

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 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!

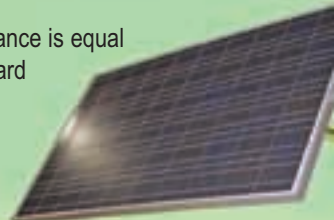
Enjoy immediate cost and space savings with a GreenBuilt Leasing Program – NO Up Front Cost to you!

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



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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.

