

Bigbelly Smart Max

Built on Bigbelly's fundamentally better bin, the Smart Max is a 150-gallon (570 L) capacity, compacting bin that is CLEAN™ connected—ideal for geographically spread-out deployments or where collections reduction is important. The Smart Max can be deployed standalone or in combination with any other Bigbelly bin type to form a multi-stream kiosk.

With its fully-enclosed Hopper disposal interface, the Smart Max is uniquely equipped to keep waste contained and out of sight, even from trash pickers. The integrated compactor provides 5-10x greater capacity compared to traditional waste bins and is designed for high-waste volume locations.

The Smart Max 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 can be solar-powered for outdoor use or AC-powered for indoor use.

Waste Interfaces and Streams

Hopper, Chute, Waste, Single-Stream Recycling, or Compost

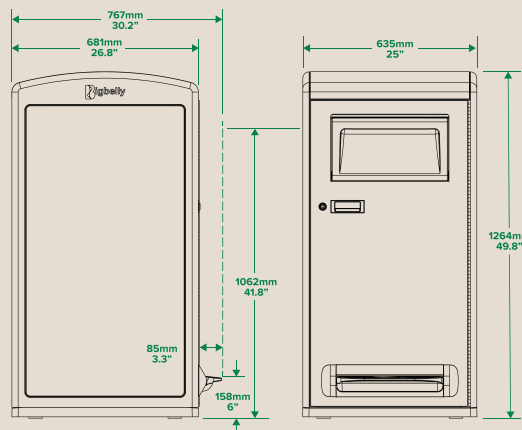


Hopper Disposal Interface
with Foot Pedal



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: 260 lbs (118 kg)
- Shipping Weight: 290 lbs (132 kg)
- Bin Volume (Hopper or Chute): 32 gal (120 L) compacted trash; approx. 150 gal (568 L) uncompacted trash.
- Bin Dimension: 24" x 20.4" x 21.65" (609 mm x 518 mm x 549 mm)

Disposal Interface Dimensions

- Hopper Opening: 15"W x 5"H x 6"D (381 mm x 127 mm x 152 mm)
- Chute Opening: 15"W x 7"H x 15"D (381 mm x 178 mm x 381 mm)

Bigbelly



Bigbelly Smart Max



FULLY ENCLOSED



CLEAN™ CONNECTED



FULLNESS INDICATOR



COMPACTOR

Technical Specifications - Continued

Bigbelly Smart Max Features

- Bigbelly's fully-enclosed Hopper disposal interface, standard on Smart Max bins, eliminates visible waste, rat and pest access, and windblown litter, and prevents strewn litter caused by trash picking. The Hopper incorporates a 70° dump angle which reduces waste disposal jams.
- Fully-automated and microprocessor-controlled, the Smart Max 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, Hopper activity, and front door openings. The bin's location is established and monitored by onboard GPS.
- LED indicators on the front of the Smart Max display readiness to collect status (fullness level or age of waste), machine status, and error codes.
- Unique built-in compaction technology delivers 5-10x compaction ratio due to superior compaction penetration (ram travels to 9" from bottom of bin).
- The integrated Foot Pedal provides hands-free use.

Safety Features

- CE marked
- Hopper disposal interface provides a physical barrier between the user and the compacting mechanism
- Soft-open Hopper response with use of Foot Pedal
- Interlocked access doors protect users and service personnel
- 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 20" (508 mm) of water without harming the electronics
 - 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

- Average operation uses less than 3 Wh energy per day, ensuring performance in any location, including in shade and under cloud cover
- Patented Skip-a-Cycle™ energy management technology protects against battery damage
- 28 Ah sealed lead acid, maintenance-free extended life battery with insulation for optimized performance (up to 5-year)
- Solar panel (40 W)
- Solar panel protected by polycarbonate bubble
- Self-powered unit requires no wiring

Options and Accessories

- Chute disposal interface
- Custom Graphic Wraps, Message Panels, and Stickers
- Wheeled Interior Lift Bin (bar and comb styles)
- AC Adapter for indoor use
- 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

