

Bigbelly Smart

Built on Bigbelly's fundamentally better bin, the Smart is a 47-gallon (178 L) capacity, CLEAN™ connected bin—ideal for geographically spread-out deployments or where collections reduction is important. The Smart can be deployed standalone or in combination with any other Bigbelly bin type to form a multi-stream kiosk.

With its fully-enclosed Chute disposal interface, the Smart is uniquely equipped to keep waste contained and out of sight. The Smart has an inner bin capacity that is 1.7x greater than a traditional waste bin.

The Smart is equipped with sensors that monitor and report fullness level, collection activity, bin status, and GPS location. All information is communicated to Bigbelly's CLEAN™ Management Console and CLEAN™ Mobile, enabling streamlined and measurable waste management operations. The built-in LEDs on the front of the bin also indicate fullness status. The bin comes standard with a replaceable alkaline battery or, optionally, it can be solar-powered.

Waste Interfaces and Streams

Hopper, Chute, Open Disposal Interface
Waste, Single-Stream Recycling, or Compost



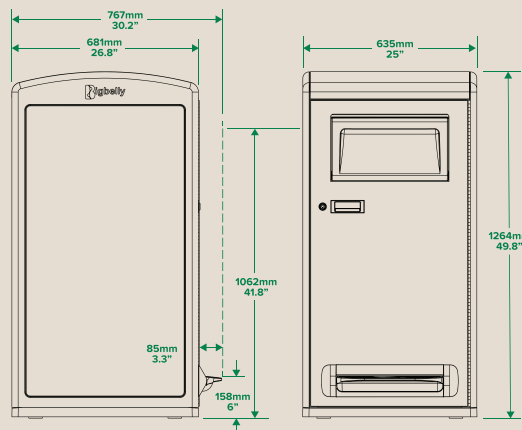
Hopper Disposal Interface
with Foot Pedal

Open Disposal Interface



Chute Disposal Interface
with Foot Pedal

Technical Specifications



Overall Machine Dimensions

- Height: 49.8" (1264 mm)
- Width: 25" (635 mm)
- Depth: 26.8" (681 mm)
- Handle Height (ADA Compliant): 41.8" (1062 mm)
- Weight: 170 lbs (77 kg)
- Shipping Weight: 200 lbs (91 kg)
- Bin Volume (Chute or Open): 47 gal (178 L)
- Bin Volume (Hopper): 32 gal (120 L)
- Bin Dimension (47 gal): 24.2" x 20" x 27.5" (615 mm x 508 mm x 699 mm)
- Bin Dimension (32 gal): 24" x 20.4" x 21.65" (609 mm x 518 mm x 549 mm)

Disposal Interface Dimensions

- Chute Opening: 15"W x 7"H x 15"D (381 mm x 178 mm x 381 mm)
- Hopper Opening: 15"W x 5"H x 6"D (381 mm x 127 mm x 152 mm)
- Open Interface Openings:
 - Waste: 15.5"W x 8"H (393 mm x 203 mm)
 - Single-Stream: 10.8"W x 8"H (274 mm x 203 mm)
 - Paper & Pizza Box: 16.5"W x 3"H (419 mm x 76 mm)
 - Bottles & Cans: 5" dia. (127 mm dia.)

Bigbelly



Bigbelly Smart



FULLY ENCLOSED



CLEAN™ CONNECTED



FULLNESS INDICATOR

Technical Specifications - Continued

Bigbelly Smart Features

- Bigbelly's fully-enclosed Chute disposal interface, standard on Smart bins, eliminates visible waste, rat and pest access, and windblown litter.
- Fully-automated and microprocessor-controlled, the Smart communicates its information and status to Bigbelly's CLEAN™ Management Console and CLEAN™ Mobile via a built-in telecom data link.
- Embedded sensors detect fullness level, overflows, Chute activity, and front door openings. The bin's location is established and monitored by onboard GPS.
- LED indicators on the front of the Smart display readiness to collect status (fullness level or age of waste), machine status, and error codes.
- The integrated Foot Pedal provides hands-free use.

Safety Features

- CE marked
- Soft-open Chute response with use of Foot Pedal
- Collection door automatically locks when closed
- No pinch points, sharp edges, or corners

Durability

- Weather-resistant, UV-stabilized polyester powder-coat finish on all exterior parts
- Electronic components temperature range of -40°F to +185°F (-40°C to +85°C)
- Fully weatherized, in the event of a flood, the bin can withstand up to 36" (915 mm) of water with only minor damage to electronics

Materials

- RoHS compliant
- Galvanized sheet metal steel interior and exterior construction
- Heavy-duty, recycled plastic side panels for dent and scratch resistance
- Leak-proof interior bin made of low-density polyethylene (LDPE) plastic

Power and Electronics

- Replaceable alkaline battery with an expected life of 2-5 years, depending on use conditions
- Optional solar panel (40W)
- Solar panel protected by polycarbonate bubble
- Self-powered unit requires no wiring
 - Companion unit powered by hub unit

Options and Accessories

- Hopper disposal interface and Open disposal interface
- Custom Graphic Wraps, Message Panels, and Stickers
- Wheeled Interior Lift Bin (bar and comb styles)
- Bigbelly ACS (Access Control System) for keyless access control
- Ashtray and Stub-out Plates
- Remote Lock for Chute or Hopper disposal interface
- Security Management System with Physical Plates
- Odor Mask

