



DIAMONDBACKTM
PRODUCTS

3rd Man Cart Tippers

Diamondback Products 3rd Man Cart Tippers are engineered with fewer moving parts for longer life, easier maintenance, and to save you money on parts inventory.

Simple is Better.



CITY VIEW
SPECIALTY VEHICLES



Register at our new parts e-commerce website: cityviewparts.com

MODEL 650 REAR LOAD

MODEL 800 GRABBER



Kicker Bar Friendly

Ultra-Slim design allows installation on even more rear load trucks that utilize a kick/container bar for emptying commercial containers. New design increases clearance between lifter and most standard kicker bars.

High Hopper Sill Compatible

Due to the unique arm & faceplate design, this lifter can be mounted below the hopper sill edge to accommodate the increasing height of modern rear load trucks, unlike most lifters in the market.

Eliminates Bottom Bar Cart Damage

Patented spring bottom bar latching system virtually eliminates bottom bar damage by providing shock absorption during dump cycle, and also ensures above ground release.

High/Deep Dump

Cart lifter gives a high/deep throw into hopper allowing for speed of emptying carts.

Easy Cart Engagement

Sweeping action of cart lifter allows for easy cart engagement on uneven ground.

Collapsible Top-Bar Holder

Top bar holder lays flat on the faceplate to prevent interference & damage to "flat-faced" commercial containers while being dumped.

Increased Ground Clearance

Cart lifter rotates under the hopper allowing for the most possible ground clearance available.

Heavy Duty Lifting and Drive Arms

3/4" Solid steel lifting and drive arms.

Self-Aligning Ball Bushings

Made of hardened steel, shock and corrosion resistant, and require very low lubrication maintenance.

26K Rotary Actuator

Actuator shaft is designed with splined ends and matching collar, not keyways, to provide increased life. Actuator produces 26K ft/lb of torque at 3000 psi.



Key Features & Performance Specs

- Fits all ANSI Z245.30 (domestic two bar style) carts & meets all Z245.60 cart specifications
- Dumps 400 lbs @ 1600 psi
- 6-8 sec cycle time at 3.2 gpm
- 45-degree dump angle
- Mounting height 34" to 39" (mounting plate included)
- Heat treated pivot pins
- 1/4" thick faceplate
- Powder coated finish
- Two year limited warranty



Reduces Cart Damage

Grabbing arms come equipped with impact resistant, rubber bumpers that provide a secure grip on a wide variety of cart shapes and sizes. The individually replaceable rubber bumpers aid in preventing cart damage, while also reducing maintenance costs and repair times, in comparison to a belt system.

Independently Actuated Grabber Arms

Dual hydraulic cylinder arm actuation method provides extreme reliability and strength.

High/Deep Dump

Cart lifter gives a high/deep throw into hopper allowing for speed of emptying carts.

Heavy Duty Construction

3/4" Solid steel lifting and guide arms, 1/2" thick laser-cut faceplate.

Self-Aligning Ball Bushings

Made of hardened steel, shock and corrosion resistant, and require very low lubrication maintenance.

Versatility in Design

Available in rear-load and side-load versions and can adapt to most mounting heights. The "Grabber Style" lifting arms accommodate virtually all can/barrel shapes, including ANSI style carts, European Carts, medical waste and 55 gallon drums.

26K Rotary Actuator

Actuator shaft is designed with splined ends and matching collar, not keyways, to provide increased life. Actuator produces 26K ft/lb of torque at 3000 psi.



Key Features & Performance Specs

- Fits all ANSI Z245.30 (domestic two bar style) carts and meets all Z245.60 cart specifications
- Also fits European carts, medical waste containers, and 55 gallon drums
- Dumps 400 lbs @ 2000 psi
- 6-8 sec cycle time at 3.2 gpm
- 45-degree dump angle
- 1/2" thick faceplate
- Powder coated finish
- Two year limited warranty

MODEL 300 MODEL 300HM MODEL 350 MODEL 450E EUROPEAN TIPPERS

MODEL 100 REAR LOAD



MODEL 300



MODEL 300HM



MODEL 350



MODEL 450E

Eliminates Bottom Bar Cart Damage

Patented spring bottom bar latching system virtually eliminates bottom bar damage by providing shock absorption during dump cycle and also ensures above ground release.

Self-Aligning Ball Bushings

Made of hardened steel, shock and corrosion resistant, and require very low lubrication maintenance. All ball bushings are housed in "Aircraft" grade aluminum to help cut down on rust and corrosion for ease of repair.

Cushioned Hydraulic Cylinder

Hydraulic cylinder provides a smooth lifting action in both up & down directions which helps prevent cart and lifter damage.

Fully Adjustable

Mounting plate, top bar holder, and bottom latch assembly are fully adjustable to help ease the installation on most rear load trucks. (See back for longer face plate models for hopper sills higher than 39.5")

Hydraulic Break-Away Feature – Option

(Not Shown) Hydraulic valve minimizes damage caused by ground collision. No more sheared pins to replace!

No Sweep Blade Interference

Correctly mounted Cart Lifter in dump position will not make contact with packer blade, preventing any possibility of packed lifter damage.

Key Features & Performance Specs

- Fits all ANSI Z245.30 (domestic two bar style) Carts & meets all Z245.60 Cart Specifications
- Dumps 500 lbs @ 1100 psi
- 6-8 second cycle time at 2.2 gpm
- 48 degree Dump angle
- Heat treated pivot pins
- 3/16" thick face plate
- Powder coated finish
- 1 year limited warranty



MODEL 200 REAR LOAD

MODEL 450 SIDE LOAD



Kicker Bar Friendly

Slim design allows installation on most rear load trucks that utilize a kick/container bar for emptying commercial containers.

Eliminates Bottom Bar Cart Damage

Patented spring bottom bar latching system virtually eliminates bottom bar damage by providing shock absorption during dump cycle and also ensures above ground release.

Self-Aligning Ball Bushings

Made of hardened steel, shock and corrosion resistant, and require very low lubrication maintenance.

Cushioned Hydraulic Cylinder

Hydraulic cylinder provides a smooth lifting action in both up & down directions which helps prevent cart damage.

Fully Adjustable

Mounting plate, top bar holder, and bottom latch assembly are fully adjustable to help ease the installation on most rear load trucks.

No Sweep Blade Interference

Correctly mounted Cart Lifter in dump position will not make contact with packer blade, preventing any possibility of packed lifter damage.

Key Features & Performance Specs

- Fits all ANSI Z245.30 (domestic two bar style) Carts & meets all Z245.60 Cart Specifications
- Dumps 500 lbs @ 900 psi
- 6-8 second cycle time at 2.2 gpm
- 45 degree Dump angle
- Heat treated pivot pins
- 3/8" thick face plate & 1/2" thick back plate
- Powder coated finish
- 1 year limited warranty



Eliminates Bottom Bar Cart Damage

Patented spring bottom bar latching system virtually eliminates bottom bar damage by providing shock absorption during dump cycle and also ensures above ground release.

High/Deep Dump

Cart lifter gives a high/deep throw into hopper allowing for speed of emptying carts. This also provides a deep enough dump for side load trucks used in dual stream recycling programs.

Heavy Duty Lifting and Drive Arms

3/4" solid steel lifting and drive arms. This is the only side load cart lifter with adjustable arms that makes installation possible for most truck mounting heights.

Self-Aligning Ball Bushings

Made of hardened steel, shock and corrosion resistant, and require very low lubrication maintenance.

26K Rotary Actuator

The largest actuator used in the lifter industry. Actuator shaft is designed with splined ends and matching collar, not keyways, to provide increased life. Actuator produces 26K ft/lb of torque at 3000 psi.

Key Features & Performance Specs

- Fits all ANSI Z245.30 (domestic two bar style) Carts & meets all Z245.60 Cart Specifications
- Dumps 400 lbs @ 2000 psi
- 6-8 sec cycle time at 3.2 gpm
- 50 degree Dump angle
- Adjustable mounting height 42" to 55" (mounting plate included)
- Heat treated pivot pins
- 3/8" thick faceplate
- Powder coated finish
- Two year limited warranty



MODEL 500 REAR LOAD

MODEL 600 REAR LOAD



Eliminates Bottom Bar Cart Damage

Patented spring bottom bar latching system virtually eliminates bottom bar damage by providing shock absorption during dump cycle and also ensures above ground release.

Easy cart engagement

Sweeping action of cart lifter allows for easy cart engagement on uneven ground.

High/Deep dump

Cart lifter gives a high/deep throw into hopper allowing for speed of emptying carts.

Ground Clearance

Cart lifter rotates back under hopper allowing for the most possible ground clearance available.

Heavy duty lifting and drive arms

3/4" solid steel lifting and drive arms.

Self-Aligning Ball Bushings

Made of hardened steel, shock and corrosion resistant, and require very low lubrication maintenance. All bushings are housed in "Air Craft" grade aluminum to help cut down on rust and corrosion for ease of repair.

26K Rotary Actuator

The largest actuator used in the lifter industry. Actuator produces 26K ft/lb of torque at 3000 psi.

Key Features & Performance Specs

- Fits all ANSI Z245.30 (domestic two bar style) Carts & meets all Z245.60 Cart Specifications
- Dumps 400 lbs @ 1600 psi
- 6-8 sec cycle time at 3.2 gpm
- 45 degree Dump angle
- Mounting height 37" to 41" (mounting plate included)
- Heat treated pivot pins
- 3/8" thick faceplate
- Powder coated finish
- Two year limited warranty



Kicker Bar Friendly

Slim design allows installation on most rear load trucks that utilize a kick/container bar for emptying commercial containers.

Eliminates Bottom Bar Cart Damage

Patented spring bottom bar latching system virtually eliminates bottom bar damage by providing shock absorption during dump cycle and also ensures above ground release.

Easy cart engagement

Sweeping action of cart lifter allows for easy cart engagement on uneven ground.

High/Deep dump

Cart lifter gives a high/deep throw into hopper allowing for speed of emptying carts.

Ground Clearance

Cart lifter rotates back under hopper allowing for the most possible ground clearance available.

Heavy duty lifting and drive arms

3/4" solid steel lifting and drive arms.

Self-Aligning Ball Bushings

Made of hardened steel, shock and corrosion resistant, and require very low lubrication maintenance.

26K Rotary Actuator

Actuator shaft is designed with splined ends and matching collar, not keyways, to provide increased life. Actuator produces 26K ft/lb of torque at 3000 psi.

Key Features & Performance Specs

- Fits all ANSI Z245.30 (domestic two bar style) Carts & meets all Z245.60 Cart Specifications
- Dumps 400 lbs @ 1600 psi
- 6-8 sec cycle time at 3.2 gpm
- 45 degree Dump angle
- Mounting height 37" to 41" (mounting plate included)
- Heat treated pivot pins
- 3/8" thick faceplate
- Powder coated finish
- Two year limited warranty



MODEL 375 EUROPEAN COMBO REAR LOAD TIPPER



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CITY VIEW SPECIALTY VEHICLES

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Contact our parts department: parts@cityviewvehicles.com



Eliminates Bottom Bar Cart Damage
Patented spring bottom bar latching system virtually eliminates bottom bar damage by providing shock absorption during dump cycle, and also ensures above ground release.

High/Deep Dump
Cart lifter gives a high/deep throw into hopper allowing for speed of emptying carts.

Easy Cart Engagement (EURO & ANSI)
Sweeping action of cart lifter allows for easy cart engagement of European & ANSI-Style Carts.

Collapsible Top-Bar Holder
Top bar holder lays flat on the faceplate to prevent interference & damage to European Carts.

Increased Ground Clearance
Cart lifter rotates under the hopper allowing for the most possible ground clearance available.

Heavy Duty Lifting and Drive Arms
3/4" Solid steel lifting and drive arms.

Self-Aligning Ball Bushings
Made of hardened steel, shock and corrosion resistant, and require very low lubrication maintenance.

26K Rotary Actuator
Actuator shaft is designed with splined ends and matching collar – not keyways – to provide increased life. Actuator produces 26K ft/lb of torque at 3000 psi.

Key Features & Performance Specs

- Fits all ANSI Z245.30 (domestic two bar) Carts & meets all Z245.60 Cart Specifications
- Fits all Standard Residential European Style Carts up to 360L
- Dumps 400 lbs @1600 psi
- 6-8 sec cycle time at 3.2 gpm
- 45 degree Dump Angle
- Mounting Height 41" to 43" (mounting plate included)
- 3/8" thick faceplate
- Powder coated finish



