



# Revolution HD™

## Mobile Refuse Cart Lifter

The Revolution HD™ is an advanced modern cart lifter from Bayne Premium Lift Systems. This patent-pending design incorporates a sweeping action that automatically adjusts for uneven terrain, preventing operators from having to lift carts onto the lift plate. The Revolution was specifically designed to offer the most ground clearance possible for rear load applications. This feature makes it a perfect choice for rear load applications with commercial container lift bars and provides the versatility to pick up both residential and commercial waste on the same route.

- Powered by the patented Thinline® rack and pinion rotary actuator for smooth operation
- Compatible with standard domestic style 2-bar roll-out carts
- Sweeping motion allows for an increased cart pick-up envelope
- Over 22" of ground clearance
- Compact design works in conjunction with most commercial container lift bars
- With a 51 degree dump angle, the carts are dumped higher and deeper inside the hopper opening to prevent spillage and increase route stops before cycling the packer blade
- Powder-coated finish for durability
- 3-year limited warranty
- All pivot points are equipped with greasable bronze bearings to reduce wear and provide a smoother, quieter operation
- A 228% Increase in overall bearing surfaces allows for up to a 50% longer life span over previous versions

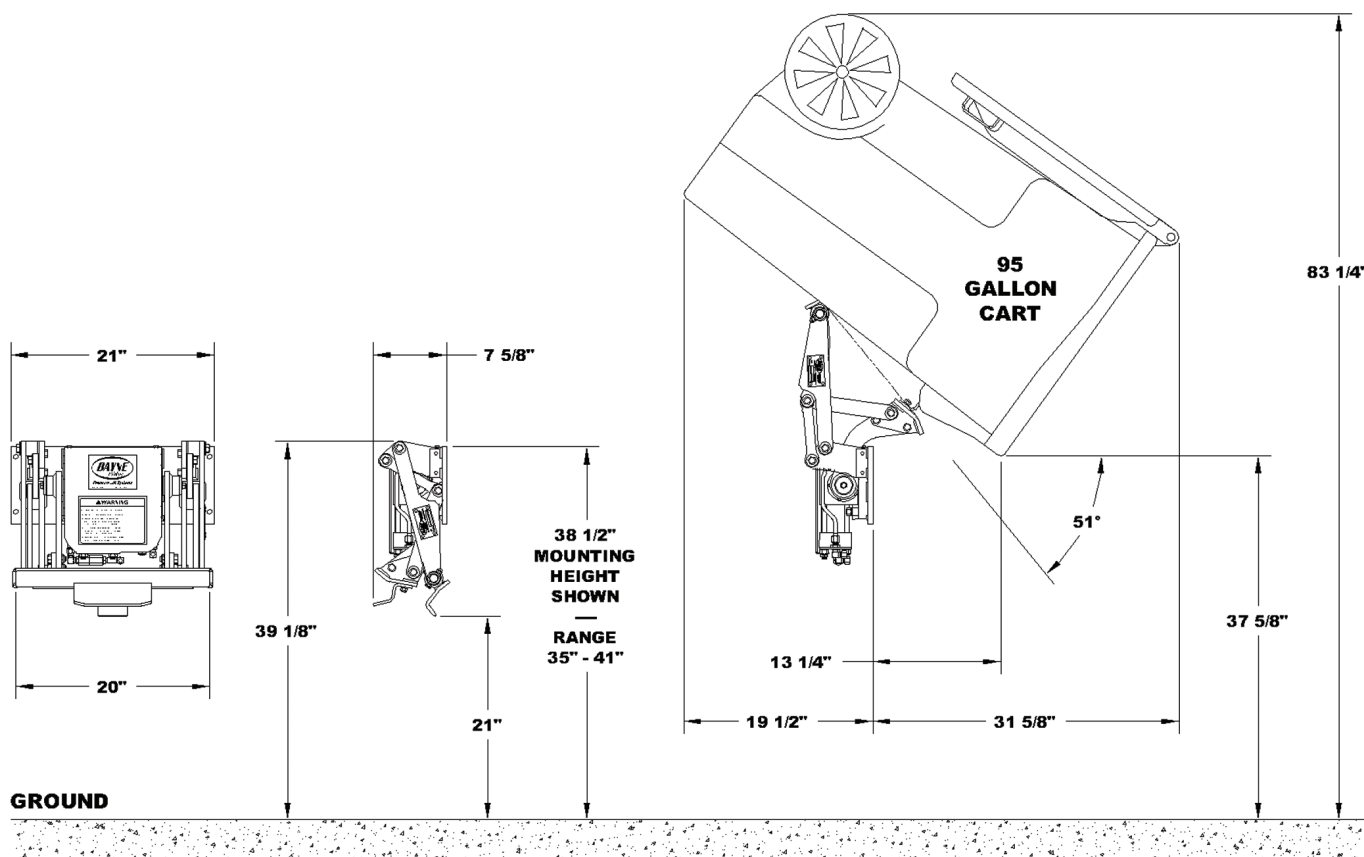


**Precision, Quality and...Patented Engineering**

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## Specifications and Dimensions

<b>Cart Compatibility</b>	ANSI Z 245.60-2008 Type B carts (domestic style 2-bar)
<b>Lift Capacity</b>	400 lbs @ 1800 psi
<b>Hydraulic Pressures</b>	Maximum pressure - 3000 psi
<b>Hydraulic Flow</b>	2.0 - 2.5 gpm
<b>Cycle Time</b>	8 - 10 seconds
<b>Bearings</b>	Replaceable bronze bearing
<b>Actuator</b>	Patented Thinline® rack and pinion rotary actuator
<b>Finish</b>	Safety yellow powder coating
<b>Otions</b>	<ul style="list-style-type: none"> <li>• Tap-in kit</li> <li>• Mounting plate kit for bolt-on application</li> <li>• Commercial container bumper kit</li> </ul>



### Bayne Premium Lift Systems

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