCO MANUAL BUCKET PUMP INCLUDE

PUMPING MATERIAL INTO VALVES AND PUMPS WHEN HIGH VOLUME & PORTABILITY ARE REQUIRED

### COMMON INDUSTRY APPLICATIONS

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 & MUNICIPAL UTILITIES

### FEATURES

- SAFETY DEVICES INCLUDE BLEEDER VALVE AND RELIEF VALVE
- SUPERIOR PUMPING PERFORMANCE WITH LUBRICANTS, SEALANTS, PACKING & CLEANERS
- EASILY REFILLED
- GREATER PRESSURES ARE ACHIEVABLE WITH LESS EFFORT THAN SCREW-TYPE LEVER GUNS
- HEAVY DUTY, METAL CONSTRUCTION
- LIGHT WEIGHT AND PORTABLE
- IDEAL FOR LONG PRODUCTION WITH LESS EFFORT THAN CONVENTIONAL GUNS
- EASILY SERVICEABLE AND PARTS ARE AVAILABLE

## FOR PUMPING STICK MATERIAL OR HEAVY PACKING, CONSULT DUALCO FOR OTHER EQUIPMENT OPTIONS

### SPECIFICATIONS

### OPERATE WITH CAUTION AND SAFETY

Model	Dual Outlet Pump Connections	Hose Assembly Outlet Connections	Maximum Operating Pressure		Delivery/Stroke		Measurements (LWH)		Net Weight	
			PSI	Bars	Ounce	Grams	Inches	Cm	Pounds	Kg
11200	1/4" NPTF(f)	G. B. Coupler	15,000	1034	0.063	1.78	22 x 13 x 18	55.8 x 33 x 45.6	23.5	10.7
11210	1/4" NPTF(f)	G. B. Coupler	15,000	1034	0.063	1.78	22 x 13 x 21	55.8 x 33 x 53.3	24.5	11.2
11220	1/4" NPTF(f)	1"-14 UNS(f)	15,000	1034	0.063	1.78	22 x 13 x 18	55.8 x 33 x 45.6	24	10.9
11230	1/4" NPTF(f)	1"-14 UNS(f)	15,000	1034	0.063	1.78	22 x 13 x 21	55.8 x 33 x 53.3	25	11.4
11185	1/4" NPTF(f)	G.B. Coupler	15,000	1034	0.063	1.78	22 x 13 x 18	55.8 x 33 x 45.6	20	9.1
11235	1/4" NPTF(f)	G.B. Coupler	15,000	1034	0.063	1.78	22 x 13 x 21	55.8 x 33 x 53.3	21	9.5

THESE PRODUCTS ARE REPAIRABLE AND RECYCLABLE

MADE AND ASSEMBLED IN U.S.A.



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