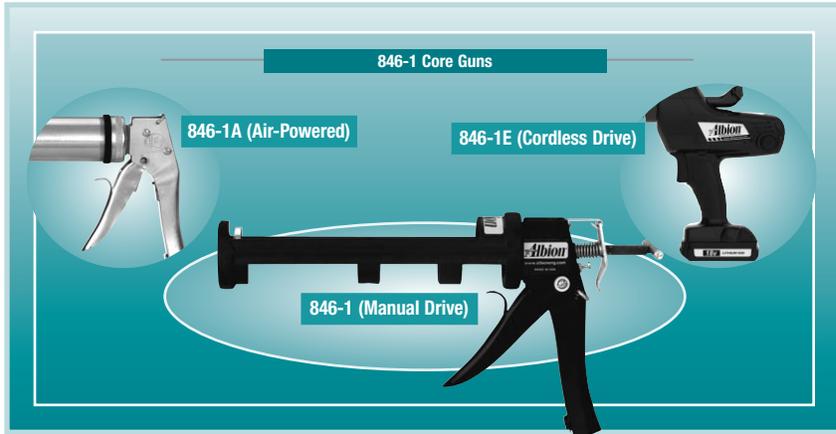


# 10oz CARTRIDGE GUNS (1/10 Gallon)



## 10oz CARTRIDGE GUNS (1/10 Gallon) & VARIATIONS



## DRIVE SYSTEMS

$$F \text{ (force)} = P \text{ (pressure)} \times A \text{ (area)}$$

(force): generated by Drive      (pressure): in Material Containment Unit      (area): surface area of piston

**Albion Professional Line of Tools:** Albion is well known in the field for its Professional Line of dispensing tools. The Professional line has reached standards difficult to match anywhere. Lines in this category are Special Deluxe, Special Deluxe Plus, Ultra, Deluxe, Utility, Utility Plus, Air, Cordless and Push-Pull.

**B-Line Tools:** Albion designed this line to compete with the best from around the world. By combining Albion state-of-the-art design and quality we offer tools that surpass the competition. Drives in this category are B1, B12, B18 and B26.

**Viper Line Tools:** Basic guns designed for simple jobs. Typically offered at hardware, paint and DIY stores. We add to their value with our engineering and quality control. Drives in this category are R5, R6B & H10.

The Professional's Preferred Choice

Model	Description	Thrust	Pressure
<b>Core Tools</b>			
<b>These Albion guns are preferred by the serious professional for all applications</b>			
✓ 846-1	<b>Special Deluxe Manual Gun</b> • durability— composite carriage means added strength • easy applications— carriage swivels • square rod— 4 times the life of a standard round rod	375 lb <sub>f</sub>	120 psi
846-1A	<b>Air-Powered Gun</b> • full barrel containment— improved air seal and safety • optional regulator (p/n 137-5)— better flow control	* →	120 psi
846-1E	<b>Cordless Gun***</b> (18V heavy duty battery powered) (see reverse side for Drive information) • fast— 20 seconds to dispense entire cartridge at full speed • power— 3 times the thrust of a standard manual drive • flow control— instant drive disengagement • ergonomic design— reduces wrist strain • dispensing control— adjustable trigger speed • duration— 180 cartridges on one charge • includes— (1) 18 volt Lithium-Ion battery; fast 30 minute charger • Lithium-ion battery supplies full power until totally drained • fully assembled— ready to go right out of the box	950 lb <sub>f</sub>	300 psi
E12	<b>Cordless Gun</b> (12V standard duty battery powered) • lighter weight alternative to heavy duty 18V cordless • fast— dispense 10oz cartridge in 16 seconds • control— variable speed trigger and auto reverse for no drip • long lasting— 12V Lithium-Ion battery dispenses 100+ cartridges on a single charge	400 lb <sub>f</sub>	130 psi

\*\*\* when ordering any 18V cordless gun without battery & charger add an "N" to the end of the part number

### Albion Professional Line

- Ultra Manual Drives—**  
**Features:** ✓ designed for high pressure applications  
 ✓ 5/16" hardened round smooth rod ✓ 2 speeds: 1100 lb force & 375 lb force  
 • Almost 4 times the force of a Special Deluxe Manual Drive
- Special Deluxe and Special Deluxe Plus Manual Drives—**  
**Features:** ✓ reinforced construction for high-pressure applications ✓ welded heavy gauge steel ✓ epoxy-coated handles for comfort and corrosion resistance  
 ✓ T-pulls with 5/16" square smooth rod  
**Special Deluxe Manual Drive:** • 375 lb force  
**Special Deluxe Plus Manual Drive:** • 700 lb force;  
 • Double the force of a Special Deluxe Manual Drive
- Deluxe Manual Drives with 375 lb force—**  
**Features:** models are built for daily heavy use and offer the best combination of price and performance.  
 ✓ 1/4" square smooth piston rod that rotates for 4 times the life ✓ thumb activated instant pressure release ✓ formed steel construction and corrosion resistant zinc plating

## 10oz CARTRIDGE VARIATIONS

Model	Description	Thrust	Pressure
<b>10oz Thrust Variations</b>			
• Special Deluxe Plus & Ultra for extremely thick material			
<b>Special Deluxe Plus Manual Guns</b> Double the thrust of a standard drive			
846-1P	Composite carriage	700 lb <sub>f</sub>	240 psi
380-5P	Metal carriage	700 lb <sub>f</sub>	240 psi
<b>Ultra Manual Guns</b> Four times the thrust of a standard drive			
846-1U	Composite carriage	1100 lb <sub>f</sub>	360 psi
380-5U	Metal carriage	1100 lb <sub>f</sub>	360 psi

- Utility and Utility Plus Manual Drives—**  
**Features:** ✓ 5/16" round smooth rod ✓ heavy gauge steel and zinc plating ✓ built for moderate use  
 ✓ more durable than the average tool  
**Utility Manual Drive:** • 350 lb force  
**Utility Plus Manual Drive:** • 600 lb force • Almost 2 times the force of a Utility Manual Drive with minimal added cost

10oz CARTRIDGE VARIATIONS

\* Metal Carriage \* Thrust \* Full Barrel \* B-Line \* Hex & Ratchet Rod \* Extension Guns



• It all comes down to how hard and frequently you use a tool; the following are engineered to provide you with the same level of success in the application

Model	Description	Thrust	Pressure	Model	Description	Thrust	Pressure
B1	Manual Skeleton Gun (7:1 Drive), no drip, puncture wire	200 lb <sub>f</sub>	65 psi	B18	Manual Gun (18:1 Drive)	700 lb <sub>f</sub>	230 psi
B12	Manual Gun (12:1 Drive), puncture wire	375 lb <sub>f</sub>	120 psi	B26	Manual Gun (26:1 Drive) High Thrust	900 lb <sub>f</sub>	300 psi



10oz Metal Carriage Variations

• Light and strong, legendary durable metal carriage; • Out of the way puncture wire included

380-5	Black Epoxy Powder Coated Special Deluxe Drive Gun	375 lb <sub>f</sub>	120 psi	370-3	1/2 Barrel Utility Drive Gun	375 lb <sub>f</sub>	120 psi
139-3	Plated Special Deluxe DriveGun (Our most popular Gun in its class)	375 lb <sub>f</sub>	120 psi				



DL-24C

10oz Full Barrel Variations

• Accepts Albion's metal nozzles for special applications

DL-24	Deluxe Manual Gun	375 lb <sub>f</sub>	120 psi
DL-24C	Deluxe Manual Gun w/1/4 turn Clip Cap	375 lb <sub>f</sub>	120 psi
DL-810-01	Manual Convertible Deluxe Gun (used for Cartridge & Bulk applications)	375 lb <sub>f</sub>	120 psi



400-G01

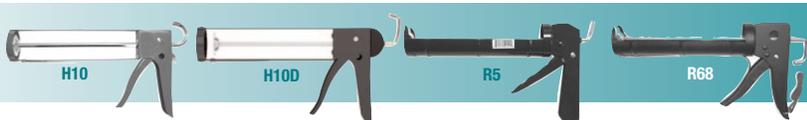
10oz Extension Variations

• 24" Extension gun eliminates the need for hard to pump long nozzles and is ideal for most materials. Add additional 8" increments (p/n 395-G07) to extend reach

400-G01	Deluxe Manual Gun	375 lb <sub>f</sub>	120 psi
---------	-------------------	---------------------	---------

Kit (P/N 395-G07)

10oz Viper Variations



• Hex Rod: commonly used in the paint and DIY markets

H10	Manual Skeleton Gun (10:1 Drive); w/seal punch tool; spout cutter; ladder hook	250 lb <sub>f</sub>	80 psi
H10D	Manual Skeleton Gun (10:1 Drive); w/no drip; seal punch tool; spout cutter; ladder hook	250 lb <sub>f</sub>	80 psi
H10XD	Manual Half Barrel (10:1 drive); w/no drip; seal punch tool; spout cutter; ladder hook	250 lb <sub>f</sub>	80 psi

• Ratchet Rod: simple ratchet tools commonly used in paint, DIY and retail industries

R5	Manual Half Barrel Gun (5:1 Drive); w/seal punch tool; spout cutter; ladder hook	125 lb <sub>f</sub>	40 psi
R68	Manual Half Barrel Gun (6:1 Drive); w/seal punch tool; spout cutter; ladder hook; wrist strap	150 lb <sub>f</sub>	50 psi

Drive Systems—continued

Air Drives

Unlike a manual tool, an air gun has a few unique qualities:

- to regulate the flow of material, adjust the air pressure regulator
- Force is not required to create pressure within the MCU
- Speed is determined by the viscosity of the material and the pressure applied
- Convenient rodless design; cartridge is pressurized for smooth dispensing

18V Cordless Drives

Battery powered dispensing tools offer state-of-the-art performance, portability, and control—dramatically reducing the amount of time on a work site. Features include:

- **Heavy Duty**—metal gears for dispensing high viscosity materials with up to 950 lb force; three times the power of most manual guns; composite carriage the strongest in the industry
- **Total Dispensing Control**—set maximum speed rate and fine tune with variable speed trigger
- **High Productivity**—as incredible as this seems; a joint 1/4" x 1/8" and the length of a football field can be filled in less than 2 minutes; and a steady dispensing speed of 21 inches per minute means uniform beads of material, getting jobs done faster
- **No Drip**—instant drive disengagement
- **Power Efficient**—dispense over 180 latex 10 oz cartridges or over 60 cold urethane 10 oz cartridges on one charge (compact battery)
- **Ergonomic**—design greatly reduces trigger-hand fatigue and wrist strain
- **18 Volt Battery**—Lithium-Ion performs at full power until drained; included with 30 minute fast charger
- **Easy Conversion**—kits available for easy conversion to cartridge, bulk, or sausage dispensing
- **Fully Assembled**—ready to go out of the box
- **Powered by**—Milwaukee® REDLITHIUM™ Battery Technology



12V Cordless Drives

- **Standard Duty**—all metal gears, develops 400 lbs of thrust, plenty for standard products like silicone, acrylic and polyurethane
- **Lightweight**—30% lighter than our 18V models
- **Fast**—dispense a 10 oz cartridge in 16 seconds

B-Line

**B1 Manual Drive:** Standard Drive features with ✓excellent value, light, flexible, easy to operate ✓smooth, consistent, drip free application ✓stores flat

**B12 Manual Drive:** Standard Drive features with ✓12:1 Manual Gun (Standard ratio) ✓375 lb force

**B18 Manual Drive:** Higher Thrust Drive features with ✓18:1 Manual Gun ✓700 lb force; double the force of a B12

**B26 Manual Drive:** Highest Thrust Drive features with ✓26:1 Drive ratio ✓designed for thick materials & cold weather applications; three times the force of a B12

Viper Line

- Excellent for low cost sealants and applications when there is a significant amount of start and stops
- All guns feature spout cutters, puncture wires and ladder hooks
- H10D and H10XD are no-drip



ALBION Engineering Co.  
1250 N. Church Street  
Moorestown, NJ 08057-1102  
856-235-6688

FAX TOLL-FREE: 800-841-7132

E-MAIL: service@albioneng.com