



Air Powered Pump Line

**Complete Series of Drum
and Pail Supply Pumps
for Industrial Sealants
and Adhesives**



Model DH-1060-V shown



Choice

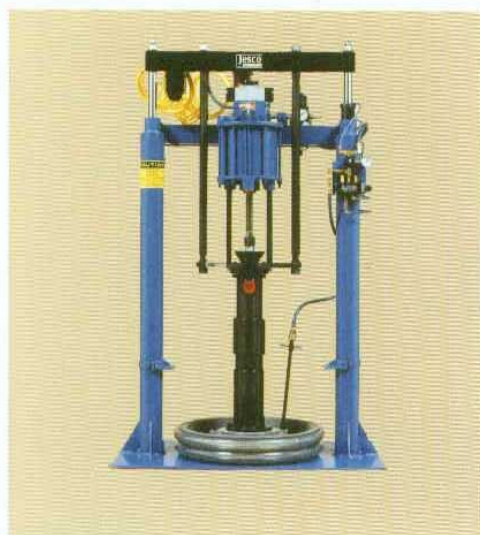
Jesco is proud to introduce its Mastercraft Pump Line. Keeping with our long-standing reputation as leaders in the meter, mix and dispense industry, Jesco has incorporated the same simple design and ease of operation principles into each Mastercraft pump series.

The Mastercraft Pump Line provides maximum pump efficiency with minimum upkeep at a low cost. The Jesco/Mastercraft combination offers our customers a complete dispensing package: pump-dispenser-gun.

Features	Advantages
Generic "ISO" mount air valve. International standard compliance.	Accepts Ross, Mac, Herion, Numatics, or plant preferred air valve.
Divorced design air circuit.	Full range control – positive shifting of air motor at any pressure.
6" pump stroke.	Greater pump efficiency.
Oversized elevator piston rods.	No binding/smooth operation.
Cast follower has full flow intake.	Greater volumetric pump efficiency.
Hardened and ground pump components.	Maximum reliability with minimum maintenance.
Optional "state-of-the-art" seals.	Choice of seal compounds for reduced maintenance.
Modular interchangeability of air motors, foot valves, elevators and followers.	Conversion flexibility.

DC, DH and DB Series

Designed for high production use. This work horse series processes high viscosity heavy body materials at low or high flow rates. Low level detection is standard.



Model DC-0840-V shown

DC = Drum pump with follower, double action "chop-check," and 3" diameter double ram.

DH = Drum pump with follower, double action "chop-check," and 5½" diameter double ram.

DB = Drum pump with follower, double action "double ball," and 3" diameter double ram.

Model No.	Nominal Pressure Ratio	Cubic Inches Per Cycle Delivery	Maximum Fluid Pressure (psi)
DC-0620-V	20:1	15	2000
DC-0840-V	40:1	15	4000
DH-0840-V	40:1	15	4000
DH-1060-V	60:1	15	6000
DB-0820-P	20:1	31	2000
DB-1030-P	30:1	31	3000

GF Series

Pumps low viscosity gravity feedable materials from 55 gallon drum or tote containers.



Model GF-0610-P shown

GF = Gravity feed, floor flange mounted pump with double action "double ball" foot valve.

Model No.	Nominal Pressure Ratio	Cubic Inches Per Cycle Delivery	Maximum Fluid Pressure (psi)
GF-0610-P	10:1	31	1000
GF-0820-P	20:1	31	2000
GF-1030-P	30:1	31	3000

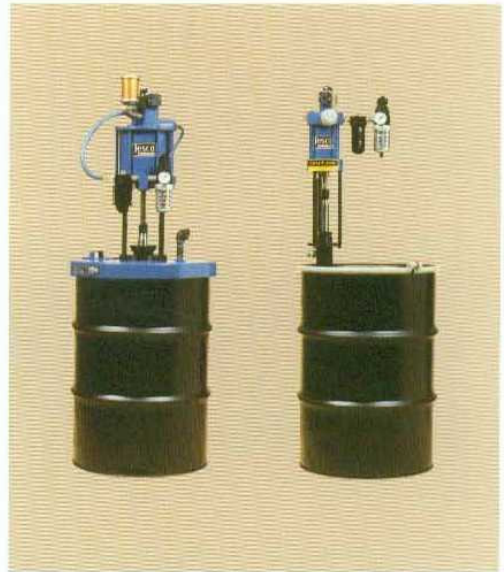
DT and BH Series

Used for pumping medium viscosity flowable fluids, glues, lubricants, etc. from open top, or 55 gallon bung hole drums.

DT = Drum top pump with double action "double ball" foot valve.

BH = Bung hole drum pump with double action "double ball" foot valve.

Model No.	Nominal Pressure Ratio	Cubic Inches Per Cycle Delivery	Maximum Fluid Pressure (psi)
DT-0610-P	10:1	31	1000
DT-0820-P	20:1	31	2000
DT-1030-P	30:1	31	3000
BH-0410-T	10:1	9.6	1000
BH-0623-P	23:1	14	2300



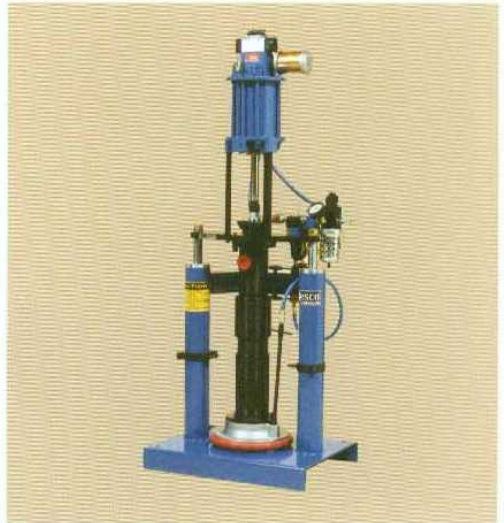
Model DT-0820-P and BH-0410-T shown

PD Series

Pumps a wide range of materials directly from 5 gallon pail, heavy grease, caulks, silicone, or any high viscosity paste material.

PD = Pail pump with follower, double action "chop-check," and 3" diameter (5 gallon) double ram.

Model No.	Nominal Pressure Ratio	Cubic Inches Per Cycle Delivery	Maximum Fluid Pressure (psi)
PD-0620-V	20:1	15	2000
PD-0840-V	40:1	15	4000
PD-1060-V	60:1	15	6000



Model PD-0620-V shown

PS, PC and PB Series

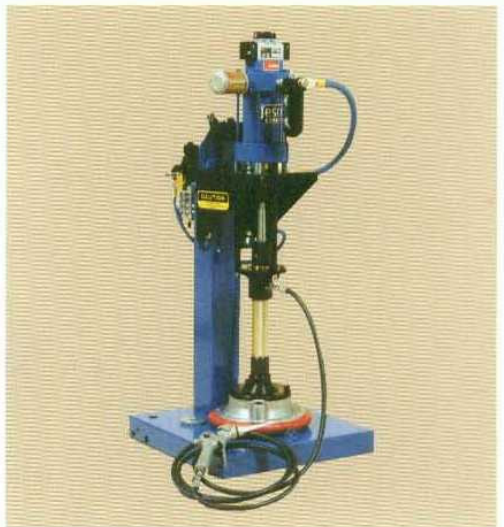
Designed for handling low viscosity pourable or medium viscosity paste materials direct from 5 gallon pails.

PS = Pail pump with follower, double action "chop/ball" foot valve, and single post ram.

PC = Pail cover pump with double action "double ball" foot valve.

PB = Bung hole pail pump with double action "double ball" foot valve.

Model No.	Nominal Pressure Ratio	Cubic Inches Per Cycle Delivery	Maximum Fluid Pressure (psi)
PS-0426-T	26:1	3.8	2600
PC-0410-T	10:1	9.6	1000
PB-0410-T	10:1	9.6	1000



Model PS-0426-T shown

Available Pump Accessories

- Flow guns
- Material hoses
- Auto crossover
- Low level detection
- Power operated flow valves
- Gauges
- Fluid regulators
- Agitators
- Filters
- Heaters
- Accumulators

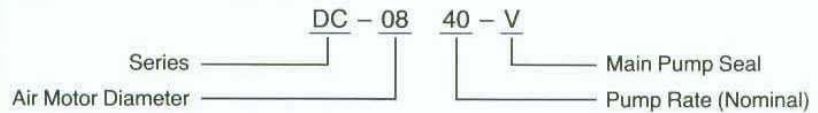
Other Jesco Systems

Our product line is unique and extensive, accommodating virtually any budget . . . beginning with an inexpensive directional flow valve and progressing to our completely automated gantry dispensing package, and beyond.

- Single/two component dispensers
- Two component mixers (static or dynamic)
- Precision lubrication systems
- Fluid metering and filling dispensers
- Electric and hydraulic drive packages
- Open or closed loop technology

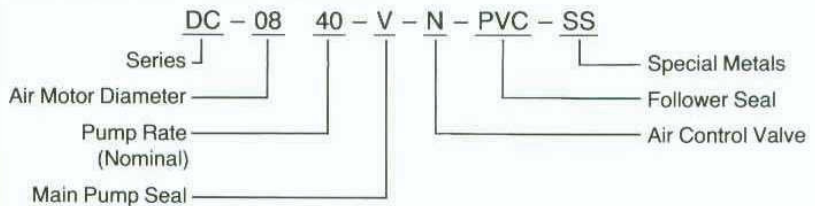
How to Order the Correct Jesco/Mastercraft Pump

Example #1 – Standard*



*Includes all other standard features (see below).

Example #2 – With Options



Air Motor

- 04 = 4" diameter
- 06 = 6" diameter
- 08 = 8" diameter
- 10 = 10" diameter

Follower Seal

- *Standard = Buna
- PVC = PolyVinyl Chloride

Air Control Valve

- *Standard = Herion
- N = Numatics
- R = Ross
- M = Mac
- O = Other (specify)

Main Pump Seal

- *Standard = See model number
- T = Teflon®
- V = Viton®
- EP = Ethylene propylene
- P = PolyMyte
- U = Urethane

Special Metals

- *Standard = Carbon steel/chrome
- SS = Stainless steel
- TN = Custom hard coating

Consult your Jesco representative for specific application needs.



The
Mastercraft™

Choice

Serving All Industries

Automotive • Aerospace • Aircraft • Marine • Electronic • Industrial • Furniture • Ordnance • Glass • Appliance

Jesco Products Company, Inc.

6592 Arrow Dr. • Sterling Heights, MI 48314 • (586) 254-6610 • FAX: (586) 254-2828 • jescoproducts@sbcglobal.net

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