



# BTL SERIES

Mobile Refuse Cart Lifter

## Maximizing Route Safety & Efficiency

### Bayne Thinline Premium Lift Systems. Lifting Ergonomics To New Heights.

The BTL series is one of the best-selling lines of lifters from Bayne® Thinline® Premium Lift Systems. This lifter was specifically designed to offer greater ground clearance for rear-load applications, thus reducing the risk of damaging the lifter on uneven terrain such as alley entrances, landfills, etc. This additional ground clearance makes the BTL a perfect choice for rear-load applications with commercial container lift bars.

#### BTL Series Features:

- Powered by the patented Bayne Thinline rack-and-pinion rotary actuator for smooth operation
- Compatible with standard domestic style 2-bar carts
- Over 21" of ground clearance
- The Bayne Thinline design works in conjunction with most commercial container lift bars
- Dumps cart higher and deeper inside the hopper opening to prevent spillage and increase route stops before needing to cycle the packer panel
- Self-lubricating composite bearings at main pivot points
- Powder-coated finish for durability
- 2-Year Limited Warranty



Premium Lift Systems

### Precision, Quality, and Patented Engineering

For more information: Toll Free: 800-528-5308 | [www.baynethinline.com](http://www.baynethinline.com)  
Bayne Thinline Premium Lift Systems | 4301 Gault Ave. North | Fort Payne, AL 35967

# BTL SERIES

## Specifications & Dimensions

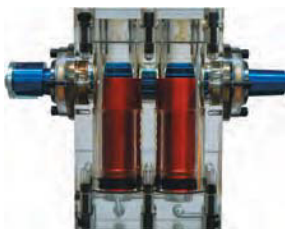
### PERFORMANCE SPECIFICATIONS

|                    |                                                           |
|--------------------|-----------------------------------------------------------|
| Cart Compatibility | ANSI Z 245.60-2008 Type B carts (domestic style 2-bar)    |
| Lift Capacity      | 400 lbs. @ 1800 psi                                       |
| Hydraulic Pressure | Maximum pressure - 3000 psi                               |
| Hydraulic Flow     | 2.0 - 2.5 gpm                                             |
| Cycle Time         | 6 - 8 seconds (lifter only)                               |
| Bearings           | Self-lubricating composite material                       |
| Actuator           | Patented Bayne® Thinline® rack-and-pinion rotary actuator |
| Finish             | Safety yellow powder-coating                              |
| Options            | Tap-in Kit                                                |
|                    | Mounting-plate kit for bolt-on application                |

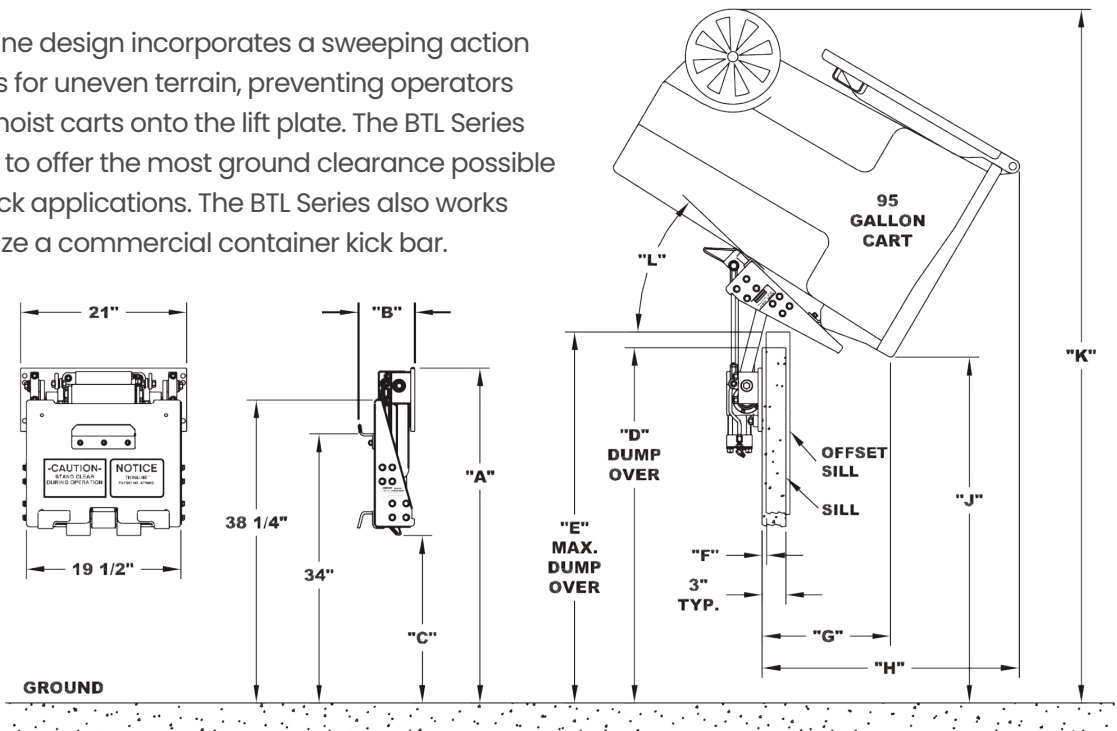


### How It Works:

The patented Bayne Thinline design incorporates a sweeping action that automatically adjusts for uneven terrain, preventing operators from having to manually hoist carts onto the lift plate. The BTL Series was specifically designed to offer the most ground clearance possible for rear-load garbage truck applications. The BTL Series also works with rear-loaders that utilize a commercial container kick bar.



Patented Bayne Thinline  
Rack-and-Pinion Rotary  
Actuator



| MODEL NUMBER | "A"     | "B"    | "C"     | "D"     | "E"     | "F"  | "G"     | "H"     | "J"     | "K"     | "L" |
|--------------|---------|--------|---------|---------|---------|------|---------|---------|---------|---------|-----|
| BTL 1110     | 38 1/4" | 7 1/8" | 21 1/4" | 39 1/8" | N/A     | N/A  | 16 1/4" | 32 3/8" | 35 3/4" | 79 5/8" | 43" |
| BTL 1112     | 40 1/4" | 7 1/8" | 21 3/8" | 42"     | 43 1/4" | 3/8" | 16 5/8" | 31 1/2" | 40 3/4" | 83 1/2" | 40" |
| BTL 1114     | 42 1/4" | 7 1/8" | 21 1/8" | 44 3/4" | 46 5/8" | 1/2" | 16 1/4" | 32 1/2" | 43 5/8" | 87 5/8" | 43" |

Pictures and mechanical diagrams in this literature are illustrative only and may not be to scale. Specifications are subject to change without notice in order to accommodate improvements to the equipment. Data published herein is for information purposes only and shall not be construed to warrant suitability of the unit for any particular purpose, as performance may vary with the conditions encountered. The only warranty is our standard written Warranty Statement for this product at the time of shipment.



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