

314.696.0200

MULTI-TIP™ BIN TIPPER



The Multi-Tip™ Bin Tipper is everything a bin tipper should be — safe, easy to use, reliable, and efficient. It is perfect for schools, factories, offices, recycling centers and more. The Multi-Tip™ takes all the strain out of emptying bins, making it a safe and easy operation. The unique, safe tipping action keeps bin weight within footprint.

The Multi-Tip™ uses a unique single-mast design, which allows the tip height to be adjusted between four and six feet, and also gives the user a clear view of operations. The Multi-Tip™ is fitted with a cradle, which lifts most common waste carts, totes and bins with no clamping or modification. However a range of custom cradles are available, allowing the machine to empty nearly any commercial container, at weights up to 330 pounds (150 kilograms). Like the entire line of Bin Tippers, the Multi-Tip™ is extremely robust and requires no regular maintenance.

FEATURES:

- Hydraulic powered
- 330 lb (150 kg) safe lifting capacity
- Standard available tip heights from 47" to 71" (1200-1800 mm) but can be built economically to any fixed or adjustable height
- Battery-powered with a sealed battery and a built-in industrial quality 'float' charger
- 25+ tips per charge, with continuous charge supported
- Powerful and reliable electro-hydraulic system
- Standard cradle lifts all common 32-96 gal (120-360 L) bins without clamping
- Custom cradles available to suit other bins and drums
- 5" (125 mm) casters for easy movement with dual brakes on operator side
- Fork pockets
- Galvanized, powder coated frame
- Indoor or outdoor use
- Weight of bin stays within machine footprint throughout tipping cycle to ensure stability
- Simple, two-hand controls for safety

See Page 8 for Options.

47"-71"

TIP HEIGHT

330 LB

CAPACITY

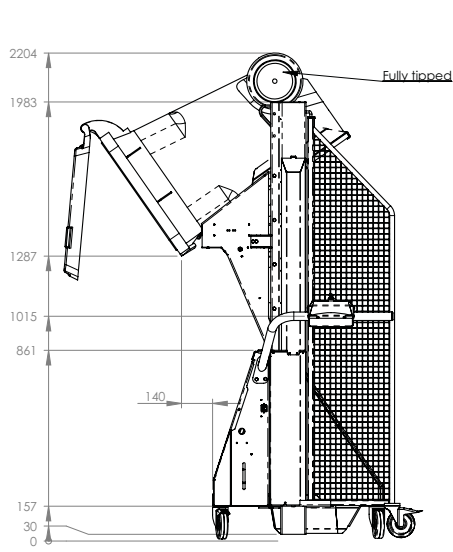
25 x 200 LB CARTS/CHARGE

DUTY CYCLE

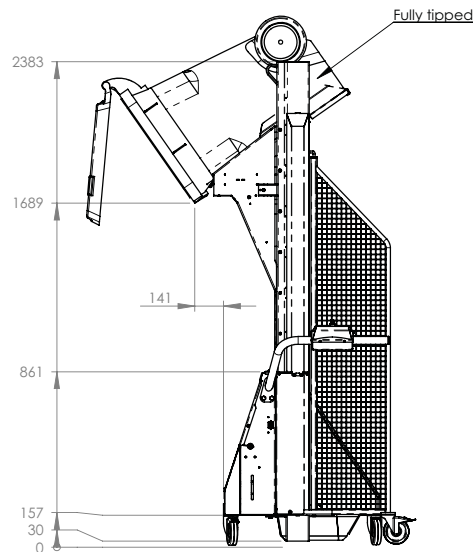
BATTERY

POWER

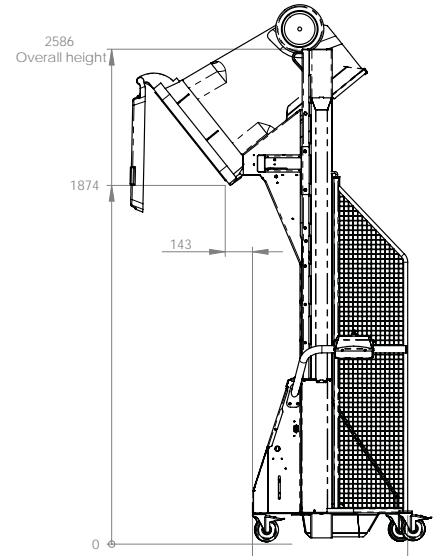




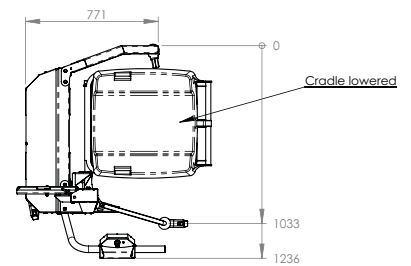
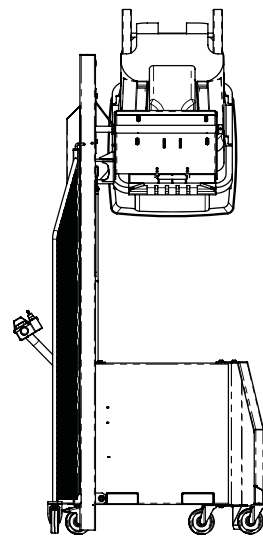
MT1200



MT1600



MTA1800



MODEL	TIP HEIGHT	CAPACITY	POWER SOURCE*	OVERALL HEIGHT**	OVERALL LENGTH	OVERALL WIDTH	WEIGHT	IP RATING
MT1200-B	47" (1200 mm)	330 lb (150 kg)	Battery	78" (1983 mm)	34" (869 mm)	49" (1236 mm)	342 lb (155 kg)	IP55
MT1600-B	63" (1600 mm)			94" (2383 mm)			366 lb (166 kg)	
MTA1800-B	47"-71" (1200-1800 mm)			102" (2586 mm)			386 lb (175 kg)	

* **Battery Specifications:** 12v 21Ah sealed gel battery, driving 0.8kw DC motor drawing up to 100 Amps, with 12v DC control voltage.

** **Overall Height** measurements shown for the bin tipper. Overall height with a bin tipped will vary depending on the bin used and how the bin is tipped.

Note: Unit is also able to dump into compactors and precrushers; suitable for compactors over 47" (1200 mm).

DUMPMASTER™ BIN TIPPER



Dumpmaster™ Bin Tipplers are the ultimate solution to empty bins and drums weighing up to 660 pounds (300 kilograms). The tipping action of a Dumpmaster™ is one of the safest, most efficient, and easiest to use systems in the world. The Dumpmaster™ bin tipplers are very versatile and are used in dozens of applications, ranging from emptying trash bins into dumpsters, to pouring food ingredients into mixers. They feature a unique tipping action which lifts the bin straight up, then gently rolls it upside down over the lip of the receptacle. The Dumpmaster™ was designed for safety, with full guarding and dual interlock systems fitted as standard.

FEATURES:

- Hydraulic powered, heavy duty
- 660 lb (300 kg) lifting capacity
- Adjustable tip heights from 47" to 94.5" (1200 mm to 2400 mm) but can be built economically to any height
- Available with 3-phase or battery power packs. Battery-powered tipplers have a sealed battery and an industrial quality 'float' charger built in
- Powerful and reliable hydraulic mechanism
- Standard cradle lifts all common 32–96 gal (120–360 L) bins without clamping
- Custom cradles available to suit other bins and drums
- 4" (100 mm) casters for easy movement with dual brakes
- Industrial grade galvanized steel frame and cradle with zinc-plated guarding
- Weight of bin stays within machine footprint throughout tipping cycle to ensure stability
- Simple, weather-proof controls
- Indoor or outdoor use

See Page 8 for Options.

47"–94.5"

TIP HEIGHT

660 LB

CAPACITY

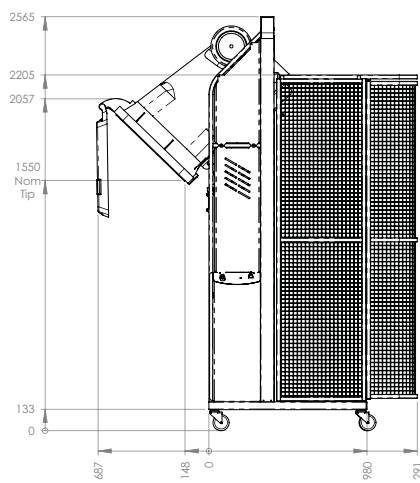
**75 x 200 LB CARTS/CHARGE
20 CYCLES/HOUR CONTINUOUS**

DUTY CYCLE

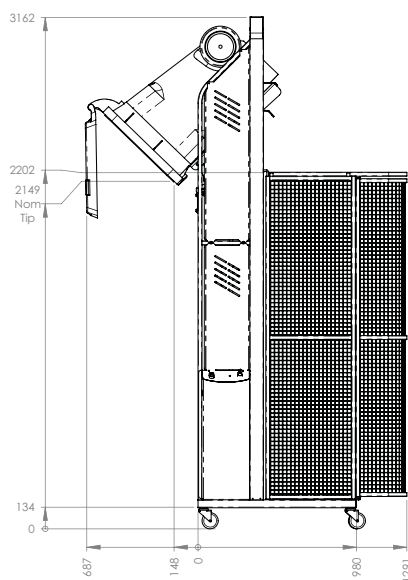
**BATTERY / SOLAR / 3-PHASE
/ COMPRESSED AIR**

POWER

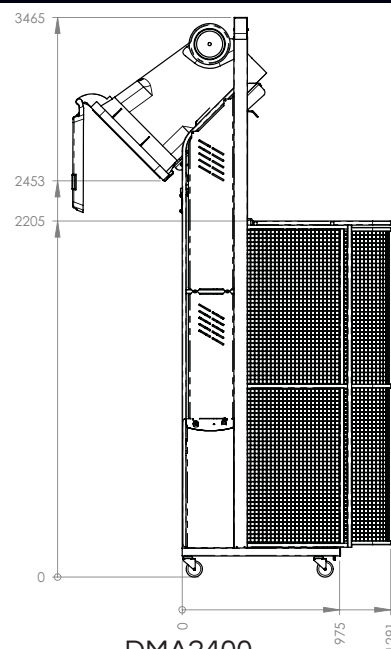




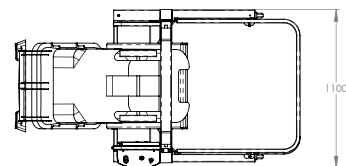
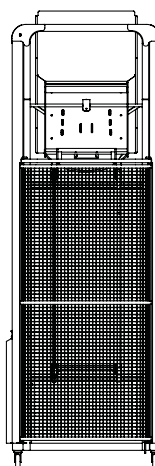
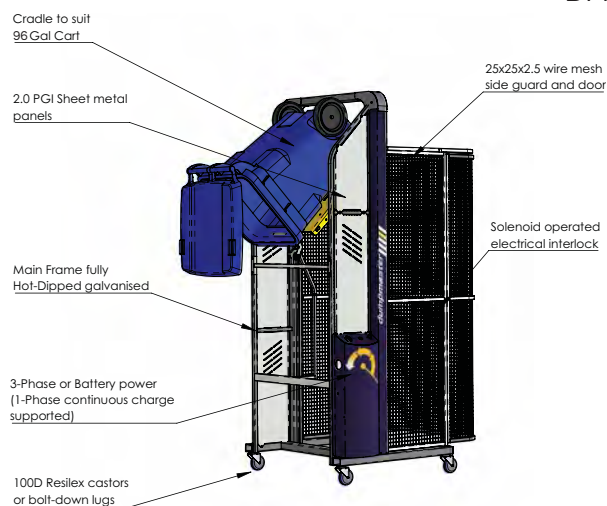
DMA1500



DMA2100



DMA2400



MODEL	TIP HEIGHT	CAPACITY	POWER SOURCE*	OVERALL HEIGHT	OVERALL LENGTH	OVERALL WIDTH	WEIGHT	IP RATING
DMA1500-B	47"-59" (1200-1500 mm)	660 lb (300 kg)	Battery	101" (2565 mm)	51" (1291 mm)	43.5" (1100 mm)	496 lb (225kg)	IP55
DMA2100-B	59"-83" (1500 mm-2100 mm)			124.5" (3162 mm)			540 lb (245 kg)	
DMA2400-B	71"-94.5" (1800 mm-2400 mm)			136.5" (3465 mm)			584 lb (265 kg)	
DMA1500-3	47"-59" (1200 mm-1500 mm)		3-Phase	101" (2565 mm)			496 lb (225kg)	
DMA2100-3	59"-83" (1500 mm-2100 mm)			124.5" (3162 mm)			540 lb (245 kg)	
DMA2400-3	71"-94.5" (1800 mm-2400 mm)			136.5" (3465 mm)			584 lb (265 kg)	

* **Battery Specifications:** (2) 12v 21Ah sealed gel batteries, driving 0.8kw DC motor drawing up to 60 Amps, with 24v DC control voltage.

3-Phase Specifications: 400v AC 50/60hz 3-phase mains supply, driving 0.75kw AC motor drawing up to 1.9 Amps, with 24v DC control voltage.

DOCKMASTER™ BIN TIPPER



The Dockmaster™ Bin Tipper was designed with a specific task in mind - safely tipping wheelie bins and drums from a raised loading dock. In many operations this is currently done by hand, which is difficult, slow and dangerous. The Dockmaster™ completes the process in seconds and is fully compliant with stringent new safety requirements.

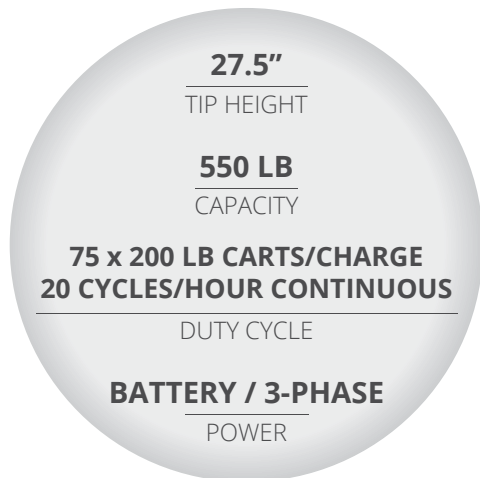
The Dockmaster™ is based on the proven design of the Simpro Dumpmaster™, but with unique features. The tipping mechanism inverts bins as low to the ground as possible, at just 27.5 inches (700 millimeters), while still keeping the weight within the footprint of the machine. To allow operating near platform edges, the Dockmaster™ is fitted with safety feet, just behind the wheels. These catch the machine if it is rolled over the edge, instantly preventing further movement.

The Dockmaster™ is built to the same rugged specifications as the Dumpmaster™, including the steel frame, powerpack and control system. It will effortlessly tip most types of wheelie bins at weights up to 550 pounds (250 kilograms), and is designed to withstand many years of operation indoors or outdoors.

FEATURES:

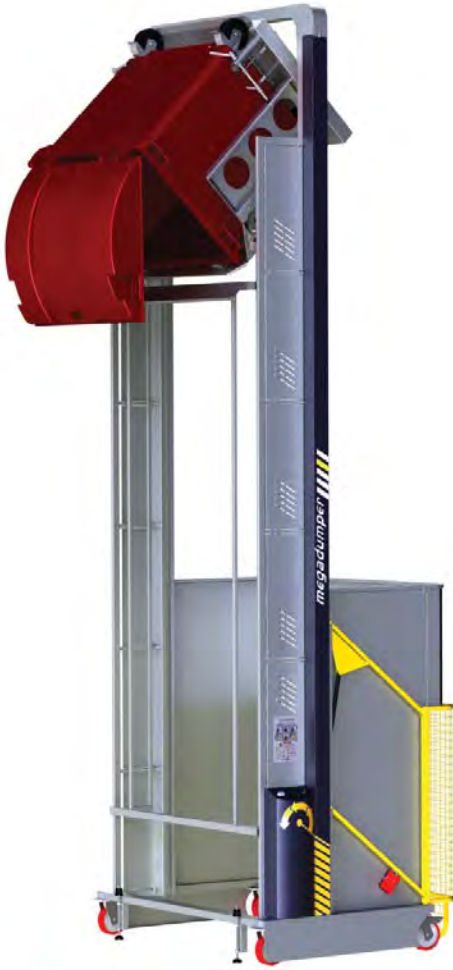
- Hydraulic powered
- 550 lb (250 kg) lifting capacity
- Ultra-low 27.5" (700 mm) tipping height
- Specifically designed for safe operation on raised loading docks or platforms
- Safety bars prevent machine from being rolled over edge of the dock or platform
- Standard cradles allow tipping all common wheelie bins up to 64 gal (240 L) with no clamping or restraint required
- 4" (100 mm) casters for easy movement with dual brakes
- Galvanized steel frame and zinc-plated cradle
- Small floor footprint
- Automatic interlock safety door
- Virtually maintenance-free, with extremely reliable electro-hydraulic mechanism
- Indoor or outdoor use

See Page 8 for Options.



MODEL	TIP HEIGHT	CAPACITY	POWER SOURCE*	OVERALL HEIGHT	OVERALL LENGTH	OVERALL WIDTH	WEIGHT	IP RATING
DM0700-B	27.5" (700 mm)	550 lb (250 kg)	Battery or 3-Phase	69.5" (1765 mm)	51" (1295 mm)	43.5" (1100 mm)	441 lb (200 kg)	IP55
<p>* Battery Specifications: (2) 12v 21Ah sealed gel batteries, driving 0.8kw DC motor drawing up to 60 Amps, with 24v DC control voltage.</p> <p>3-Phase Specifications: 400v AC 50/60hz 3-phase mains supply, driving 0.75kw AC motor drawing up to 1.9 Amps, with 24v DC control voltage.</p>								

MEGADUMPER™ BIN TIPPER



MegaDumppers™ represent one of the safest, most efficient, and easy to use industrial bin emptying solutions in the world. The MegaDumper™ was originally designed for emptying 300 and 450 gallon (1135 and 1703 Liter) bins weighing up to 1,320 pounds (600 kilograms), but can be customized to tip almost any container, at heights beyond 23 feet (7 meters). Floor space requirements do not change regardless of tipping height, since the weight of the bin remains within the floor footprint at all times. Since its introduction in 1998 the MegaDumper™ has proven to be remarkably reliable in the most demanding of environments. As with the entire line of Bin Tipplers, the MegaDumper™ was designed for safety from the ground up. Full height guarding and swing-up door with safety interlock system are fitted as standard.

FEATURES:

- Hydraulic-powered, super heavy-duty
- 1,320 lb (600 kg) lifting capacity
- Tip heights from 27.5" to over 23' (700 mm to over 7 m)
- Cradles available to suit all common industrial containers; custom cradles available
- Available with 3-phase, air or battery power packs. Battery-powered tipplers have a sealed battery and an industrial quality 'float' charger built in
- Reliable and powerful hydraulic mechanism
- Weight of bin stays within machine footprint throughout tipping cycle to ensure stability
- Simple, spill-proof controls with IP55 ingress protection
- Bolt down lugs or 4" (100 mm) casters, 2 with brakes
- Galvanized main frame and cradle
- Suitable for indoor or outdoor use
- Guarding includes a swing-up door with solenoid operated door lock, preventing all access to moving parts while machine is in operation. Machine is also immobilized while door is open.

MODELS:

Contact Solus Group.

See Page 8 for Options.

27.5"-23'
TIP HEIGHT

1,320 LB
CAPACITY

30 x 500 LB CARTS PER CHARGE
20 CYCLES/HOUR CONTINUOUS

DUTY CYCLE

BATTERY / SOLAR / 3-PHASE
/ COMPRESSED AIR

POWER



EZI-MT™ MANUAL BIN TIPPER



Designed for low volume, light-duty applications, the Ezi-MT™ Manual Bin Tipper is perfect for small businesses, schools, cafes, offices and local councils. The economically priced Ezi-MT™ takes the strain out of emptying bins, making it a safe and easy operation. The innovative hand-cranked design allows full workplace safety compliance, without expensive hydraulic machinery. The Ezi-MT™ lifts most common carts and totes weighing up to 140 pounds (65 kilograms), and empties them at a height of five feet. Workplace safety is becoming ever more important, and the Simpro Ezi-MT™ means there is no longer any excuse for emptying your waste carts by hand.

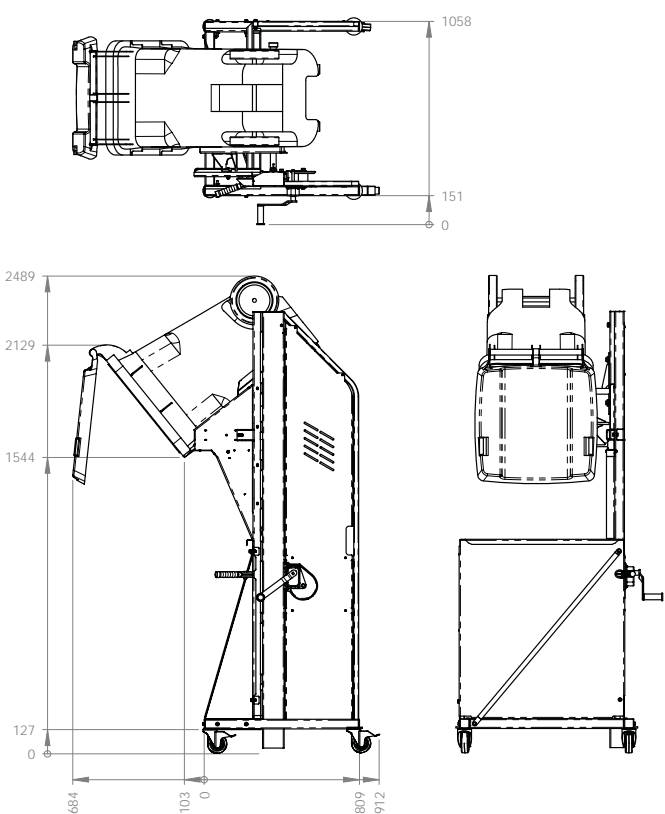
FEATURES:

- Heavy-duty winch-operated
- 140 lb (65 kg) safe lifting capacity
- 59" (1500 mm) bin tipping height
- Standard cradle lifts all common 32–96 gal (120–360 L) totes without clamping
- Weight of bin stays within machine footprint throughout tipping cycle to ensure stability
- No electrical or hydraulic components to service
- 4" (100 mm) casters for easy movement with dual brakes on operator side
- Rugged steel construction, powder-coated frame, and zinc-plated cradle and guards
- Environmentally friendly, using 50% less steel than competing products, generates no electronic waste, and is completely recyclable
- Indoor or outdoor use
- Comes in knocked down kit form, substantially minimizing freight costs

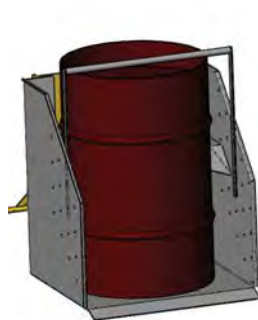
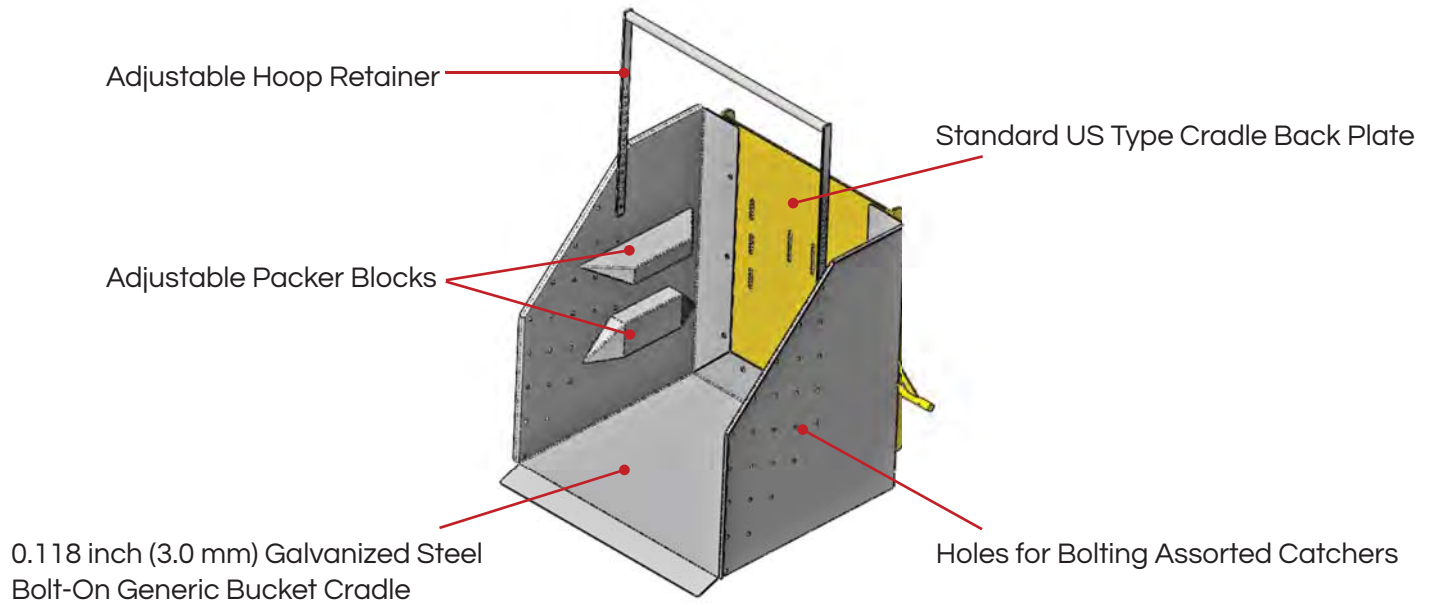
See Page 8 for Options.

MODEL	TIP HEIGHT	CAPACITY	POWER SOURCE	OVERALL HEIGHT*	OVERALL LENGTH	OVERALL WIDTH	WEIGHT	IP RATING
Ezi-MT1500	59" (1500 mm)	140 lb (65 kg)	Manual Winch	89.5" (2268 mm)	36" (912 mm)	42" (1058 mm)	254 lb (115 kg)	IP55

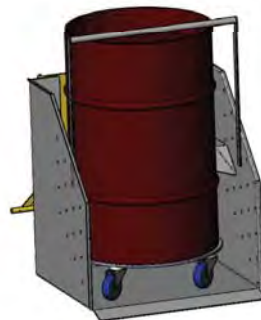
* Overall Height measurements shown for the bin tipper. Overall height with a bin tipped will vary depending on the bin used and how the bin is tipped.



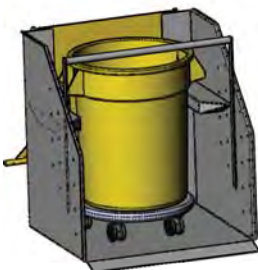
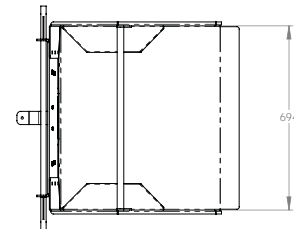
OPTIONS: STEEL BUCKET CRADLE



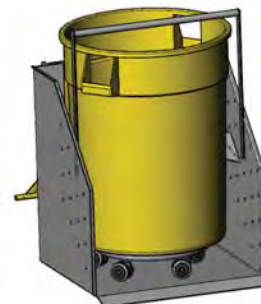
STANDARD STEEL DRUM



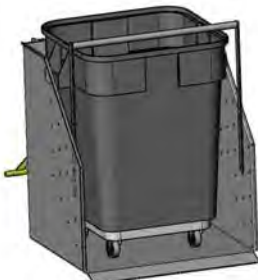
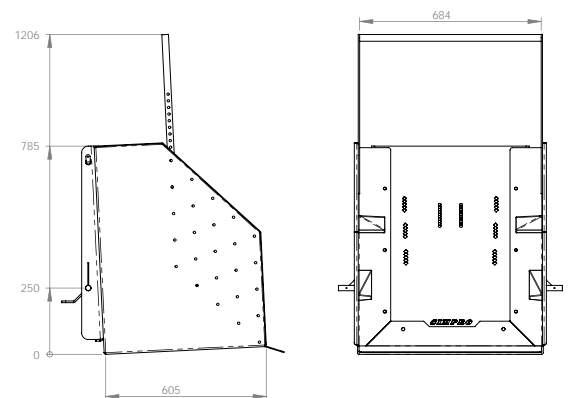
STANDARD STEEL DRUM ON DOLLY



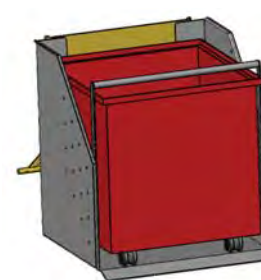
LARGE BRUTE BIN 2655



SMALL BRUTE BIN 2620



SQUARE BRUTE BIN



SQUARE CUSTOM TUB

OPTIONS



Bin Hooks



Custom Controls



Foot Guard Panel



Operator Guard



PET-G Guarding



Solar Panel



Stainless-Steel Construction



Steel Bucket Cradle



10 Swing-Up Locking Door



Tipping Chute & Front Panel

AUTO-CYCLE OPERATION

Available for mains-powered bin tipplers to enable operators to leave the machine to complete the cycle unattended.

BIN HOOKS

Secure the tippler to a bin or skip.

COMPRESSED-AIR POWER

For use in hazardous areas.

CUSTOM CONTROLS

Operator controls can be mounted anywhere on the machine or remotely to suit productivity or safety requirements. Dual-hand controls are also available to prevent the operator from engaging in other interactions.

CUSTOM DESIGNS

Contact us with your specific requirements.

DIGITAL SCALES

Platform scales fit under the cradle to enable product to be weighed before tipping.

FOOT GUARD PANELS

Foot guards prevent operators' feet from going under the machine frame.

FRONT PANEL

A guard panel is available for the front for additional protection. Note this face is normally up against the bin being tipped into.

LEFT/RIGHT-HINGED DOOR

The door on standard Dumpmaster machines is hinged on the right-hand side and Dockmaster on the left. Doors hinged on opposite are available.

PET-G OPERATOR GUARD

Unbreakable plastic guarding can be fitted adjacent to operator controls for protection when tipping liquids or harmful materials.

PET-G CAGE

Unbreakable plastic guarding panels are available in place of the standard 1" x 1" (25 mm x 25 mm) wire mesh cage.

SAFETY STANDARDS

Bin tipplers can be specified to meet international standards and/or CE regulations for an additional cost, depending on environment, application, and other factors.

SOLAR PANEL *(Battery-powered units only)*

Battery-powered bin tipplers being used outside can be fitted with a solar panel. Depending on the amount of direct sunlight available, up to two tons can be emptied per day using solar power alone.

STAINLESS-STEEL CONSTRUCTION

Bin tipplers are available either partially or completely constructed from high-grade 304 stainless-steel, suitable for hygiene-critical or corrosive environments such as food production or chemical processing. Corrosion-resistant lifting chains and fittings are also available.

STEEL BUCKET CRADLE

Powder coated steel bucket cradle includes adjustable hoop retainer and adjustable packer blocks. Bolted to the main tote cradle plates, the Bucket Cradle accommodates all tubs that fit within 27" (686 mm) wide, 24" (609.5 mm) deep, 47" (1194 mm) high, including all standard steel drums and Brute Bins.

SWING-UP LOCKING DOOR

Instead of the standard side-hinged door, opt for the swing-up door, supported by gas struts and protected by a solenoid operated lock. The door is locked while a bin is lifted or lowered, and the machine cannot run while the door is open.

TIPPING CHUTE

Frame-mounted tipping chute is available for situations where the machine cannot be flush with the bin or hopper. Note the tipping height may need to be increased to accommodate the slope of the chute.

BIN TIPPER OPTION AVAILABILITY

OPTION	 MULTI-TIP™	 DUMPMASTER™	 DOCKMASTER™	 EZI-MT™	 MEGADUMPER™
AUTO-CYCLE OPERATION (MAINS MACHINES ONLY)		X			X
BIN HOOK KIT		X			X
COMPRESSED-AIR POWER	X	X	X		X
CUSTOM CONTROLS	X	X	X		X
CUSTOM DESIGNS	X	X	X	X	X
DIGITAL SCALES		X			X
FOOT GUARD PANELS		X			X
FRONT PANEL		X			X
LEFT/RIGHT-HINGED DOOR		X	X		X
PET-G OPERATOR GUARD	X	X	X		X
PET-G CAGE		X			X
SAFETY STANDARDS	X	X	X	X	X
SOLAR PANEL (BATTERY-POWERED MACHINES ONLY)	X	X	X		X
STAINLESS-STEEL CONSTRUCTION	X	X	X	X	X
STEEL BUCKET CRADLE	X	X	X		X
SWING-UP LOCKING DOOR		X	X		S
TIPPING CHUTE		X			X

X = Available
S = Standard

FORWARD BIN TIPPER



The Forward Bin Tipper (FBT1000-760) from Solus Group is a forklift attachment that converts an existing forklift into a portable bin tipper perfectly suited for cubic bins, pallet bins, or megabins. The FBT1000-760 provides fast-controlled, hydraulic tipping action and is designed for quick and easy fitting onto or removal from a forklift while the operator remains in the forklift seat. The Forward Bin Tipper is gentle on bins, extending bin life, and suitable for a wide range of solid or vented cubic bin sizes and types made from plastic or timber. The clear-view design does not obstruct vision of tines and the unique bin grab applies a firm grip on a bin when inverted.

The Forward Bin Tipper's 135 degree forward rotation ensures completed emptying of bin. It has a minimal loss of forklift load capacity and does not affect the forklift's capacity to handle pallets or stacked bins. The FBT1000-760 is equipped with a safety catch which prevents tipping if the bin is not positioned correctly on the tines. The robust construction, powder-coat finish, stainless steel pivot pins, and long-life, zero-maintenance pivot bearings provide a trouble-free operation with minimal maintenance for years to come.

FEATURES:

- Suitable for a wide range of cubic bin sizes & types
– plastic or timber, solid or vented
- Standard unit suits bins from 43.3" to 47.2" (1100 to 1200 mm) front to rear
- Safe working load capacity up to 2,205 lb (1000 kg)
- Fits standard forklift tines up to 42.125" x 1.75" x 4.92" (1070 mm x 45 mm x 125 mm)
- 135° forward rotation ensures complete emptying of bin
- Operator does not leave forklift seat
- Unique bin grab applies firm grip on bin when inverted
- Robust construction for years of trouble-free operation
- Powder coated finish
- Stainless steel pivot pins
- Long life, zero maintenance pivot bearings
- Safety catch prevents tipping if bin is not correctly on tines
- Total width across tines is 29.9" (760 mm)
- Lost load (on 42.125" [1070 mm] tines) is 11.8" (300 mm)
- Unit weight is 342 lb (155 kg)
- Horizontal center of gravity is 23.6" (600 mm)
- Vertical center of gravity is 3.54" (90 mm)

MODEL	CAPACITY	OVERALL HEIGHT	OVERALL LENGTH	OVERALL WIDTH	WEIGHT
FBT1000-760	2,205 lb (1000 kg)	±28.94" (±735 mm)	59.1" (1500 mm)	29.9" (760 mm)	342 lb (155 kg)

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