



Bright ideas for waste management

Commitment to the Environment

Powder Coat Painting

- ▶ Powder coat painting is the most environmentally friendly way to paint our metal
- ▶ It is not toxic, not hazardous, there is no waste, no fumes and virtually no VOC (volatile organic compounds)
- ▶ The powder gets a positive charge and is attracted to a grounded piece of metal. The part is then baked in a kiln and powder flows evenly across the part.

Packaging

- ▶ BigBellySolar has made an effort to reduce the amount of packaging for our product (balanced by need to protect BigBelly in shipping)
- ▶ Less cardboard and plastic for our customer to recycle or dispose of
- ▶ Cardboard and pallets are recyclable

Reduction in Bags

- ▶ Part of overall BigBelly efficiency model is reduction in number of bags vs. traditional receptacle
- ▶ We estimate a 75% reduction in # of bags needed w/ a BigBelly

Our Suppliers

- ▶ Our suppliers have several common characteristics
- ▶ All have relatively new state of the art plants, all are focused on meeting and exceeding EPA and local environmental standards, all have shown impressive gains in this area.
- ▶ For example, our source for manufacturing, based in VT, has successfully implemented programs to reduce noise and traffic for the surrounding local community, has reduced VOC (volatile organic compound) emissions by 90%, has made impressive gains on energy efficiency and recycling of various material used in its facilities. It meets ISO9001 standard for quality management systems and complies with ISO14001 environmental standards.

BigBelly is CE and RoHS Compliant

- ▶ CE means BigBelly conforms to tough European safety standards
- ▶ RoHS = Restriction of Hazardous Substances Directive
- ▶ RoHS restricts the use of six hazardous materials (lead, cadmium, mercury, hexavalent chromium, and two fire retardants PBBB and PBDE)
- ▶ No lead is used in BigBelly circuit boards and no chromium used in the plating of our sheet metal. Also, our product does not contain the other hazardous materials listed.
- ▶ RoHS is not mandatory, we choose to meet this higher requirement and pay more to do so

Side panels and Hopper Cover

- ▶ Our black ABS plastic contains post consumer recycled content of 80% to 100% and can itself be recycled.



New Leak Proof Bins

- ▶ We have developed leak-proof bins for BigBelly
- ▶ Customer can choose to eliminate bags entirely with this new bin

Batteries

- ▶ Our lead acid battery is essentially the same as an automotive battery
- ▶ According to AAA, in the US there are 100 million automotive batteries sold per year and approximately 95%+ are recycled
- ▶ Our battery is recyclable

MADE IN USA — PATENTS PENDING
CE AND ROHS COMPLIANT