

# 265X-SOH SOLAR HYBRID SELF-CONTAINED COMPACTOR



Wastequip's Solar Hybrid compactor combines the power of the sun with AC power, resulting in efficient performance you can count on.

**The Wastequip Solar Hybrid Compactor reduces your energy usage and extends your equipment life.**

## Benefits

- ▶ Reduces electricity consumption by as much as 70% compared to standard compactors
- ▶ Runs on both solar and AC power
- ▶ Charge box has photo electric eye that alerts you when full and ready to run a cycle
- ▶ Fewer compaction cycles improve service life and reduce maintenance costs



## 24 volt Guardian control system is UL listed

- Automatically alerts you when preventative maintenance is due
- Watchdog timers prevent motor burnout
- Eliminates unnecessary hauls due to false full readings
- Low DC voltage controls enhance operator safety by reducing electrical shock hazard
- NEMA 4 enclosure provides component protection from the elements versus NEMA 3R/12 panels



# SELF-CONTAINED COMPACTORS

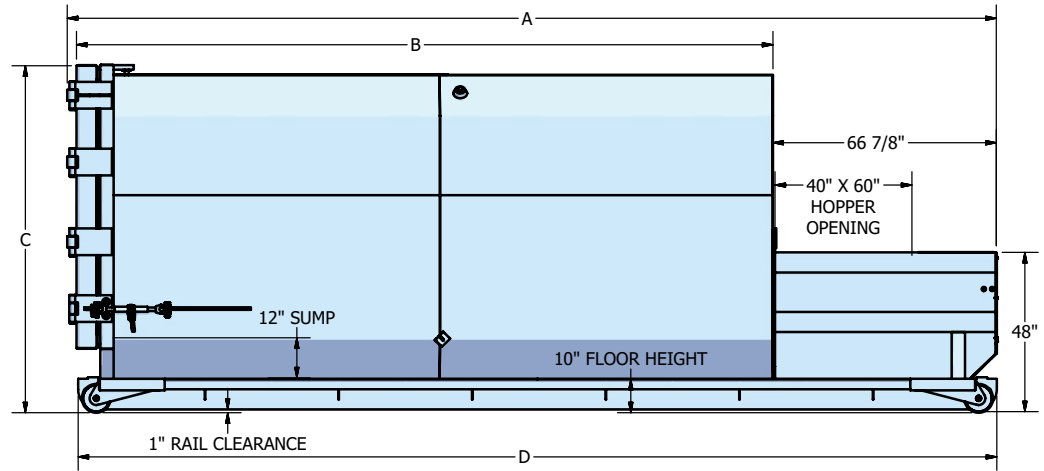
## FEATURES

### STANDARD

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

### OPTIONS

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



## Compactor Models

265X-SOH model (cu. yds.)	Overall length (A) (in.)	Container length (B) (in.)	Overall height (C) (in.)	Floor length (D) (in.)*	Width (in.)	Weight (lbs.)
20	188	126 3/8	100	185	102	8,500
25	218	141 3/8	100	215	102	8,850
30	248	171 3/8	100	245	102	9,450
35	278	201 3/8	100	275	102	10,000
38	299	222 3/8	100	296	102	10,500

\* Bullnose to bullnose

## 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 3-1/2" angle support
- Side plates - Framed with 3" structural channel
- Ram height - 26.00"

### Compactor Head

- Floor - 1/2" with two 6" formed 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: 12V 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 to 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 lbs
- Maximum - 49,500 lbs

#### 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, 3/16" I.D. between rails
- Solid steel bullnose and hook at both ends
- 4" diameter rollers, 4 1/2" long
- Length, width and height - see chart above

### Standard Color Choices\*



\* Colors shown are as accurate as printing allows. The actual color is subject to variation from the printed color sample. Color choices vary by plant location. Please contact your local sales representative for available colors. Custom colors are available upon request and are subject to an additional charge.



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