



is changing the concept of solid waste management with  
the World's first and only  
**on-site solar compaction systems**

# Your Solid Wastes Management



Our **BigBelly®**, can be found  
around the globe, reducing waste collection  
frequency, lowering costs, and ensuring a cleaner,  
greener environment.



Delta Pyramax Engineering Ltd  
佳澤工程有限公司

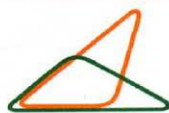
WebSite: [www.solarbin.com.hk](http://www.solarbin.com.hk), [www.deltapyramax.com](http://www.deltapyramax.com)

E mail : [joyceli@deltapyramax.com.hk](mailto:joyceli@deltapyramax.com.hk)

Tel: (852) 2511 2118 Fax (852) 2507 5078



# BigBelly®



**Delta Pyramax Engineering Ltd**  
佳澤工程有限公司

WebSite: [www.deltapyramax.com](http://www.deltapyramax.com)

E mail : [joyceli@deltapyramax.com.hk](mailto:joyceli@deltapyramax.com.hk)

Tel: (852) 2511 2118

Fax: (852) 2507 5078

## Cordless. Solar. Automatic.

BigBelly® uses the sun's energy to automatically compact trash at the point of disposal, dramatically increasing capacity by 5 times. Increased capacity reduces collection trips and can cut related fuel use and greenhouse gas emissions by 80%.



**BigBelly®**  
**SOLAR**

[bigbelly.com](http://bigbelly.com)

**Delta Pyramax Engineering Ltd.**



**Delta Pyramax Engineering Ltd**  
佳 澤 工 程 有 限 公 司

- ▶ Solar-powered, automatic compaction
- ▶ Reduces collections by 4 times or more
- ▶ Eliminates overflowing bins
- ▶ Keeps litter in, pests out
- ▶ No trenching or wiring needed
- ▶ Reliable, safe and easy to use
- ▶ Demonstrates commitment to community & environment
- ▶ Educate your constituents
- ▶ Ad mounts provide marketing platform



"The [BigBelly] solar trash receptacles have to go citywide. It will give us a more productive work force because you don't have to pick them up every day."

— Mayor Thomas Menino, City of Boston

"The machines are working magnificently. They are better than advertised."

— Jim Burkhardt, Cincinnati Parks Department

"Without question, the BigBelly system has reduced litter and made the city cleaner and more efficient. With the time saved on fewer collections, we can redeploy workers to other important tasks."

— Mayor David Cohen, City of Newton, Massachusetts

"The main thing for a Business Improvement District is you have to make it look neater. New benches and planters are nice, but you have to get rid of the litter. The BigBelly has been terrific for our beautification efforts."

— Marie Torniali, Steinway Street BID, New York City



Technology  
Pioneer 2007

BIGBELLY® SOLAR—PROUD RECIPIENT OF TOP AWARDS



Springwise Top 10  
Eco & Sustainability  
Business Ideas in 2007



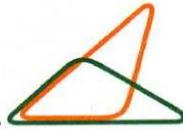
**Delta Pyramax Engineering Ltd.**

**WebSite: [www.deltapyramax.com](http://www.deltapyramax.com)**

**E mail : [joyceli@deltapyramax.com.hk](mailto:joyceli@deltapyramax.com.hk)**

**Tel: (852) 2511 2118**

**Fax: (852) 2507 5078**



Delta Pyramax Engineering Ltd  
佳澤工程有限公司



## Educational Campuses

Enhance your campus sustainability program with BigBelly® Solar Compactors!

- ▶ **Streamline operations**  
—reduce collections by up to 80%!  
*Free up employees for higher-value activities*
- ▶ **Functional, Visible and Educational!**  
*Reinforces campus sustainability efforts*
- ▶ **Rapid return on investment**  
*BigBelly can pay its own way*
- ▶ **Eliminate loose trash, rodent and insect problems**  
*Reclaim the character of your campus*
- ▶ **Tremendous PR value**  
*Street-level solar: Walk the talk...NOW!*
- ▶ **Safe and ultra-low maintenance**  
*Proven worldwide. Employ with confidence*



"I was skeptical at first, but to my amazement, the machines are working great for the university. They're very attractive and people really use them. We only have to empty them intermittently, and there's no maintenance—we don't have to worry about them at all. I'm a believer now."

—Ted Woods  
Refuse Coordinator Arizona State University

"...The 'BigBelly' will prevent the need for up to 10 pickup truck visits to this busy corner of the campus, saving fuel and reducing emissions..."

—Harvard Green Campus Initiative:  
Solar Trash Compactor Conserves Energy

"The [BigBelly] solar trash receptacles have to go citywide. It will give us a more productive work force because you don't have to pick them up every day."

—Mayor Thomas Menino  
City of Boston



Technology  
Pioneer 2007

BIGBELLY® SOLAR—PROUD RECIPIENT OF TOP AWARDS



Springwise Top 10  
Eco & Sustainability  
Business Ideas in 2007

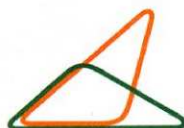


Delta Pyramax Engineering Ltd.

WebSite: [www.deltapyramax.com](http://www.deltapyramax.com)

E mail : [joyceli@deltapyramax.com.hk](mailto:joyceli@deltapyramax.com.hk)

Tel: (852) 2511 2118  
Fax: (852) 2507 5078



**Delta Pyramax Engineering Ltd**  
佳澤工程有限公司

- ▶ Solar-powered, automatic compaction
- ▶ Reduces collections by 4 times or more
- ▶ Eliminates overflowing bins
- ▶ Keeps litter in, pests out
- ▶ No trenching or wiring needed
- ▶ Reliable, safe and easy to use
- ▶ Demonstrates commitment to community & environment
- ▶ Educate your constituents
- ▶ Ad mounts provide marketing platform

### Modern solution



### Classic problem



"The [BigBelly] solar trash receptacles have to go citywide. It will give us a more productive work force because you don't have to pick them up every day."

—Mayor Thomas Menino, City of Boston

"The machines are working magnificently. They are better than advertised."

—Jim Burkhardt, Cincinnati Parks Department

"Without question, the BigBelly system has reduced litter and made the city cleaner and more efficient. With the time saved on fewer collections, we can redeploy workers to other important tasks."

—Mayor David Cohen, City of Newton, Massachusetts

"The main thing for a Business Improvement District is you have to make it look neater. New benches and planters are nice, but you have to get rid of the litter. The BigBelly has been terrific for our beautification efforts."

—Marie Torniali, Steinway Street BID, New York City



Technology  
Pioneer 2007



Springwise Top 10  
Eco & Sustainability  
Business Ideas in 2007



**Delta Pyramax Engineering Ltd.**

WebSite: [www.deltapyramax.com](http://www.deltapyramax.com)  
E mail : [joyceli@deltapyramax.com.hk](mailto:joyceli@deltapyramax.com.hk)

**Tel: (852) 2511 2118**  
**Fax: (852) 2507 5078**



**Delta Pyramax Engineering Ltd**  
佳澤工程有限公司

- ▶ Solar-powered, automatic compaction
- ▶ Reduces collections by 4 times or more
- ▶ Eliminates overflowing bins
- ▶ Keeps litter in, pests out
- ▶ No trenching or wiring needed
- ▶ Reliable, safe and easy to use
- ▶ Demonstrates commitment to community & environment
- ▶ Educate your constituents
- ▶ Ad mounts provide marketing platform



**Modern solution**



**Classic problem**

"The [BigBelly] solar trash receptacles have to go citywide. It will give us a more productive work force because you don't have to pick them up every day."

—Mayor Thomas Menino, City of Boston

"The machines are working magnificently. They are better than advertised."

—Jim Burkhardt, Cincinnati Parks Department

"Without question, the BigBelly system has reduced litter and made the city cleaner and more efficient. With the time saved on fewer collections, we can redeploy workers to other important tasks."

—Mayor David Cohen, City of Newton, Massachusetts

"The main thing for a Business Improvement District is you have to make it look neater. New benches and planters are nice, but you have to get rid of the litter. The BigBelly has been terrific for our beautification efforts."

—Marie Torniali, Steinway Street BID, New York City



Technology  
Pioneer 2007

BIGBELLY® SOLAR—PROUD RECIPIENT OF TOP AWARDS



Springwise Top 10  
Eco & Sustainability  
Business Ideas in 2007



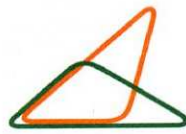
**Delta Pyramax Engineering Ltd.**

**WebSite: [www.deltapyramax.com](http://www.deltapyramax.com)**

**E mail : [joyceli@deltapyramax.com.hk](mailto:joyceli@deltapyramax.com.hk)**

**Tel: (852) 2511 2118**

**Fax: (852) 2507 5078**



*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 Complaint

- ▶ 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.



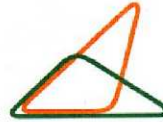
### New Leak Proof Bins

- ▶ 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

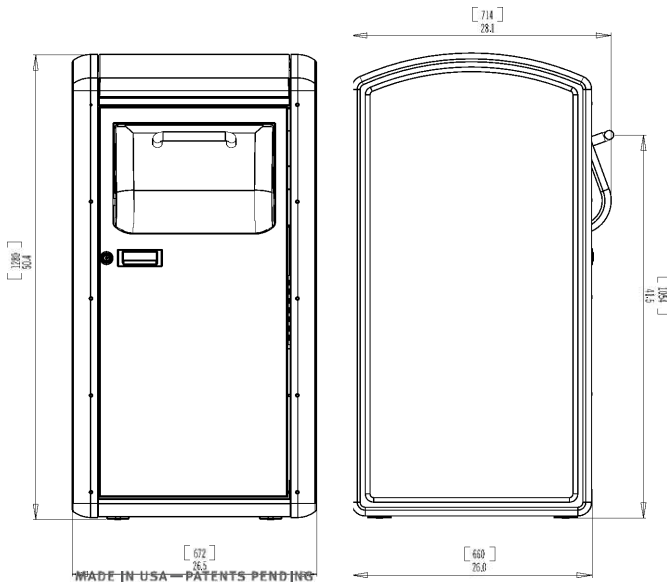
MADE IN USA—PATENTS PENDING  
CE AND RoHS COMPLIANT



Delta Pyramax Engineering Ltd  
佳澤工程有限公司



## Technical Specs



### Overall Machine Dimensions

Height: 50.4" (1281mm)  
Width: 26.1 (664mm)  
Depth: 25.9" (657mm)  
Handle Height (ADA Compliant): 41.6" (1056mm)  
Weight: 300 lbs (136 kg)  
Trash Hopper Insertion Opening: 6" x 17" (152mm x 432mm)  
Bin Volume: 32 gallons  
Liner Bag: 32" H, 92" circumference  
(recommended thickness at least 2 mil)  
Conforms to ADAH standards

### Compaction Features

Compaction Force: 1250 lbs. max (570 kg)  
Cycle Time: 41 seconds  
(users can deposit trash during cycle — no lock-out)  
Motor Size: 1/6-HP DC gear motor  
System Voltage: 12 Volts DC  
Drive System: Gear motor with chain drive  
(non-hydraulic); ANSI No. 40 heavy-duty chains  
Fully automated, IC processor controlled system  
senses trash level, fullness and machine status  
3-color LED status lamps indicate compacted trash level,  
machine status and error codes  
Unique design achieves deep ram penetration  
Vertical ram travel provides even compaction

### Materials

RoHS compliant  
Galvanized sheet metal steel interior and exterior  
construction (recycled content)  
Heavy duty plastic side panels for dent and scratch  
resistance (recycled content)  
Exterior Finish: polyester TGIC powder-coat finish for  
outdoor and salt spray durability  
Trash Bin: single bin is leak proof made out of low-density  
polyethylene plastic

### Photovoltaic System

Polycrystalline silicon cell module  
Nominal Output: 30 Watts  
Shock-dampening mount system  
PV panel protected by polycarbonate bubble  
Spill-proof, sealed maintenance-free 12V battery  
Charge maintained by Pulse Width Modulator  
Cordless, self-powered unit requires no wiring  
Fully portable — no installation required

### Safety Features

CE approved  
Fully interlocked access doors protect users and  
service personnel  
Locked front trash removal door  
Separately keyed service access  
Fault-tolerant design for trash hopper insertion door  
prevents access to compaction area  
Low voltage system

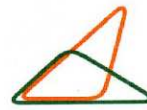
Delta Pyramax Engineering Ltd.

WebSite: [www.deltapyramax.com](http://www.deltapyramax.com)  
E Mail : [joyceli@deltapyramax.com.hk](mailto:joyceli@deltapyramax.com.hk)

Tel: (852) 2511 2118  
Fax: (852) 2507 5078



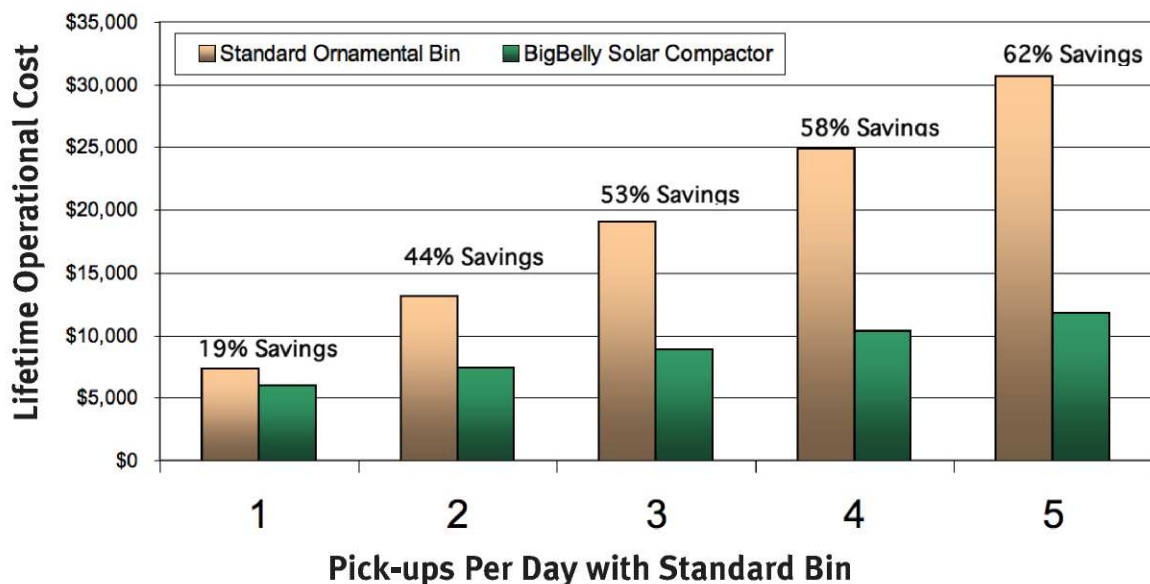
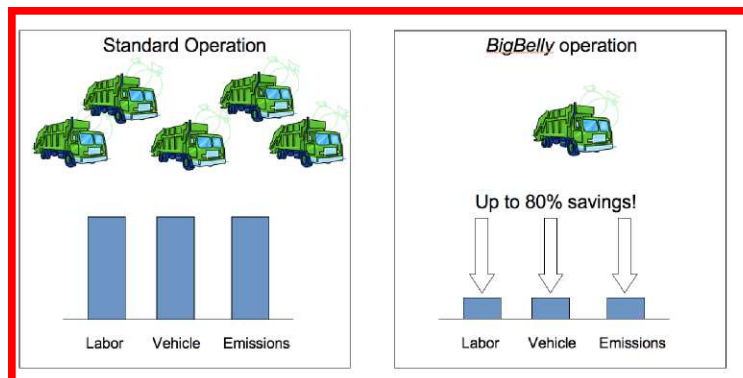
# Lifetime Savings



Delta Pyramax Engineering Ltd  
佳澤工程有限公司

## BigBelly® Offers Dramatically Lower Lifetime Operational Costs

Depending on collection frequency, your standard ornamental bin is costing you between \$7,300 and \$30,000 over it's lifetime! BigBelly lifetime operational costs are significantly lower, between \$6,000 and \$12,000. BigBelly uses solar power to compact trash at the point of disposal, increasing capacity by five times and reducing operational costs by up to 80%. In addition to lower costs associated with trucks, fuel and labor, BigBelly reduces green house gas and other harmful emissions.



**Save as much as 62% with BigBelly!**



Technology  
Pioneer 2007

BIGBELLY® SOLAR—PROUD RECIPIENT OF TOP AWARDS



Springwise Top 10  
Eco & Sustainability  
Business Ideas in 2007



Delta Pyramax Engineering Ltd.

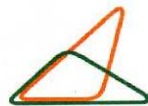
WebSite: [www.deltapyramax.com](http://www.deltapyramax.com)  
E mail : [joyceli@deltapyramax.com.hk](mailto:joyceli@deltapyramax.com.hk)

Tel: (852) 2511 2118  
Fax: (852) 2507 5078

## Notes and Assumptions

|                   |         |   |
|-------------------|---------|---|
| Avg pickup        | \$2     | per bin pick-up cost in major city contract with private haulers; actual range costs range \$1.5 to \$4 |
| Compact ratio     | 4       | varies on waste type; BigBelly compaction can be as high as 8:1   |
| Bin price         | \$750   | assumes a mid-range ornamental bin; bin priced can range from \$500-\$1,500                             |
| Standard Bin life | 4 years | bin life can range from 2-6 years   |
| BB life           | 8 years | rugged, low maintenance, corrosion resistant construction   |
| BB price          | \$3,750 | assumes mid-range volume pricing (additional volume discounts available)                                |
| BB maintenance    | 20%     | over life of product  |
| Other savings     |         | additional savings and improvements   |

| Frequency | Standard | BigBelly | Savings      |
|-----------|----------|----------|--------------|
| 1         | \$7,340  | \$5,960  | \$1,380 19%  |
| 2         | \$13,180 | \$7,420  | \$5,760 44%  |
| 3         | \$19,020 | \$8,880  | \$10,140 53% |
| 4         | \$24,860 | \$10,340 | \$14,520 58% |
| 5         | \$30,700 | \$11,800 | \$18,900 62% |



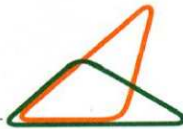
**Delta Pyramax Engineering Ltd**  
佳澤工程有限公司

## Ad Panels



## Color





Delta Pyramax Engineering Ltd  
佳澤工程有限公司



## Recycling Units

### A complete system for managing solid waste and recyclables

The BigBelly® solar compactor with integrated recycling units is the world's only system that provides on-site compaction of solid waste and separation of recyclable materials. The combination of recycling units with BigBelly provides significant economic, environmental and educational benefits.



BigBelly with Bottle/Can & Paper Recycling Units— Made in USA— Patents Pending CE & RoHS Compliant

### Features & Benefits

- ▶ **Economic benefit**  
*Potential to generate revenue stream*
- ▶ **Environmental benefit**  
*Fewer materials going to landfill and less use of natural resources*
- ▶ **Educational benefit**  
*Generate community awareness and involvement and demonstrate environmental leadership*
- ▶ **Integrated design & shared materials**  
*Seamlessly combines with BigBelly*
- ▶ **Paper, bottle/can & single stream recycling units**  
*Enables multiple configurations to separate recyclable streams*
- ▶ **Specific paper/bottle openings & graphics**  
*Encourages recycling of proper material*
- ▶ **Enclosed design**  
*Water resistant and discourages pilfering*
- ▶ **50 gallon leakproof bin**  
*Contains liquid and requires no bag*



Technology  
Pioneer 2007

BIGBELLY® SOLAR—PROUD RECIPIENT OF TOP AWARDS



Springwise Top 10  
Eco & Sustainability  
Business Ideas in 2007



Delta Pyramax Engineering Ltd.

WebSite: [www.deltapyramax.com](http://www.deltapyramax.com)  
E mail : [joyceli@deltapyramax.com.hk](mailto:joyceli@deltapyramax.com.hk)

Tel: (852) 2511 2118  
Fax: (852) 2507 5078



## BigBelly Recycling Unit Options



BigBelly with Bottle/Can & Paper Recycling Units



BigBelly with Bottle/Can Recycling Unit



BigBelly with Single Stream Recycling Unit



BigBelly with Paper Recycling Unit

## Product Specifications

|                   | BigBelly with 1 Recycling Unit   | BigBelly with 2 Recycling Units                                    |
|-------------------|--|--|
| Dimensions        | 50.1" W x 25.9" D x 50.4" H<br>(127.3 cm W x 65.8 cm D x 128 cm H)   | 73.7" W x 25.9" D x 50.4" H<br>(187.2 cm W x 65.8 cm D x 128 cm H) |
| Bin               | 50 gallon polyethylene<br>19" x 19" x 34"  | 50 gallon polyethylene<br>19" x 19" x 34"                          |
| Weight            | 470 lbs.   | 620 lbs.   |
| Insertion Opening | Bottle/Can opening: 5" diameter<br>Paper opening: 1.75" x 12"<br>Single stream: Bottle/Can opening 5" diameter<br>Paper opening: 1.75" x 10" | Bottle/Can opening: 5" diameter<br>Paper opening: 1.75" x 12"      |

## Environmental Footprint

At BigBelly Solar, in addition to making products that are good for the environment, the standards we meet, materials we choose and the way we build our products is also good for the environment.

### Side panels and Hopper Cover

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

### Packaging

We use recycled cardboard and wooden pallets that can be recycled.

### Powder Coat Painting

An environmentally friendly way to paint, it is nontoxic, has no fumes and virtually no VOC (volatile organic compounds).

### RoHS Compliant

(Restriction of Hazardous Substances Directive)

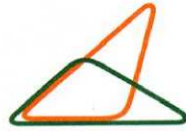
BigBelly Solar products meet this tough European standard. There is no lead used in our circuit boards and no chromium is used in the plating of our steel.

### Lead Acid Battery

Our battery is recyclable.

### Leak Proof Bins

Customer can choose to eliminate bags entirely.



Delta Pyramax Engineering Ltd  
佳澤工程有限公司



## Customization

**BigBelly® is a powerful promotional tool**

An innovative and highly visible application of renewable energy, BigBelly® attracts attention wherever it is deployed. Customize your BigBelly®, mirror your branding system and get your message across with custom colors, decals, silk screens, ad panels and wraps. Perfect for your business, school, city or town.

### Ad Panels



- Graphic dimensions are 18" x 30"
- Snap fit sides and corners for easy change of graphics
- Powder coated aluminum with clear polycarbonate face for durability & weather resistance
- Consult price list for pricing

### Color



- Custom colors are available as painted or colored plastic
- Color is applied to ABS side panels, hopper cover and door handle
- Consult price list for minimum quantities and pricing
- Call for information regarding required lead time



Technology  
Pioneer 2007

BIGBELLY® SOLAR—PROUD RECIPIENT OF TOP AWARDS



Springwise Top 10  
Eco & Sustainability  
Business Ideas in 2007



**Delta Pyramax Engineering Ltd.**

**WebSite: [www.deltapyramax.com](http://www.deltapyramax.com)**

**E mail : [joyceli@deltapyramax.com.hk](mailto:joyceli@deltapyramax.com.hk)**

**Tel: (852) 2511 2118**

**Fax: (852) 2507 5078**

## Silk Screen



- Provide artwork for your logo or seal
- Custom silk screening is applied in the factory
- Durable and weather resistant treatment
- Set up charge is \$300 and silk screening ranges from \$130 to \$30 based on volume and complexity

## Decal



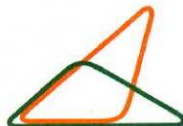
- Provide your artwork for a custom decal
- 18" x 22" front decal or 18" x 30" side decal, contains vinyl coating for durability and weather resistance
- Decal can be applied in the factory or in the field
- Consult price list for quantities and pricing

## Wrap

- BigBelly® can be wrapped just like a bus or automobile
- BigBelly Solar will connect the customer with a wrap company
- Wrap company will develop graphics with customer



- Local installer applies wrap onsite or in the factory
- Estimated pricing for wrapping all 4 sides is \$240 for the graphics plus \$250 for installation with discounts for multiple machines. Note: one-time design charge may apply.



Delta Pyramax Engineering Ltd  
佳澤工程有限公司



## Ad Panel

### Get your message seen on BigBelly®

BigBelly® ad panels are a highly visible way to reach your target audience. Stop people in their tracks, outdoors where they work, live and play. Highlight your commitment to the environment, showcase your communities green goals, anti-litter campaign or promote your product, with unusual placement in busy areas such as pedestrian and vehicular locations and in remote outdoor and park settings. Advertising on BigBelly® sets you apart from the competition.

### Features & Benefits

- ▶ Placement on BigBelly® in outdoor locations  
*Reach your target in a concentrated and unexpected way*
- ▶ Graphic dimensions are 30" length and 18" width  
*Efficient size for visible graphics and messaging*
- ▶ Snap fit sides and corners  
*Easy to use and change out graphics*
- ▶ Powder coated aluminum w/clear polycarbonate face  
*Durable and weather resistant*

### Customers include

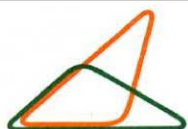
- ▶ US Forest Service
- ▶ City of Phoenix
- ▶ City of San Antonio
- ▶ City of Chicago



"BigBelly® has operated perfectly and the ad panels are a great opportunity for the university to advertise."

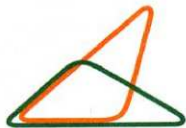
—Ted Woods,  
Refuse Coordinator,  
Arizona State University

MADE IN USA—PATENTS PENDING  
CE AND RoHS COMPLIANT



Delta Pyramax Engineering Ltd  
佳澤工程有限公司

WebSite: [www.deltapyramax.com](http://www.deltapyramax.com)  
E mail : [joyceli@deltapyramax.com.hk](mailto:joyceli@deltapyramax.com.hk)  
Tel: (852) 2511 2118  
Fax: (852) 2507 5078



Delta Pyramax Engineering Ltd  
佳澤工程有限公司



## Animal Latch

### Make your BigBelly® Bear & Raccoon Resistant



BigBelly® animal latch is the recommended accessory to help prevent bears and raccoons from getting into the trash. Easy for people to use, it is beyond the capability of bears, raccoons and other animals. The result is safety and protection for both humans and wildlife. BigBelly® animal latch is well suited for use in parks, campgrounds, trail heads, ski areas, rest areas and other remote locations.

### Features & Benefits

- ▶ **Spring loaded, locking mechanism**  
*Easy for humans to use, beyond the capabilities of animals*
- ▶ **ADA Compliant**  
*Meets requirement for height, reach and pounds of operating force*
- ▶ **Stainless steel construction**  
*Extremely durable and corrosion resistant*
- ▶ **Sleek and rounded design**  
*Complements aesthetics of BigBelly®*

### Customers include

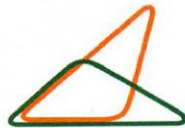
- ▶ US Forest Service
- ▶ Massachusetts State Parks
- ▶ Michigan State Parks
- ▶ Northern Virginia Regional Park Authority
- ▶ Snowmass Village, CO

*Factory Installed Option*



Developed in cooperation with US Forest Service, BigBelly® animal latch is in use in N.H.'s White Mtn Nat'l Forest and Bighorn National Forest in Wyoming.

MADE IN USA—PATENTS PENDING  
CE AND RoHS COMPLIANT



Delta Pyramax Engineering Ltd  
佳澤工程有限公司



## AC Adaptor

### Use BigBelly® Indoors & Outdoors

#### Features & Benefits

- ▶ **Plugs into a standard 120 Volt outlet**  
*Provides added versatility for indoor use*
- ▶ **Easily disconnects from the machine**  
*Simple to change between indoor & outdoor use*
- ▶ **Consumes only 0.5A and output is 12V DC**  
*Safe and energy efficient*

The AC adaptor is the recommended option for using BigBelly® indoors. Safe and easy to use, it plugs into the back of the machine and uses a standard 120 Volt outlet.

*Factory Installed Option*



Hybrid power enables BigBelly to run on AC indoors and solar outdoors.



MADE IN USA—PATENTS PENDING  
CE AND RoHS COMPLIANT



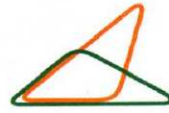
E mail: [joyceli@deltapyramax.com.hk](mailto:joyceli@deltapyramax.com.hk)  
[tongchan@deltapyramax.com.hk](mailto:tongchan@deltapyramax.com.hk)

Web Site [www.deltapyramax.com](http://www.deltapyramax.com)

Tel (852) 2511 5118

Fax (852) 2507 5078

Delta Pyramax Engineering Ltd  
佳澤工程有限公司



**Delta Pyramax Engineering Ltd**  
佳澤工程有限公司

WebSite: [www.deltapyramax.com](http://www.deltapyramax.com)

E mail : [joyceli@deltapyramax.com.hk](mailto:joyceli@deltapyramax.com.hk)

**Tel: (852) 2511 2118**

**Fax: (852) 2507 5078**

## FAQ



### How energy efficient is the BigBelly?

BigBelly gets 100% of its energy from the sun. It uses less than 5 watts an hour per day. Driving a garbage truck for one mile is the equivalent energy of running a BigBelly for 8 years!

### Why is the BigBelly solar powered?

Solar power enables BigBelly to be placed virtually anywhere outdoors and is a clean renewable energy source that is good for the environment.

### What are the benefits of BigBelly?

Onsite compaction reduces trash pickups, saving time, money and fuel and reducing greenhouse gas and other air pollutants.

### Where are BigBellies currently being used?

BigBellies are deployed across the US and in ten countries around the world in cities and towns, parks and beaches, universities, zoo's and amusement parks.

### Is advertising available on the BigBelly?

Yes. Advertising panels on the sides of the machine are an available option.

### Does BigBelly have a public relations benefit?

Yes! BigBelly is a practical and visible demonstration of green technology that gets the attention of the press and public. See press section of website for examples of the kind of coverage and attention that BigBelly receives.

### How reliable is the BigBelly?

A New York Case study found 99.8% up time in a heavy-use and demanding environment.

### Does BigBelly require direct sunlight and will it work if it is not a sunny day?

BigBelly does not require direct sunlight. As long as BigBelly's solar panel can "see" the sky he can operate.

### What kind of maintenance does BigBelly require?

BigBelly is a very low maintenance system. Keep the unit clean and replace the battery every 3 to 5 years.

### How do you clean a BigBelly?

Power wash the unit inside and out (not including the top electronics compartment) as needed. Recommended cleaning agents are listed in the manual.

### Is the BigBelly animal resistant?

Yes. BigBelly's enclosed design keeps raccoons, squirrels, birds and other animals out of the trash. A bear resistant latch is an available option (and is also handicap accessible).

### What are the safety features of the BigBelly?

The trash collection hopper prevents hands from reaching into the compaction area. The unit is locked and will not operate when the front or top doors are open. The machine runs on a safe low voltage system.

### How reliable is the BigBelly?

A New York Case study found 99.8% up time in a heavy-use and demanding environment.

### Does BigBelly require direct sunlight and will it work if it is not a sunny day?

BigBelly does not require direct sunlight. As long as BigBelly's solar panel can "see" the sky he can operate.

### How does BigBelly know when to compact the garbage?

BigBelly compacts automatically when his electronic eye tells him the trash has reached a target level.

### Do I have to empty the BigBelly?

Yes. The BigBelly holds five times the volume of a traditional trash can and will need to be emptied when the yellow indicator light is flashing.

### Does the trash come out as dense as a brick?

No. Although BigBelly will compact trash to 20% of its normal size, the trash is not compacted into a brick and will not in any way inhibit sorting or recycling.

### Is BigBelly expensive?

BigBelly is part of a trash collection system that saves, time, money and fuel. It delivers an impressive ROI with a payback of less than 1.5 years in busy locations and significant ongoing savings.



**Delta Pyramax Engineering Ltd.**



**MEET THE DELTA PYRAMAX ENGINEERING LTD.**

**FEED THE BIG BELLY**



WebSite: [www.solarbin.com.hk](http://www.solarbin.com.hk)  
: [www.skys.com.hk](http://www.skys.com.hk)  
: [www.aladim.com.hk](http://www.aladim.com.hk)  
: [www.daylight.com.hk](http://www.daylight.com.hk)

E mail: [joyceli@deltapyramax.com.hk](mailto:joyceli@deltapyramax.com.hk)  
Tel: (852) 2511 2118 Fax: (852) 2507 5078



**Delta Pyramax Engineering Ltd**  
佳 澤 工 程 有 限 公 司

**Head Office: [www.deltapyramax.com](http://www.deltapyramax.com)**