

Manual Bulk Models



Trigger-Actuated Hi-Thrust Drives

Operated easily with one hand.



Model shown
UL-45-T13
with ULTRA C1100 Hi-Thrust Drive
PATENTED

Availability and Ordering Information:

- All Albion SPECIAL DELUXE Models are available with either C1100 ULTRA or C700 SDLplus Hi-Thrust Drives.
- All Albion UTILITY Models are available with C600 UTILITYplus Hi-Thrust Drive.
- For model numbers and pricing, please refer to current Albion price sheets.
- For additional information, or to place an order, contact your Albion Customer Service Rep.

ULTRA Models Patented with C1100 Hi-Thrust Drive

Two operating speeds.

High power/low displacement or low power/high displacement. Quick change to second speed for longer stroke, less power.

FEATURES:

- ✓ Develops up to 1100 lbs of thrust, equivalent to 3½" dia air-powered models at 120psi
- ✓ Precision machined, wear-resistant parts for reliable Hi-Thrust dispensing
- ✓ Specially designed recoil for easy release under extreme pressure
- ✓ Dent-resistant rod...hardened, ground and polished

SDLplus Models with C700 Hi-Thrust Drive

Almost **twice** the thrust of our standard Special Deluxe drive with minimal added cost.

FEATURES:

- ✓ Same quality construction and features as our Special Deluxe Drive
- ✓ Develops up to 700 lbs of thrust, equivalent to 2¾" dia air-powered models at 120psi
- ✓ Strengthened double-grip recoil mechanism to handle heavier loads

UTILITYplus with C600 Hi-Thrust Drive

Almost **twice** the thrust of our standard Utility Drive with minimal added cost.

FEATURES:

- ✓ Same durable construction and features as our standard Utility Drive
- ✓ Develops up to 600 lbs of thrust
- ✓ ALBION QUALITY

**Thrust values are based upon the hand dynamometer strength of an average male in the USA holding the tool in it's normal grip area.*

SPECIAL DELUXE



DL-45-T13



103-15

MODEL	DESCRIPTION	CAPACITY	CHAMBER	WT (lb)
DL-59-T13**†	Increased capacity minimizes reloading. Best price/performance 1 qt model.	1 quart	2"D x 18"L	5
DL-59C-T13†	Fast action clip-on cap.	1 quart	2"D x 18"L	5
DL-59-T17*	Includes rolled thread screw-on ring cap and three 235-3 plastic cone nozzles.	1 quart	2"D x 18"L	5
DL-45-T13**†	General purpose. Our most popular model.	1½ pint	2"D x 14"L	4
DL-45C-T13†	Fast action clip-on cap.	1½ pint	2"D x 14"L	4
DL-45-T17*	Includes rolled thread screw-on ring cap and three 235-3 plastic cone nozzles.	1½ pint	2"D x 14"L	4
770-20	Full-barrel with reducer, 2" ring cap and 235-3 nozzle for confined areas.	1 quart	2½"D x 12"L	4.5
103-15	JUMBO diameter. High volume, lower density. Supplied with ¾" diameter metal 32-35 nozzle.	2½ quart	3¾"D x 16"L	7

When extruding a high volume of stiff material, ULTRA or Air-Powered models are recommended over Special Deluxe models 770 and 103.

All 2" dia models equipped with conical ejectors to squeeze out **all material** from chamber.

All 2½" and 3¾" diameter models have cut threads.

*Quality screw-on caps with rolled threads for a tighter seal.

† Includes ½" diameter metal 32-55 nozzle.

Albion Special Deluxe manual drive bulk models are designed for today's higher viscosity materials and the demands of cold weather use.

FEATURES:

- ✓ Reinforced construction for high-pressure applications
- ✓ Smooth, durable finish, welded heavy gauge steel
- ✓ Epoxy-coated handle for comfort and corrosion resistance
- ✓ T-pull with 5/16" square smooth piston rod
- ✓ Swivel handle rotates, allowing for easy change of direction and uninterrupted flow

Check our Web Site for new items!



ALBION Engineering Co.
2080A Wheatshaf Lane
Philadelphia, PA 19124-5091
215-535-3476

FAX TOLL-FREE
800-841-7132
USA • CANADA • PUERTO RICO
US VIRGIN ISLANDS

ALL OTHERS
INTERNATIONAL FAX
001-215-744-4719

E-MAIL
service@albioneng.com
www.albioneng.com

Catalog
255B



DELUXE



Albion Deluxe manual drive bulk models are built for daily heavy-duty use, and offer the best combination of price and performance.

FEATURES:

- ✓ 1/4" square smooth piston rod that rotates for 4 times longer life.
- ✓ Thumb-activated instant pressure release
- ✓ Formed steel construction and corrosion resistant zinc plating
- ✓ Solvent resistant piston
- ✓ User can regulate stroke to fit hand size
- ✓ Swivel handle rotates, allowing for easy change of direction and uninterrupted flow

MODEL	DESCRIPTION	CAPACITY	CHAMBER	WT (lb)
DL-45-01	Large volume.	1 1/2 pint	2"D x 14"L	3.75
DL-32-01	Low volume.	1 pint	2"D x 10 1/2"L	3.25
DL-810-01*	CONVERTIBLE GUN. Assembled with ejector for 1/8 or 1/10 gallon cartridge.	1/8 gallon	2"D x 10 1/2"L	3.25
DL-24C*	CONVERTIBLE GUN. Assembled with ejector for 1/10 gallon cartridge.	1/10 gallon	2"D x 9"L	3.25
46-9A	Compact. Features counter-balancing knob-pull.	1/10 gallon	2"D x 9"L	3.75

All models supplied with metal 32-88 nozzle (3/8" dia).
 DL24C and 46-9A have fast action clip-on cap.
 All others have screw-on type.
 *Includes leather piston cups for bulk conversion.

UTILITY



Albion's Utility manual drive bulk models are built for moderate use and are more durable than the average professional tool.

FEATURES:

- ✓ 5/16" round smooth piston rod
- ✓ Heavy gauge steel and zinc plating
- ✓ Fast acting, 3-prong clip-on cap
- ✓ Easy to clean plastic nozzle and piston
- ✓ Durable coil springs
- ✓ ALBION QUALITY

MODEL	DESCRIPTION	CAPACITY	CHAMBER	WT (lb)
50-9	Large volume.	1 1/2 pint	2"D x 14"L	3.75
50-1	Convertible. Assembled for 1/10 gallon cartridges.	1/10 gallon	2"D x 9"L	3

Try Albion's 800 Series Barrel Brush to clean your gun. Ask for Catalog 265.

Application Information:

1. Converting from bulk to hard cartridge

Any 2" or 2 3/8" model. Replace bulk piston with flat disc piston (ejector):
 All 2": Part No. 29-5. All 2 3/8": Part No. 29-G12.
 NOTE: With unsputted cartridge, hold forward against front cap with spring or spacer assembly.

2. Converting from bulk to sausage-pack

Any 2" dia bulk model convertible to sausage-pack with piston assembly replacement:
 Teflon type: Kit 47-42. Finger type: Kit 47-23.
 Not recommended for repeated use. Bulk residue left in barrel or on piston packing will prevent skin on sausage-pack from folding up properly.

3. Piston packing options for specific applications (leather is standard equipment)

- LEATHER:** Low friction. Excellent chemical resistance. Handles wide range of materials. Clean and oil for flex.
- TEFLON:** Lowest friction and inert to many chemicals. Expensive, subject to wear and cold flow.
- NYLON:** Moderate friction. Good chemical resistance. Springy. Scrapes barrel walls clean.
- HYTREL:** Moderate friction and good chemical resistance. Stiff and brittle. Scrapes barrel walls clean.
- NITRILE RUBBER:** High friction. Low chemical resistance. Elastic. Recommended with water-based materials.
- POLY PLASTIC:** Lowest cost alternative.

On Leather and Teflon only: Albion Piston Packing Expanders will extend life and reduce blow-by.

TIP For "no-drip" performance, hook the recoil plate under the recoil lock.

Where to find it?

- ALBION NOZZLES, CATALOG 264
- ALBION SPECIAL TOOLS, CATALOG 265
- ALBION ACCESSORIES, CATALOG 266
- ALBION AIR-POWERED, CATALOG 260 and 261
- COPIES SENT ON REQUEST

BACKED BY
 ALBION'S WARRANTY
 AND COMMITMENT TO
 PROFESSIONAL QUALITY TOOLS