

# 100% Solar Powered Compactors & Hybrid Solar Compactors

*They can go just about anywhere!*

Marathon Equipment, the first to incorporate sustainable solar power into waste compaction systems, is now offering the first **100% Solar Powered Industrial Compactor**. A **Hybrid** system is also available that uses no AC power while in solar mode but will automatically switch to AC if needed for unlimited throughput.

Hospitals

College Campuses

Fast Food Restaurants

Retail Stores

Convenience Stores

Gas Stations

Parks and Recreational Areas

and Much More!



Patents Pending




*Marathon Equipment, the first to incorporate sustainable so*

## 100% Solar Powered Vert-I-Pack® requires no electrical hookups!

**Marathon, the first to  
bring you sustainable Solar  
Powered Compactors, now  
offers a hybrid with unlim-  
ited throughput capabilities**

- ▼ Saves on installation costs.
- ▼ 100% solar powered so it can go just about anywhere!
- ▼ Perfect for college campuses, hospitals, restaurant and retail business trash corrals, remote parking lot areas, parks and recreational areas, and much more!

The image shows two large, green, rectangular compactors on a grassy field under a blue sky with light clouds. Each compactor has a large, rectangular solar panel mounted on top. The compactor on the left is slightly behind and to the side of the one on the right. Both have a hopper on top and a discharge chute on the side. The solar panels are tilted towards the sun.

The hybrid **GreenBuilt** Solar Powered Self-contained compactor connects to the power grid as a backup that automatically switches if necessary. The batteries will recover as the compactor continues to be available for operation. While in solar mode, it uses no AC power – when in hybrid mode, it uses much less energy than conventional power units.

lar power into industrial waste compaction systems!

## Other GreenBuilt Products:

### GreenBuilt Dual Recycling Compactor

- ▼ 5 HP High Efficiency Submerged Power Unit
- ▼ Biodegradable hydraulic fluid



### GreenBuilt Stationary Compactors

- ▼ 5 HP High Efficiency Submerged Power Unit or Solar Power Unit
- ▼ Biodegradable hydraulic fluid



### GreenBuilt PAK'NTAINER

- ▼ Solar Power Unit
- ▼ Biodegradable hydraulic fluid



### GreenBuilt Vertical Baler

- ▼ 5 HP High Efficiency Submerged Power Unit
- ▼ Biodegradable hydraulic fluid



**Waste Compaction reduces hauling costs and truck emissions by over 70% over open-top applications!**

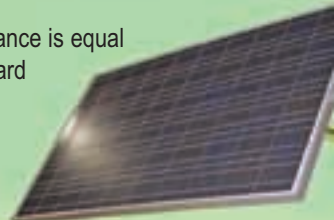
**Enjoy immediate cost and space savings with a GreenBuilt Leasing Program – NO Up Front Cost to you!**

Patents Pending

## GreenBuilt Power Units: Solar Power Unit

For use with several self-contained compactor models, and RJ-225GB stationary compactor.

- ▼ Unlimited throughput capacity made possible by backup power from 120 AC electrical hookup. Automatically switches to grid when needed.
- ▼ Compaction performance is equal to comparable standard power units.
- ▼ No 3-phase power needed.
- ▼ Environmentally friendly biodegradable hydraulic fluid.
- ▼ Power is stored in 4-premium deep cycle batteries.
- ▼ 1.5 HP single phase 120 V electric motor with variable displacement pump.



## 5 HP High Efficiency Variable Displacement Power Unit

- ▼ Environmentally friendly biodegradable hydraulic fluid.
- ▼ Offers speed and performance comparable to 10 HP units while using 50% less power/energy.
- ▼ Available for self-contained compactors and stationary compactors.



# GreenBuilt Specifications

## GreenBuilt 5 HP Power Unit Specs

**Electric Motor** 3/60/208-230/460 – 5 HP (3.7 kW)  
**Electric Control Voltage** – 120 VAC  
**Key Operated Control Station** – All Circuits Fused  
**Hydraulic Pump** – 11 GPM HiLo (41.6 L/min)  
**Pressures & Forces** – same as standard units  
**Hydraulic Fluid** – Biodegradable

## GreenBuilt Solar Power Unit Specs

**Electric Motor** – 120 Volt AC  
**Batteries** – Powered stored in 4 premium deep cycle batteries (2 for Hybrid VIP - 3 for 100% Solar VIP)  
**Key Operated Control Station**  
**Hydraulic Pump(s)** – Multi-stage  
**Pressures & Forces** – same as standard units  
**Hydraulic Fluid** – Biodegradable

## GreenBuilt Self-Contained Compactor Specifications

| Model     | Container Capacities*        | *Charge Box Capacity | Feed Opening  | System Pres-Norm. | System Pres-Max. | Force Rate-Norm | Force Rate-Max | 5 HP Cycle Time | Solar Cycle Time** |
|-----------|------------------------------|----------------------|---------------|-------------------|------------------|-----------------|----------------|-----------------|--------------------|
| RJ-88 SC  | 15, 20, & 24 cy.             | 0.7 cy.              | 30 1/2" x 48" | 1,700 psi         | 2,000 psi        | 36,600 lbs.     | 43,100 lbs.    | 25 sec.         | 55 sec.            |
| RJ-88 HT  | 16, 20, & 24 cy.             | 0.7 cy.              | 30 1/2" x 48" | 1,700 psi         | 2,000 psi        | 36,600 lbs.     | 43,100 lbs.    | 25 sec.         | 55 sec.            |
| RJ-250 SC | 15, 20, 25, 30, 34, & 39 cy. | 1.31 cy.             | 41" x 58"     | 1,850 psi         | 2,300 psi        | 39,900 lbs.     | 49,500 lbs.    | 32 sec.         | 70 sec.            |
| RJ-250 HT | 25, & 29 cy.                 | 1.31 cy.             | 41" x 58"     | 1,850 psi         | 2,300 psi        | 39,900 lbs.     | 49,500 lbs.    | 32 sec.         | 70 sec.            |
| DRC II    | 8.4 – 19.6 cy. per compart.  | 1.79 cy.             | 34 1/2" x 48" |                   | 2,000 psi        |                 | 31,800 lbs.    | 36 sec.         | NA                 |

## GreenBuilt Stationary Compactor Specifications

| Model        | *Charge Box Capacity | Feed Opening  | System Pres-Norm. | System Pres-Max. | Force Rate-Norm | Force Rate-Max | 5 HP Cycle Time | Solar Cycle Time** |
|--------------|----------------------|---------------|-------------------|------------------|-----------------|----------------|-----------------|--------------------|
| RJ-225       | 1.55 cy.             | 40 1/2" x 60" | 1,650 psi         | 1,950 psi        | 46,700 lbs.     | 55,100 lbs.    | 69 sec.         | 138 sec.           |
| TC-220T TANK | 1.44 cy.             | 42" x 58"     | 2,000 psi         | 2,000 psi        | 54,500 lbs.     | 54,500 lbs.    | 49 sec.         | NA                 |
| TC-225T TANK | 1.82 cy.             | 53 1/2" x 58" | 2,000 psi         | 2,000 psi        | 54,500 lbs.     | 54,500 lbs.    | 59 sec.         | NA                 |

## GreenBuilt Vert-I-Pack® & PAK'NTAINER® Specifications

| Model           | Collection Vehicle Type | Container Capacities | Charge Box Capacity* | Feed Opening  | System Pres-Norm. | System Pres-Max. | Force Rate-Norm | Force Rate-Max | Solar Cycle Time** |
|-----------------|-------------------------|----------------------|----------------------|---------------|-------------------|------------------|-----------------|----------------|--------------------|
| Front Feed VIP  | FL                      | 3, 4, 6 & 8 cy.      | 0.54 cy.             | 23 1/2" x 46" | 2,100 psi         | 2,400 psi        | 26,400 lbs.     | 30,200 lbs.    | 30 sec.            |
| Rear Feed VIP   | FL                      | 4, 6 & 8 cy.         | 0.54 cy.             | 23 1/2" x 46" | 2,100 psi         | 2,400 psi        | 26,400 lbs.     | 30,200 lbs.    | 30 sec.            |
| Side Feed VIP   | FL                      | 3, 6 & 8 cy.         | 0.54 cy.             | 23 1/2" x 46" | 2,100 psi         | 2,400 psi        | 26,400 lbs.     | 30,200 lbs.    | 30 sec.            |
| Front Feed VIP  | RL                      | 4 cy.                | 0.54 cy.             | 23 1/2" x 46" | 2,100 psi         | 2,400 psi        | 26,400 lbs.     | 30,200 lbs.    | 30 sec.            |
| Rear Feed VIP   | RL                      | 4 cy.                | 0.54 cy.             | 23 1/2" x 46" | 2,100 psi         | 2,400 psi        | 26,400 lbs.     | 30,200 lbs.    | 30 sec.            |
| Untouchable VIP | FL                      | 2.5 cy.              | 0.54 cy.             | 23 1/2" x 46" | 2,100 psi         | 2,400 psi        | 26,400 lbs.     | 30,200 lbs.    | 30 sec.            |
| VIP FL/3        | FL                      | 3 cy.                | 0.54 cy.             | 23 1/2" x 46" | 2,100 psi         | 2,400 psi        | 26,400 lbs.     | 30,200 lbs.    | 30 sec.            |
| PAK'NTAINER     | FL/RL                   | 4 & 6 cy.            | 0.5 cy.              | 22 1/2" x 46" | 2,100 psi         | 2,400 psi        | 19,800 lbs.     | 19,800 lbs.    | 27 sec.            |

FL = Front Loader collection trucks      RL = Rear Loader collection trucks

## GreenBuilt Vertical Baler Specifications

| Model    | Bale Size          | Bale Weight (OCC) | Feed Opening | System Pressure | System Pres-Max. | Platen Force | Platen Pressure | 5 HP Cycle Time |
|----------|--------------------|-------------------|--------------|-----------------|------------------|--------------|-----------------|-----------------|
| V-6030HD | 60"W x 30"D x 48"H | Up to 1,100 lbs.  | 60" x 25"    | 2,000 psi       | 2,200 psi        | 56,550 lbs.  | 34 psi          | 54 sec.         |
| V-7230HD | 72"W x 30"D x 48"H | Up to 1400 lbs.   | 72" x 25"    | 2,000 psi       | 2,200 psi        | 56,550 lbs.  | 29 psi          | 54 sec.         |

\* WASTEC Rating

\*\* Cycle time may vary because of battery charge level.

## MarathonEquipment.com



MARATHON EQUIPMENT COMPANY

P.O. Box 1798 • Vernon, AL 35592-1798 USA • (205) 695-9105 fax (205) 695-7250 1-800-633-8974

130 Hwy. 339 • Yerington, NV 89447 USA • (775) 463-4030 fax (775) 463-4531 1-800-624-5724

1102 Industrial Park Rd. • Clearfield, PA 16830 USA • (814) 765-0200 fax (814) 765-2072 1-800-922-7062

Pictures in this literature are illustrative only. Specifications are subject to change without notice in order to accommodate improvements to the equipment. Certified in compliance with ANSI Regulation Z245.2, all OSHA standards, and certified under WASTEC's Stationary Compactor Certification Program. Products must be used with safe practice and in accordance with said regulations and standards.

