



The SmartEnergySM Compactor is so efficient it can reduce your energy usage and operating costs.

As North America's leading environmental solutions company, Waste Management is constantly perfecting new and innovative products to help your business meet its environmental needs. The Waste Management SmartEnergySM Compactor is no exception. This high-tech solution, that includes solar power provided by Big Belly SolarSM, makes it easy to do the right thing for your budget and the environment.

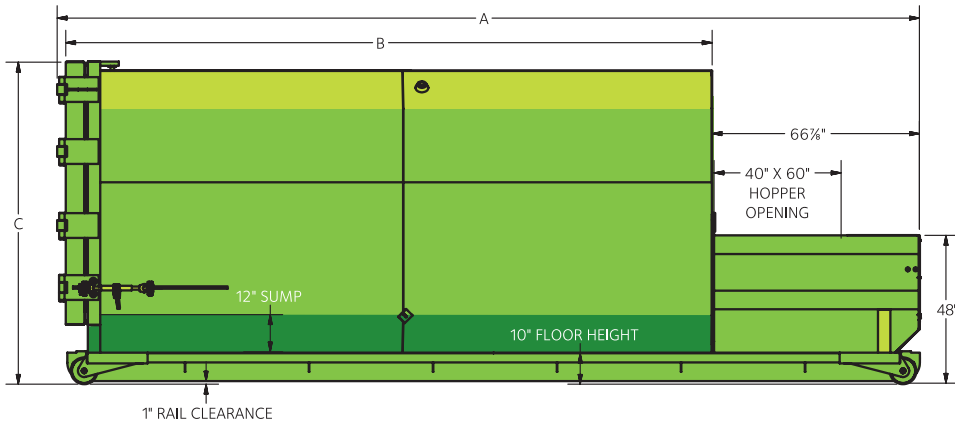
The commercial compactor that helps you act green and save green:

- It can reduce electricity consumption by as much as 70% versus traditional compactors. This results in lower operating costs and a reduced carbon footprint.
- It provides equal compaction performance and cycle times compared to traditional compactors – with lower energy usage.
- Each compactor is factory equipped with CMS, Waste Management's Compactor Monitoring Service. This enables us to optimize when your compactor is emptied, eliminating unnecessary pickups and greenhouse gas emissions while keeping your business up and running.
- The SmartEnergySM Compactor's electronic controls are powered by solar energy, while the compactor cycle is traditionally powered. If the compactor doesn't have the maximum solar charge, it is equipped with constant AC-powered backup so that you can always run a cycle while the battery recovers.
- The SmartEnergy Compactor has a "two-speed" system, which acts like a car with a highway gear and a city gear.
 - It actually "downshifts" when it needs more compression and uses less energy than a traditional one-speed system.
- The charge box fullness indicator encourages users to run cycles only when needed, reducing your company's electricity usage and carbon footprint.
- The SmartEnergySM Compactor is a visible statement to your stakeholders about your commitment to sustainability.

Contact your local
Waste Management
sales representative
for more information.



PRODUCT SPECIFICATIONS



	A Overall Length	B Container Length	C Overall Height	Width
15 cu yds	163"	86 ³ / ₈ "	90"	102"
20 cu yds	203"	126 ³ / ₈ "	90"	102"
25 cu yds	218"	141 ³ / ₈ "	104"	102"
30 cu yds	248"	171 ³ / ₈ "	104"	102"
35 cu yds	278"	201 ³ / ₈ "	104"	102"
39 cu yds	299"	222 ³ / ₈ "	104"	102"

Specifications

Charge Box

- Wastequip rating—2.00 cubic yards
- Wastec rating—1.34 cubic yards
- Clear top opening—40" length x 60" width

Ram

- Face plate—¹/₂" steel with ⁵/₈" stiffener plates
- Base plate—¹/₂" flat bar with 3" structural channel
- Top plate—¹/₄" steel plate with 5" x 3¹/₂" angle support
- Side plates—Framed with 3" structural channel
- Ram height—26.00"

Compactor Head

- Floor—¹/₂" with two 6" channel supports
- Sides—¹/₄" side plates with 6" x 3" formed steel stiffener
- Top rail—6" x 3" formed steel stiffener
- Breaker bar—6" x 6" x ³/₄" angle steel
- Sump—12" height

Electrical

- Electric motor—5 hp TEFC (Totally Enclosed Fan Cooled)
- Solar: 50 watt PV
- Battery: 12 V sealed lead acid
- Voltage—208/230/460, 3 phase, 60 HZ (optional 575V)
- Power box—Guardian NEMA 4 rated, UL listed
- Operator control station—NEMA 4 rated 24 volt
- Automated cycle operation—turn key switch—ram extends, retracts and stops automatically

Hydraulic Specifications

- Pump—8.3/4.3 gpm HiLo
- Ram penetration—6"
- Cycle time—28-49 seconds
- Hydraulic cylinder—(2), cylinder bore—4"
- Cylinder rod—2.5"
- Hydraulic oil tank—20 gallon reservoir
- Power unit location—remote

Hydraulic Performance

- **Ram face pressure:**
Normal—39,800 lb., Maximum—49,500 lb.
- **Ram psi:**
Normal—25.00 psi, Maximum—31.73 psi
- **Operating pressure:**
Normal—1,850 psi, Maximum—2,300 psi

Container

- 7 gauge floor with 3" channel crossmember
- 6" x 2" x ¹/₄" tube rails, 36¹/₂" I.D. between rails
- Solid steel bullnose and hook at both ends
- 4" diameter rollers, 4¹/₂" long
- Length, width and height—see chart above

STANDARD FEATURES

- External power unit
- Ground-mount or wall-mount solar panel
- Full AC-power backup
- Chargebox fullness notification system
- Low temperature oil
- Full container light

PRODUCT OPTIONS

- Customizable hoppers and chutes
- Cart dumper
- Odor control system
- Color-coded pressure gauge
- Guide rails

