

# BigBelly®

## Cordless Compaction System

*The solution to your waste management challenge*



- ◆ Solar-powered, automatic compaction
- ◆ Reduces collections by 4 times or more
- ◆ Eliminates overflowing bins
- ◆ Keeps litter in, pests out
- ◆ No trenching or wiring needed
- ◆ Reliable, safe and easy to use
- ◆ Demonstrates commitment to community & environment
- ◆ Ad mounts provide marketing platform

*"It will save the city time and money, keep litter from overflowing, and discourage illegal dumping of trash."*

- Tim McCarthy, Public Works,  
City of Boston

*"The machines are working magnificently. They are better than advertised."*

- Jim Burkhardt, Cincinnati Parks  
Department

*"We have saved money by reducing collections while at the same time eliminated unsightly overflowing trash cans, and reducing pests and odor."*

- Mayor David Cohen, City of Newton,  
Massachusetts

*"The main thing for a Business Improvement District is you have to make it look neater. New benches and planters are nice, but you have to get rid of the litter. The BigBelly has been terrific for our beautification efforts."*

- Marie Torniali, Steinway Street BID,  
New York City



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Made in USA - Patents Pending

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### Some Frequently Asked Questions



#### How much sunlight does it need?

The *BigBelly* system runs on a 12-Volt battery, which is kept charged by the solar panel. The battery reserve lasts for a couple weeks without any sunlight. Even in winter, with short days and cold temperatures, the units require minimal sunlight. The *BigBelly* system performs well in northern latitudes, including Vancouver, Canada, and under cloudy conditions.

#### Do the bags get too heavy?

Customers have not had problems with bag weight. Because the bag is readily lifted out of the low-height bin, workers have found the *BigBelly* system simple and ergonomically friendly to use.

#### Is the machine safe to use?

The *BigBelly* system is safe and easy for anyone to use. The trash deposit hopper prevents hands from reaching into the compaction area. The unit is locked, and the motor cannot operate with either the trash removal door or rear access panel open. The machine runs on a safe, low-voltage system.

#### Does it create more odor problems than a regular can?

The system is enclosed, so odors are contained inside. Customers in New York City have reported fewer odors from the *BigBelly* system in summer heat than from the open-air cans they replaced.

#### Is the unit susceptible to vandalism?

It's made tough: the *BigBelly* system is constructed of heavy-gauge galvanized steel, and has a thick Lexan® polycarbonate cover to protect the solar panel from impact, scratches and graffiti. To date, vandalism and graffiti have not been a customer concern.

#### Is it resistant to sand and saltwater?

The exterior has passed 10-year accelerated life-cycle corrosion testing. Customers with machines at beaches have had no problems with sand. The weather-resistant powder-coat finish over galvanized steel is designed for long life in icy and marine environments.

#### How hard is it to maintain?

The *BigBelly* system is very low-maintenance. We recommend routine lubrication of the chains, and estimate that the battery will need to be replaced and recycled after 4 years. The system uses a maintenance-free, sealed 12-Volt battery.

#### Is it expensive?

While the *BigBelly* system costs more than a regular trash can, it reduces collection requirements by 4 times or more – saving time and money. The system can pay for itself and save thousands over its lifetime. Contact us for a custom savings analysis.



### Specifications

**Dimensions:** 28" W x 36" D x 51" H

**Weight:** 540 lbs.

**Compaction Force:** 1250 lbs. max (adjustable)

**Drive System:** Gear-motor with chain drive

**Controls:** fully-automated, IC processor controlled system senses trash level, fullness and machine status

**Electronics:** 12-Volt DC system with 40-Watt solar photovoltaic module

**Materials:** galvanized steel with powder-coat finish

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