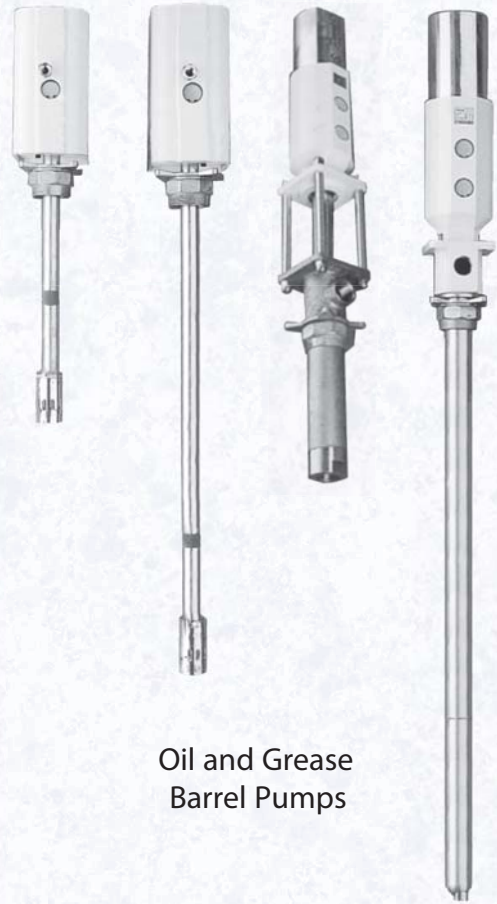


Industrial Lubrication Pumps Hose Reels and Accessories



Grease Control Handle
with Digital Meter



Oil and Grease
Barrel Pumps



Hose Reels



Trucks, Dollies, Bases



Manual Pumps

16 G.P.M.

2" Air motor piston - 4" Stroke



1:1 Ratio Transfer Pumps

Ideal for transferring high volumes of all types of oils (mineral oil, motor oil, hydraulic oil, ATF, cutting oil, diesel, kerosene, etc.) through short runs with small pressure drops.

Highly efficient and reliable, very low noise level, low air consumption. Built in exhaust mufflers, standard.

Patented double-action pump design assures even flow of fluid only 3 parts in the air motor—quick and easy maintenance.

Precision corrosion-resistant parts, high alloy materials, quality seals. Heavy-duty, distortion-free pump tubes.

Technical Data

Max. air pressure	140 psi (10 bar)
Min. air pressure	40 psi (3 bar)
Avg. air cons. @ 100psi (7 bar)	7 cu.ft./min.(200L/min.)
Max. capacity*	16.4 gal./min. (62L/Min.)
Max. head**	39.4 ft. (12m)
Max. outlet pressure(140 psi air)	140psi (10 bar)
Air inlet thread	1/4"NPT(F)
Pump outlet thread	3/4"NPT(F)
Fluid inlet thread	1"NPT(F)
Bung adapter thread	2" (M)

*Free delivery, SAE 20 oil at 70°F (20°C)- Air pressure: 100psi(7bar)

**Air pressure: 140psi (10 bar), SAE 20 oil

Bare Pump Models

Part #	Description
F331120	Stainless Steel Stub Pump
F214	Stub Pump
F216	16 Gallon Drum Pump
F218	55 Gallon Drum Pump

8 G.P.M.

2" Air motor piston - 4" Stroke



3:1 Ratio Transfer Pump for oil distribution system

Ideal for use in oil distribution systems that include pipe lines, hose reels and meters. For portable and stationary systems, for all types of oils and gear oils.

Highly efficient and reliable, very low noise level, low air consumption. Built in exhaust mufflers, standard.

Patented double-action pump design assures even flow of fluid only 3 parts in the air motor—quick and easy maintenance.

Precision corrosion-resistant parts, high alloy materials, quality seals. Heavy-duty, distortion-free pump tubes.

Technical Data

Max. air pressure	140 psi (10 bar)
Min. air pressure	40 psi (3 bar)
Avg. air cons. @ 100psi (7 bar)	5 cu.ft./min.(150L/min.)
Max. capacity*	8.5 gal./min. (32L/Min.)
Max. head**	98.4 ft. (30m)
Max. outlet pressure(140 psi air)	450psi (31 bar)
Air inlet thread	1/4"NPT(F)
Pump outlet thread	3/4"NPT(F)
Fluid inlet thread	1"NPT(F)
Bung adapter thread	2" (M)

*Free delivery, SAE 20 oil at 70°F (20°C)- Air pressure: 100psi(7bar)

**Air pressure: 140psi (10 bar), SAE 20 oil

Bare Pump Models

Part #	Description
F333120	Stainless Steel Stub Pump
F200	Stub Pump
F206	16 Gallon Drum Pump
F208	55 Gallon Drum Pump

NOTE: Two-Year Warranty Standard on Above Pumps. Standard 2" Bung Bushing Supplied with Above pumps

Std Duty Oil & Grease Pumps for transfer & distribution systems

10 G.P.M.

3.5" Air motor - 4" Stroke

40 cu. in./min.

3" Air motor - 1.5" Stroke



5:1 Ratio HD Pumps for oil distribution systems

Heavy-duty pumps designed to pump high volumes of oil, even those of higher viscosity (SAE 140), through long lines, hose reels and meters. Capable of serving several outlets simultaneously.

Patented double-action pump design assures even flow of fluid. Low noise level, efficient, reliable, heavy-duty design. Built in exhaust mufflers, standard.

Precision corrosion-resistant parts, high alloy materials, quality seals. Heavy-duty, distortion-free pump tubes.

Muffled exhaust, no icing. Long stroke means fewer cycles for less wear and longer pump life. In a class by itself, hi-tech, rugged but simple design.

Technical Data

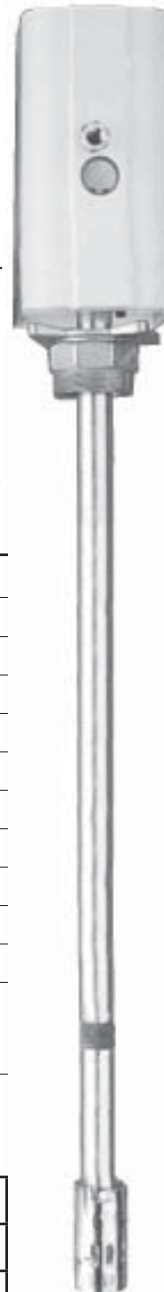
Max. air pressure	140 psi (10 bar)
Min. air pressure	40 psi (3 bar)
Avg. air consumption*	7 cu.ft./min.(200L/min.)
Max. capacity @ 85psi (6 bar)*	10 gal./min. (37L/Min.)
Max. head**	164 ft. (50m)
Max. pressure output(140 psi air)	700psi (50 bar)
Air inlet thread	3/8"NPT(F)
Pump outlet thread	1"NPT(F)
Fluid inlet thread	1"NPT(F)
Bung adapter thread	2" (M)

*Free delivery, SAE 20 oil at 70°F (20°C)- Air pressure: 85psi(6bar)

**Air pressure: 140psi (10 bar), SAE 20 oil

Bare Pump Models

Part #	Description
F400	Stub Pump
F406	16 Gallon Drum Pump
F408	55 Gallon Drum Pump



55:1 Ratio High Pressure grease pumps

High pressure grease pumps handle all types of grease up to and including NLGI 2 directly from 35 lb., 120 lb. and 400 lb. grease containers. For portable and stationary systems that include pipe lines, hose reels and control handles.

Shovel type self-pumping product piston. Integral intake suction strainer ensures non-fouling operation.

Highly efficient double-action pump design assures even flow of fluid, low noise level and low air consumption. Built in exhaust mufflers, standard.

Efficient and reliable—minimum maintenance.

Technical Data

Max. air pressure	140 psi (10 bar)
Min. air pressure	40 psi (3 bar)
Avg. air consumption	5 cu.ft./min.(150L/min.)
Max. delivery*	40 cu.in./min. (650cc/Min.)
Max. pressure output(140psi air)	7,700 psi (530 bar)
Air motor diameter	3" (70 mm)
Piston stroke	1.5" (38 mm)
Suction strain dia.(pump foot)	1.6" (38 mm)
Air inlet thread	1/4"NPT(F)
Pump outlet thread	1/4"NPT(F) (+1/2"-27M conn)
Bung adapter thread	2" (M)

*Free delivery, NLGI #2 at 70°F (20°C)- Air pressure: 100psi(7bar)

Bare Pump Models

Part #	Description
F300	35 lb. Pail Pump
F302	120 lb. Drum Pump
F304	400 lb. Drum Pump

NOTE: Two-Year Warranty Standard on Above Pumps. Standard 2" Bung Bushing Supplied with Above pumps

Stationary pumps for central supply systems & reel installations



Model F306

Model F308



Model F222

Model F224



55:1 Grease Service

Model F306

For 120 lb. open top drum.

Includes the following:

Model F302 55:1 Ratio pump with cover mounting adapter

Model F1936 Drum cover for 120 lb. drum.

Model F903 Connecting hose installation hook-up kit.

Model F308

For 400 lb. open top drum.

Includes the following:

Model F304 55:1 Ratio pump with cover mounting adapter

Model F1938 Drum cover for 400 lb. drum.

Model F903 Connecting hose installation hook-up kit.

Model F335^(not shown) For 35 lb. pail.

Includes the following:

Model F300 55:1 Ratio pump with cover mounting adapter

Model F1934 Drum cover for 35 lb. pail.

Model F903 Connecting hose installation hook-up kit.

NOTE: Order Follower Plate separately (see page 4).

3:1 Oil Service

Model F204

For 16 gal. open top drum.

Includes the following:

Model F206 3:1 Ratio pump with cover mounting adapter

Model F1936 Deluxe Drum cover for 16 gal. drum.

Model F904 Connecting hose hook-up kit.

Model F222

For 55 gal. bung type drum.

Includes the following:

Model F208 3:1 Ratio pump with 2" bung bushing.

Model F904 Connecting hose hook-up kit.

Model F224

For 55 gal. open top drum.

Includes the following:

Model F208 3:1 Ratio pump with cover mounting adapter

Model F1938 Deluxe Drum cover for 55 gal. drum.

Model F904 Connecting hose hook-up kit.

3:1 Ratio stub pump - 8 G.P.M.

Model F353120

3:1 Ratio stub pump only with 2" bung adapt.

Outlet: 3/4NPT(F) Inlet: 3/4"NPT(F) Air: 1/4"NPT(F)

Original container units for gear lube, motor oil, ATF & other fluids

5:1 Oil, Gear Lube, Fluid Service

Model F402 For 16 gal. bung type drum.

Includes the following:

Model F406 5:1 Ratio pump with 2" bung bushing

Model F906 Connecting hose hook-up kit.

Model F404 For 16 gal. open top drum.

Includes the following:

Model F406 5:1 Ratio pump with cover mounting adapter

Model F1936 Drum cover for 16 gal. drum.

Model F906 Connecting hose hook-up kit.

Model F422 For 55 gal. bung type drum.

Includes the following:

Model F408 5:1 Ratio pump with 2" bung bushing

Model F906 Connecting hose hook-up kit.

Model F424 For 55 gal. open top drum.

Includes the following:

Model F408 5:1 Ratio pump with cover mounting adapter

Model F1938 Drum cover for 55 gal. drum.

Model F906 Connecting hose hook-up kit.



Model F402

Model F404



Model F422

Model F424

Installation Hook-up Kits

Model F903

High pressure connecting hose installation hook-up kit for 55:1 ratio grease pumps. Includes the following:

Model F801 2' Air hose, 1/4"NPT (M) both ends

Model F930 Quick air coupler 1/4"NPT(F)

Model F931 Quick air nipple 1/4"NPT (M)

Model F871 5' high pressure grease hose 1/2"-27(F) both ends

Model F1108 High pressure swivel coupler 1/2"-27(M) x 1/4"(M)

Model F904

Medium pressure connecting hose installation hook-up kit for 1:1 and 3:1 ratio fluid pumps. Includes the following:

Model F801 2' Air hose, 1/4"NPT (M) both ends

Model F930 Quick air coupler 1/4"NPT(F)

Model F931 Quick air nipple 1/4"NPT (M)

Model F857 5' medium pressure 3/4"hose 3/4"NPT(M) ends

Model F906

Medium pressure connecting hose installation hook-up kit for 5:1 ratio fluid pumps. Includes the following:

Model F822 2' Air hose, 1/2"NPT (M) both ends

Model F940 Quick air coupler 1/2"NPT(F)

Model F941 Quick air nipple 3/8"NPT (M)

Model F857 5' medium pressure 3/4"hose 3/4"NPT(M) ends

Model F1953 Pump to hose connect. 1"NPT(M) x 3/4"NPT(F)

Steel follower plates: rubber gromet and wiper



Model F962

Follower for 35 lb. pail

Model F964

Follower for 120 lb. drum

Model F966

Follower for 400 lb. drum

Heavy-duty deluxe drum covers

Model F1934

Cover for 35 lb. pail, complete with mounting hardware

Model F1936

Cover for 120 lb. drum, complete with mounting hardware

Model F1938

Cover for 400 lb. drum, complete with mounting hardware

Specialty pumps and accessories



Bung Adapters

F2028	F300, F302 & F304
F366002	9035, 9120 & 9400
F4100001	F622 & F624



5:1 Ratio stub pump - 10 G.P.M.

Model F400

5:1 Ratio stub pump only with 2" bung adapter
 Outlet: 1" NPT(F). Inlet: 1"NPT(F). Air: 3/8"NPT(F)

Model F404

For standard 250 gallon work bench type tank. Includes the following:

Model F408	5:1 Ratio pump with 2" bung bushing
Model F906	*Connecting hose hook-up kit.

*See page 4 for description.



26:1 Ratio for oil and grease up to NLGI #2

Technical Data 26:1 Pumps

Max. Air Pressure	200 psi (14 bar)
Min. Air Pressure	30 psi (2 bar)
Avg. Air Consumption	7 cfm
Max. Output	5.25 lbs/minute
Max. Pressure	5200 psi (353 bar)
Air Inlet Thread	1/4"NPT(F)
Outlet thread	3/8"NPT(F)
Pump Mounting	Flange (bung optional)

Model 39739 & 39740 26:1 Pumps & Accessories

PART NUMBER	DESCRIPTION
39739	26:1 Bare pump for 120 lb. drum
39740	26:1 Bare pump for 400 lb. drum
ADA10121B	Bung adapter for 26:1 pumps
338371	120 lb. drum cover
338163	400 lb. drum cover
200225	120 lb. follower plate
338911	400 lb. follower plate

NOTE: BUNG ADAPTER MUST BE ORDERED SEPARATELY.

Specialty pumps and accessories



316 Stainless steel pumps

To pump any fluid compatible with AISI-316 stainless steel, PTFE (Teflon), and Viton. Air motor divorced from the pump to avoid fluid contamination inside the motor. Hi-tech, long stroke piston pumps for handling water-based fluids as well as other slightly corrosive fluids. Not for use with strong acids. Some fluids that can be handled: • Alcohol • Benzol • Trichloroethane • Toulene • Anti-freeze • Detergents • Brake Fluid • Xylene

Model F331120

1:1 ratio SS pump only. Fluid inlet: 1"NPT(F) Fluid outlet: 1"NPT(F) Air inlet: 1/4NPT(F)

Model F333120

3:1 ratio SS pump only. Fluid inlet: 1"NPT(F) Fluid outlet: 1"NPT(F) Air inlet: 3/8NPT(F)

Air regulators and gauges - Mounting brackets



Model F976

1/2" Regulator with 0-250psi range and 2", 0-160 psi pressure gauge.

Model F973

Same as F976 except 3/8".

Model F980

Same as F976 except 3/4".

Filters



Model F982

3/4" Filter

Model F978

1/2" Filter

Model F975

3/8" Filter

Lubricators



Model F981

3/4" Lubricator

Model F977

1/2" Lubricator

Model F974

3/8" Lubricator

Filter, regulator, lubricator combo



Model F985

1/2" Filter, regulator (0-250psi) gauge (2", 0-160psi), lubricator.

Model F984

Same as F985 except 3/8".

Model F986

Same as F985 except 3/4".

Model F989

Mount kit for combo units.

Drum Heater Insulated Blankets

Model 37506- Fits size 120 lb. drums (15 gal/57 liter)

Model 55286- Fits size 400 lb. drums (55 gal/208 liter)

General Description

Drum heater blankets protect products by maintaining desired temperature through an evenly heated area. Includes an adjustable thermostatic controller that allows setting and managing the material temperatures.

Technical Data

Approx Temp: 160°F+/-10°(71°C+/-5°)

Voltage: 120VAC

Model 37506

Model 55286

Wattage: 400(+/-5%)

Wattage: 960(+/-5%)

Amps: 3.33(+/-5%)

Amps: 8.00(+/-5%)



Refer to the following documents for more info:
+ Datasheet #35745: Drum Heater Blankets

Low Level Switch Kit for 120/400 lb. Drums

Model LC10243 - For 120 lb. drums (15 gal/57 liter)

Model LC11036 - For 400 lb. drums (55 gal/208 liter)

Notes: (1) Requires cover and follower plate - order separately.

(2) Customer/user to provide 15/16" hole in cover.

(3) Can be used with any MFG pump.

Mini filter, regulator, lubricator



Model F995

1/4" FRL combo.

Model F991

1/4" Mini regulator & gauge

Model F992

1/4" Mini lubricator

Model F993

1/4" Mini filter

Model F996

Mni wall mount bracket

Heavy duty 6" air motor; 4-1/2" stroke grease & oil pumps



6" Heavy Duty for 55 gallon / 400 lb. drum

Features that make the difference

- 55:1 grease pumps are offered in standard drum sizes - 120lb/400lb.
- 10:1 oil pumps are available as stub pumps and can be fitted to any size drum or tank.
- Heavy duty, high pressure/performance grease/oil pumps for installations:
 - Having long dispense lines.
 - Where low pressure would limit pump performance
 - In cold weather and severe duty operations
- Air motor tested to more than 5 million cycles. Pump design incorporates a double acting-priming piston.
- Grease pumps handle up to NLGI #3 grease
- Corrosion resistant parts including aluminum alloy steel, polyurethane, and nitrile.
- Deluxe powder coat finish on air motor
- Quiet dual muffler exhaust incorporated into air motor
- Longer stroke allows fewer cycles, producing less wear, longer life and no icing.
- Two year warranty

Technical Data 10:1 Pumps

Max. Air Pressure	160 psi (11 bar)
Min. Air Pressure	10 psi (0.7 bar)
Avg. Air Consumption*	8 cfm (285 L/M)
Max. Output*	16 gpm (60 L/M)
Max. Pressure	1600 psi (110 bar)
Air Inlet Thread	1/2" NPT(F)
Fluid Outlet Thread	3/4" NPT(F)
Fluid Inlet Thread	1-1/2" NPT(F)
Pump Mounting	Flange (bung optional)
Noise Level	65 dB

*Free delivery with SAE 10 wt. oil @ 70°F (20°C).
Air pressure 100psi (7 bar)

10:1 Oil Pumps and Accessories

Part No.	Description
F600	10:1 Stub Pump
F913	Medium pressure hose kit for 10:1 pumps
F360109	Wall mounting kit
F360006	Bung Adapter for 10:1 pumps
F418025	16 gallon drum cover
F418026	55 gallon drum cover
F360133	Cover bung adapter plate

NOTE:
BUNG ADAPTER & ADAPTER PLATE MUST BE ORDERED SEPARATELY.

Technical Data 55:1 Grease Pumps

Max. Air Pressure	160 psi (11bar)
Min. Air Pressure	30 psi (2 bar)
Avg. Air Consumption*	8 cfm (285 L/M)
Max. Output*	12 lbs/minute (5.1 kg/M)
Max. Pressure	8800 psi (607 bar)
Air Inlet Thread	1/2" NPT(F)
Grease Outlet thread	3/8" NPT(F)
Pump Mounting	Flange (bung optional)
Noise Level	65 dB

*Free delivery with NLGI #2 grease @ 70°F (20°C).
Air pressure 100psi (7 bar)

55:1 Grease Pumps and Accessories

F622	55:1 Bare pump for 120 # drum
F624	55:1 Bare pump for 400 # drum
F915	High pressure hose kit for 55:1 pumps
F410001	Bung adapter for 55:1 pumps
F418025	120 # drum cover
F418026	400 # drum cover
F964	120 # follower plate
F966	400 # follower plate
F360133	Cover bung adapter plate

NOTE:
BUNG ADAPTER & ADAPTER PLATE MUST BE ORDERED SEPARATELY.

F111 PUMP HOIST

Designed to lift BDI 6" pumps pneumatically for drum changing. Lift unit consists of a steel tube that rises in a cast iron bearing under air pressure. Steel top beam has 360° swivel action at any height, and is adjustable in length. Adjustable chain and hook included with hoist. Can be used with other drum pumps by utilizing a strap.

Electric Grease Drum Pumps



120 lb. 110-volt

Description

Bijur Delimon's AC or DC electric barrel pumps will replace the air or hydraulic operated pumps now used for lube systems on mobile or stationary equipment. Installation is cleaner - no air or hydraulic lines to install/leak. Simply wire into the machines 12, 24, or 110-volt supply. Pressure rated to 4000 psi. Will fit original refinery 35 and 120 lb. drums.

All models include drum cover, and follower plate.

OPERATION

12/24 VDC Pumps

The pump end (bottom) consists of a hardened steel bushing, through which the piston runs. As the piston strokes down, grease is pushed past the check valve ball and out through the extruded discharge holes in the pump stem. As the piston strokes up, the check valve prevents drawback, and a vacuum is created inside the bushing. When the piston uncovers the suction holes in the bushing, another charge of grease is drawn in through the suction ports on the bottom of the stem and into the bushing. The cycle then repeats.

115 VAC Pumps

The 115 VAC Pumps use a 1/4 hp., open drip-proof gearmotor, with a cam and roller follower to actuate the pump plunger. Bottom-end (pump) is identical to the DC units.



35 lb. 12/24 volt

ELECTRIC BARREL PUMP SPECIFICATIONS

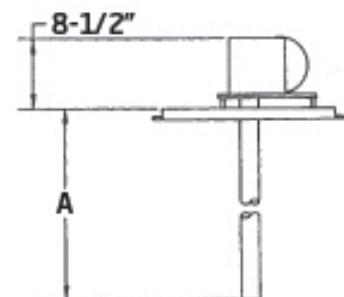
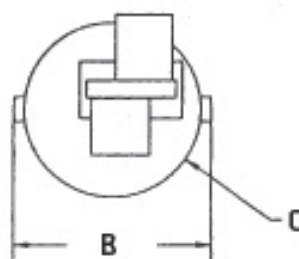
P.N.	VOLTAGE	CONTAINER SIZE	MAX PRESSURE	LUBE FLOW OUTPUT/MIN	AMP DRAW NORMAL	AMP DRAW SPIKE
FEP312	12VDC	35 lb. pail	4000PSI	14.5 cu.in.	See Note 1	80 Amps
FEP322	12VDC	120 lb. drum		14.5 cu.in.	See Note 1	80 Amps
FEP712C	24VDC	35 lb. pail	3500PSI	12 cu.in.	See Note 2	40 Amps
FEP722C	24VDC	120 lb. drum		12 cu.in.	See Note 2	40 Amps
FEP812	115VAC 50/60 Hz	35 lb. pail		11 cu.in.	See Note 3	5 Amps
FEP822	115VAC 50/60 Hz	120 lb. drum		11 cu.in.	See Note 3	5 Amps

- NOTES:
- 12VDC 15-20 amp draw @ free flow. 30-40 amp draw @ 3000psi
 - 24VDC 10 amp draw @ free flow. 15-20 amp draw @ 3000psi
 - 120VAC 5 amp draw @ free flow or 3000psi
 - Lube outlet is 1/4" NPT(F)

NOTE: Lube containers supplied by others.

Dimensions for AC/DC Pumps

DIM	35 lb. Pail	120 lb. Drum
A	13"	25-1/2"
B	14-5/8"	17-1/2"
C	12-1/2"	15-1/4"



Refer to the following documents for more info:
+ Datasheet #35975: Electric Drum Pumps

Manual pumps and accessories

Manual grease fill pump kits

- Model 37303** Manual Grease Fill Pump Kit (120 lb. drum)
- Model 37304** Manual Grease Fill Pump Kit (35 lb. pail)

Use to fill grease reservoirs & grease guns quickly and efficiently. Product mounts directly to original 120 lb. drum & 35 lb. pail.

Included Items: Cover, Follower Plate, Loader Extension, Loader Coupler. Also included is 6 foot hose with all fittings required to attach to pump and two fill couplers supplied for grease reservoirs - one female quick coupler for hydraulic stud (used on Aeroflow/BL3/Dynamis-Dynamis Maxx/TTN reservoirs), one for standard fill stud (used on Multiport/CS2000 and TP type reservoirs).

Develops 500 psi Delivery: 1 lb. per 6 strokes.



Model 37303

Heavy duty original container units

- Model F1984**

Heavy duty hand operated high pressure (6,000 psi) grease pump unit. Fits 35 lb. pail. Complete with pump, cover, 5' hose, pipe with coupler, carry handle and follower plate.



Model F1984



Model F1243

Transfer pumps

Heavy duty, high quality hand-operated transfer pumps. For light, medium and heavy automotive, petroleum and industrial products.

- Model F1243**

Has Viton® seals, useable with alcohols, degreasers, solvents, oils and anti-freeze. Long, curved removable steel spout with garden hose threads. Output is .45 liters per stroke.

PORTABLE CARTS - Trucks • Dollies • Bases

- Model F1301**

2 wheel dolly - for 35, 50 and 120 lb. drum.

- Model F1302**

Band type dolly for 35 lb. pail.

- Model F1303**

4 wheel cart - for 120 lb. drums. Similar to F1301

- Model F1304**

Band type dolly for 120 lb. pail.

- Model F1305**

Heavy duty 3 wheel platform truck for 55 gallon drum. Swivel wheel with locking brake. Will hold drum and hose reel.

- Model F1306**

X-frame type dolly for 400 lb. drum.



Model F1301



Model F1305



Model F1302



Model F1304



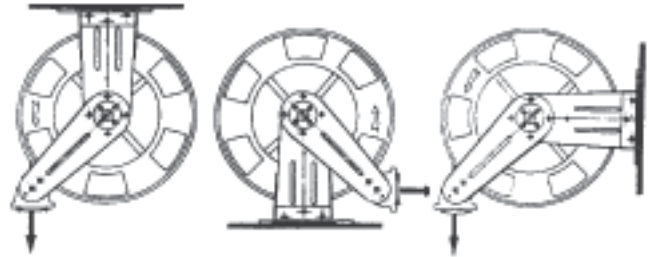
Model F1306

Hose Reels

Features that make the difference



Universal Installation



CM
Ceiling Mount

RF
Rear Floor

SR
Side Roller

Features

Double pedestal side supports and hose guide arms

- Reel is supported on both sides, gusset-reinforced pedestals and arms.
- The pedestal arms stay rigid—no bending, even when the hose is pulled at an angle.
- Less vibration, less bending—longer life.
- Hose is guided on both sides, without side to side bending—less wear and tear on both reel and hose.
- Guide arms are adjustable to any of three different mounting positions to provide the ideal configuration for wall, ceiling, floor, pit or truck mounting.

Heavy-duty construction

- Heavy gauge plate steel.
- Welded, with gussets, for additional strength and rigidity.

Hardened shaft and corrosive-proof swivel

- Extended leak-proof seal life.

Full flow porting

- Fully ported hub—no flow restrictions. Maximum fluid delivery for faster dispensing.

Permanently lubricated bearings

- Positive reel recoil every time.
- Reduced maintenance, less downtime.
- Prolongs reel life.

Compact narrow design

- The narrow design and easily rotated guide arm virtually solve all installation problems.
- Reels are shipped in the CM position and can be easily changed on site.
- Engineered to save installation space.

Heavy-duty latch mechanism

- Non sparking.
- Positive, audible hose position lock.

Trouble-free floating reel spring

- Enclosed spring.
- Complete canister can be removed and replaced.
- No accidental fly-back damage.

Conical hose stopper

- To avoid striking against other objects.

Sinterized powder coated

- High resistance against wear.

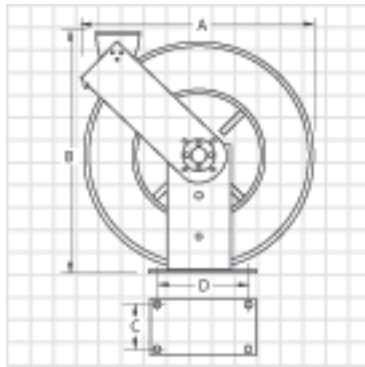
Parts and labor warranty

- **Two-year warranty.**

Standard Reels



Shown with inlet hose - order extra



- A: 19-1/4"
- B: 20-1/2"
- C: 5-3/16"
- D: 8-1/2"

Standard Capacity 1400 Series

1400 Series heavy-duty, quality hose reel engineered to save space
Heavy-duty design

- The narrow design and easily rotated guide arm virtually solve all installation problems.
- Holds up to 40' of 1/2" Hose
- For 1/4", 3/8" and 1/2" I.D. Hose
- Swivel inlet: 1/2" NPT(F) Medium pressure ; 1/4" NPT(F) High pressure

Medium pressure - Oils, Fluids

1 - Wire braid hose (2000 psi)

F1428	30'	1/2"	F851
F1426	40'	1/2"	F853
F1402	Reel only with swivel (3000 psi) - no hose		

High pressure - Grease

2 - Wire braid hose (5000 psi)

F1431	30'	1/4"	F876
F1432	40'	1/4"	F878
F1403	Reel only with swivel (8000 psi) - no hose		

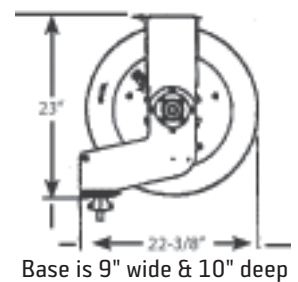
*Reels include inlet swivel, models with hose include hose stop. See page 14 for inlet connecting hoses.



Heavy duty 3/4" Hose Reel

7500 Series Heavy Duty Design

- Dual pedestal base and dual guide arms with extra strength tie bar construction.
- HD Steel with powder coat finish.
- Full flow porting.
- HD 3/4" medium pressure swivel.
- HD roller outlet with 4 plates of steel.
- Lifetime lubricated all metal babbit type bearings.
- Adjustable outlet arms.



Medium pressure - Oils, Fluids

1 - Wire braid hose (2000 psi)

F1428	30'	1/2"	F851
F1426	40'	1/2"	F853
F1402	Reel only with swivel (3000 psi) - no hose		

- Comes SR (side roller) mount. Can be indexed for ceiling mount.
- Same bolt hole mounting pattern as our standard reels.

Extra Heavy-duty Large Capacity Reels

Heavy-duty 1600 Series

Extra heavy-duty design 1600 series*

- Welded base and dual side support construction.
- Heavier, thicker gauge steel. 50% heavier than our standard capacity series reels.
- Dual adjustable outlet arms. Extra strength tie bar construction.
- Heavy-duty roller outlet. Assembled with 3 plates of steel.
- Easy to mount. Same bolt hole pattern as our standard capacity series reels.

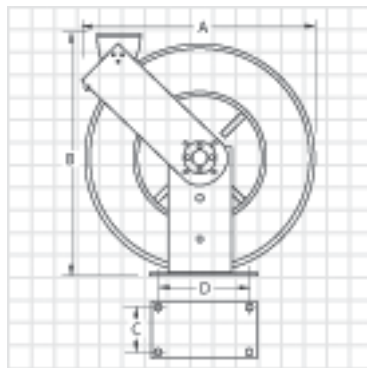
Holds up to 60' of 1/2" I.D. Hose

For use with 1/4", 3/8" and 1/2" I.D. Hose

Swivel inlet: 1/2" NPT(F) Low pressure

1/2" NPT(F) Medium pressure

1/4" NPT(F) High pressure



A: 20-1/2"

B: 22-1/4"

C: 5-3/16"

D: 8-1/2"



Shown with inlet hose - order extra

Low Pressure - Air, Water

Reel Model	Hose Model	Length	Hose I.D.	psi	Hose Stop	Notes
F1663	F829	50'	1/2"	300	F2026	Complete Assembly
F1665	F830	60'	1/2"	300	F2026	Complete Assembly
F1651	Reel only with swivel - (3000 psi) - no hose					

Medium Pressure - Oil, Fluids

Reel Model	Hose Model	Length	Hose I.D.	psi	Hose Stop	Notes
F1674	F854	50'	1/2"	2500	F2026	Complete Assembly
F1676	F855	60'	1/2"	2500	F2026	Complete Assembly
F1652	Reel only with swivel - (3000 psi) - no hose					

High Pressure - Grease

Reel Model	Hose Model	Length	Hose I.D.	psi	Hose Stop	Notes
F1682	F892	50'	3/8"	4000	F2024	Complete Assembly
F1683	F893	60'	3/8"	4000	F2024	Complete Assembly
F1653	Reel only with swivel - (3000 psi) - no hose					

*Reels include inlet swivel, models with hose include hose stop. See page 14 for inlet connecting hoses.

Reel Accessories

Hose Stops



Model	For Hose I.D.
F2022	1/4"
F2024	3/8"
F2026	1/2"

Inlet Connecting Hoses

Inlet hoses are used between reel and permanent plumbing, especially where vibration is present. All inlet Hoses are 24" long.

Model	Hose I.D.	Hose Ends	psi
F822	1/2"	1/2" NPT	300
F845	1/2"	1/2" NPT	2500
F883	3/8"	3/8" NPT	4000

Swivels & outlets - high pressure



Model	Type	Threads
F1105	"Z"	1/4" NPT x 1/4" NPT(F)
F1108	Straight	1/4" NPT X 1/2" NPT
F1120	Curved outlet pipe	1/8" NPT
F1124	H.D. 3 jaw hydraulic coupler (air power equipment only)	1/8" NPT(F)

Inlet Connecting Hoses



Model F1113



Model F1115-2

Model	Inlet	Swivel	Outlet	Coupler
F1113	1/4" NPT(F)	No	F1120	F1124
F1115-2	1/4" NPT(F)	F1105	F1120	F1124

Swivels & outlets - high pressure



Model F1134



Model F1171

Model	Service	Inlet Thread	Outlet	Description
F1134	ATF	1/2" NPT	F1135	Flex Hose
F1171	Oil		F1139	Outlet

High Pressure Grease Meter

F1177 Heavy duty high pressure grease control handle with digital meter. Includes F1104 Z swivel 1/4" NPT(F), HP wire braid flex hose and HP grease coupler. Ergonomic design for comfortable and smooth operation.

F411103 Heavy duty high pressure digital display electronic grease meter. Measures in ounces. Easy to replace (2) AAA batteries. 1/8" FPT inlet and outlet. Flow rate is 36 oz./min. Max working pressure is 500 bar (7100 psi). Burst pressure is 1000 bar (14,200 psi).



Model F1177

Technical Information

Max. Working Pressure	500 bar (7100 psi)
Min. Rupture Pressure	1000 bar (14,200 psi)
Flow Rate	-> 1000 gr/min (36 oz./min.)
Accuracy (after field calibration)	+ 2%
Battery duration	1000h
Weight	3 lbs. (1.4 kg)



Model F411103

Whatever your automatic
lube requirement...

We have the solution!



Series Progressive



Injectors



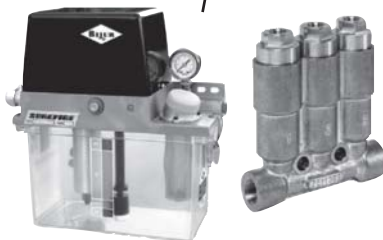
Flowmeters



Dualine



Oil Recovery Unit



SureFire-PDI



Refillable
Single Point

Let 80+ Years Of Experience Design Your Next Lube System

BDI has been a manufacturer of automatic lubricating systems for over 80 years. We offer a complete line of pumps, valves, controllers, and accessories. Our pump line includes manual, air, electric, and hydraulic actuated models. Our valve offering is the most comprehensive in the industry. We manufacture oil and grease Dualine valves, series progressive modular valves, and injectors. We also offer air/oil mixing modules, oil flow meters, and single point lubricators.

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