



SHAPING IDEAS INTO PLASTIC

## **Company Profile**

# **INCA<sup>®</sup> PHILIPPINES, INC.**

**INCA<sup>®</sup>** is one of the oldest and most experienced roto-molding companies in the world. The U.S. Company pioneered and developed the process of rotational molding from dry resins in California in 1959. By 1970 INCA U.S. had expanded to 7 plants throughout the United States manufacturing thousands of plastic tanks, containers etc. per week. A separate company, INCA Plastics Philippines, Inc. was established in 1988 and was the pioneer in the roto-molding industry in the country. It houses a giant 14 feet oven, one of the largest rotomolding ovens. This enables the Philippine plant to manufacture an almost unlimited range of large durable products making it one of the biggest in addition to being one of the most modern roto molding machines globally. Currently, there are four (4) INCA manufacturing facilities in the Philippines. Other INCA factories in Asia include one plant in Port Klang Malaysia and another factory in Thailand.

INCA Philippines, a 100% Filipino owned company, also has a modern research and development facility and its own mold making shop. INCA is also a licensed General Engineering Contractor accredited by the Philippine Contractors Accreditation Board (PCAB). This makes the company a perfect fusion of U.S. technology, Filipino innovation and ingenuity that is geared towards shaping new ideas into plastics for Philippines as well as ASEAN companies.

## **The Process**

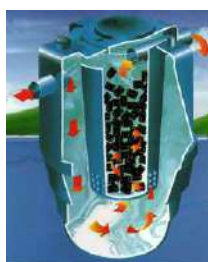
INCA manufactures its products by using a plastic molding process known as **Rotational Molding**. To further elaborate, it is simply the process of heating & fusing powdered plastic resins inside a closed mold which is rotated to distribute the resin evenly throughout. This is done inside a huge oven where the resin is brought to a point at which it adheres to the mold and fuses completely which results in virtually indestructible, single piece, large seamless products with almost unlimited design and shape possibilities. This process is literally revolutionary because it offers industries all over the world an incredibly inexpensive alternative to metal or fiberglass. And for large size products, it's taking over where traditional processes such as injection and blow molding leave off.

Visit the INCA website at <http://www.inca.com.ph>

## Environmental Products



Given the INCA technical capabilities, there is an almost unlimited range of products that can be produced or customized. For instance for solid waste management systems, Inca is a pioneer in waste segregation bins at source for household use and for industrial applications. Inca also produces custom waste collection bins for compactor trucks now available in the market. Inca waste segregation bins are all compliant with Republic Act 9003 or the "Ecological Solid Waste Management Act of 2000."



Other environmentally related products of INCA include the INCA Anaerobic Septic Tank System or a mini sewage treatment plant (STP). Developed and introduced since 1994, the INCA septic tank has been tested and its performance validated by various Government Agencies and multinational companies in Malaysia, Thailand and Philippines. The INCA septic tank is compliant with Republic Act 9275 or the "Clean Water Act". INCA also owns various Intellectual Property

Rights in the form of Trademarks and industrial design Patents in the Philippines specifically for waste management products and systems, Agricultural and Mariculture plastic products.

## Advantages of INCA roto molded products:

- ▶ One piece seamless molding and Virtually indestructible
- ▶ Resistant to corrosion or acid attack
- ▶ Lightweight
- ▶ Requires no welding
- ▶ Almost unlimited custom designs, shapes and colors
- ▶ Designed to withstand extreme weather or tropical conditions
- ▶ Economical to produce and maintain



## Agriculture and Fisheries



To further expand the market for Inca plastic products, INCA developed various plastic products that directly benefit farmers & fisherfolks in the Agriculture & Fisheries sectors. Direct consultations with the Philippine Rice Research Institute (Philrice) resulted in the development and production of the rice drum seeder and harvester. Both devices improve rice productivity as well as the



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reduction of planting & harvesting costs. Together with the Bureau of Fisheries and Aquatic resources, Inca has introduced many plastic products that help in the total finfish production for the mariculture industry as well as in aquaculture. Plastic products such as the marine plastic cages, plastic stanchions, flotation modules, pearl cages, plastic payaws have now become common products that help in the production, post harvest activities and quality control of our fishery products both for local and export consumption. As of now Inca continues to develop new products and



methods to help generate livelihood for fisherfolks. The Low Volume High Density (LVHD) plastic Fish cage is a recent example of an innovative plastic product that can grow-out 1,000 grouper fingerlings in one cropping cycle. This opens an opportunity for the ordinary fisherfolk to gain livelihood activities as well as providing for subsistence

fishing for family. Being a licensed General Engineering Contractor, Inca engages in the design, manufacture and assembly of wharfs & docks for various industries such as mining and recreational boating industries. It also designs & builds for various condominium projects customized designs of Plastic Garbage chutes for indoor and outdoor applications.



## Chemical and Industrial Products

Inca also designs and manufacture plastic products and containers for industrial applications. Chemical drums and containers to include Intermediate Bulk Containers (IBC) are a few of the popular products of Inca. The ability of INCA to design new plastic products for industrial applications is endless, given the engineering parameters required to best suit the desired packaging solution.



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## Recreation and Aqua sports



Among the common applications of rotomolded products are flotation devices and aqua sports for fun & recreation. Inca also designs and produce various products such as kayaks, boats, pontoons for wharfs, among others.

The Inca flat bottom boat is a multipurpose product that can be used for fishing, patrolling and even flood rescue applications. The Inca sit-on-top kayaks were designed specifically for Philippine water-way conditions.



## Company location & customer profile

The head office and main rotomolding facility is housed in a building located at Cupang Muntinlupa City Metro Manila. The factory and design laboratory has a total covered area of 2,400 square meters. The rotomolding machine is a three-arm carousel turret type with a spindle diameter of 14 feet. INCA has also two (2) rock & roll machines for small plastic products. Aluminum tooling or molds are all designed and fabricated at the Metro Manila plant. INCA also designs & builds its own machinery to manufacture plastic products. To date, INCA has accumulated more than 370 molds to support its wide range of plastic products manufactured locally and distributed all over the Philippines and some exported to various countries around the world such as Papua New Guinea, Ecuador, South Africa among others.

Current multinational customers include Coca Cola Bottlers Philippines, Philip Morris, Caltex, Pilipinas Shell, Petron Corp., Seoil, Total Petroleum, Asia Pacific Breweries, Nalco Chemical Corp., Nestle Philippines, McDonalds, Jollibee, San Miguel Corporation, Leighton Contractors, Iglesia Ni Cristo, American Filters, NCH Philippines, Sumitomo-Mitsui Construction Corp., Wacker Neuson among others.

Local Government Units (LGU) Include the Cities of Makati, Pasig, Caloocan, Quezon, Cebu, Butuan, Iligan, Lapulapu and various Municipalities in the Philippines. Inca also participates in joint research & development activities with various Government Agencies and private companies to develop new products and methods to improve the quality of life.

Inca Philippines, Inc. is registered under the Government Electronic Procurement System (GEPS) and an accredited supplier and contractor in almost all Local Government Units.

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# INCA PHILIPPINES, INC.

Bldg. no. 4 Philcrest Compound Km. 23 West Service Rd.,  
 Cupang, Muntinlupa City, Metro Manila, Philippines  
 Tel. +63 2 850 0482; 809 2730; Fax. +63 2 809 1108  
 TOLL FREE 1-800-1888-4622; <http://www.inca.com.ph>

## INCA® SOLID WASTE SEGREGATION, COLLECTION & COMPOST BINS

### SOLID WASTE SEGREGATION AND COLLECTION BINS

All INCA plastic products are made from Medium Density Polyethylene (MDPE) resin compounded with U.V. Stabilizers for maximum protection in tropical weather and outdoor use.



**TC 120L NDS X2 WS**

36"L x 17.75"W x 44"H  
 Capacity 120 liters x 2 units w/steel frame



**TC 120L NDS X 3 WS**

54"L x 17.75"W x 44"H  
 Capacity 120 liters x 3 units w/steel frame



**TC60NDS X2 Waste Segregation**

31"L x 15"W x 40"H  
 Capacity 60 liters x2 units w/steel frame



**TC60NDSX3**

47"L x 15"W x 40"H  
 Capacity: 60 liters x 3 units w/ steel frame



**TC45HR X2**

21" dia. X 40"H  
 Capacity: 45 liters x 2 units w/ steel frame



**RT120L**

21"L x 18.25"W x 36.5H"  
 Capacity: 120 liters x 2 units



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<p><b>SOLID WASTE COLLECTION BINS FOR BARANGAY CENTERS</b></p>	 <p><b>TC 300N</b> 40.75"L x 27.5"W x 43.25"H Capacity: 300 liters</p>	 <p><b>RT 1100L</b> 50"L x 45"W x 62"H Capacity: 1100 liters</p>	
	 <p><b>HANDY TOTE 300L W/WHEELS</b> 40.75"L x 27.5"W x 30"H Capacity: 300 liters</p>	 <p><b>ROLLING TRASH PAN LP 120L</b> 26"L x 22"W x 33"H Capacity: 120 liters</p>	
	<p><b>COMPOST BINS</b></p>	 <p>21.75" dia. X 27.5"H Capacity: 110 liters stationary compost bin</p>	 <p>110 liters stationary compost bin with air vent holes and cut-out bottom part</p>
		 <p><b>D1 10L RCB Compost bin</b> 110 liters rotary compost bin w/ steel frame 18.25" Dia. X 29.25"L x 40 height</p>	 <p><b>ROTATIONAL COMPOST BIN 40 L</b> 40 liters rotary compost bin w/ steel frame 14" dia. X 17.25" L</p>

Prices are bare, ex-plant, ex-VAT and are subject to change without prior notice



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CATEGORY	PRODUCT	PRODUCT	PRODUCT
<p><b>BINS FOR OUTDOOR APPLICATIONS</b></p>	 <p><b>RT 360L</b>            31"L x 27.5"W x 45"H            360 Liters</p>	 <p><b>RT 200L</b>            25" dia. x 39" H            200 Liters</p>	 <p><b>LP 200L</b>            29"L x 24.5"W x 37"H            200 Liters</p>
<p><b>BINS FOR OUTDOOR OR INDOOR APPLICATIONS</b></p>	 <p><b>RT 120L</b>            22"L x 18"W x 36"H            120 Liters rolling bin</p>	 <p><b>TC160 ROA</b>            22.5"dia. x 44"H            160 Liters</p>	 <p><b>TC 150L</b>            20.5"dia. x 41"H            150 Liters</p>
	 <p><b>TC160 SDS</b>            22.5"dia. x 44.5"H            160 Liters</p>	 <p><b>TC 110L</b>            21.75"dia. X 27.5"H            110 Liters</p>	 <p><b>TC 144L</b>            25"dia. x 30"H            144 Liters</p>
<p><b>BINS FOR INDOOR APPLICATIONS</b></p>	 <p><b>TC60 ROA</b>            16"dia. x 33.5" H            60 Liters</p>	 <p><b>Umbrella rack</b>            14"L x 14"W x 21.5"H            16 holes</p>	 <p><b>TC 16CL w/ashtray</b>            10"dia. x 24.5"H            16 Liters w/ ash tray</p>

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CATEGORY	PRODUCT	PRODUCT	PRODUCT
NO CONTACT BINS (FOOT ACTUATED) W/ REMOVABLE PLASTIC LINERS	 <b>TC 75L FP</b> 16.5" dia. x 31"H 75 Liters	 <b>TC 20L FPL</b> 16.5"L x 9.50"W x 15"H 20 Liters FPL w/ liner	 <b>TC20 FP (hands free lid)</b> 11.75"L x 7.5"W x 19.5"H T 20 Liters
	 <b>TC 10L FP</b> 10.25" dia."L x 13.5"H 10 Liters FP w/ liner	 <b>TC 60L N2H</b> 20.5"L. x 11.5"W x 27" H 60 Liters	 <b>TC 50NDS</b> 13"L x 14"W x 33.5"H 50 Liters
	BINS FOR OUTDOOR OR INDOOR APPLICATIONS	 <b>TC 13 NDS</b> 11.75"L x 7.5"W x 14"H 13 Liters	 <b>TC 13NDS</b> 11.75"Lx7.5"Wx17"H 13 Liters
 <b>TC 10 OV</b> 11"L x 8.5"W x 13.5"H 10 Liters		 <b>TC 15 NDS</b> 10"L x 10"W x 22"H 15 Liters	 <b>TC40L SDSX2 WS</b> 28"L x 14"W x 29"H 40 Liters x 2 units

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# GARBAGE PEDICAB

Republic Act 9003 or more popularly known as the Solid Waste Management Act of 2003 mandates the segregation of solid wastes. Despite rules and regulations, methods & various programs of proper disposal of solid wastes, many still find it difficult to conform with the Law. Communities whose residents that are located particularly those in congested areas where streets or passageways are too narrow for regular Garbage trucks to service, find difficulty to dispose of their daily garbage. Many submit to the practice of just dumping garbage to a common site along the nearest isolated roads or vacant areas.



INCA has developed an alternative method to access congested communities with the introduction of the compact but effective INCA GARBAGE PEDICAB. This Pedicab is equipped with 2 x 120-liter polyethylene (P.E.) plastic collection bins, a broomstick, a P.E. 14-liter rolling dust pan and an all steel spade shovel to collect, segregate, remove and transport solid wastes from the innermost areas of the community.



The INCA Garbage Pedicab is a practical, 1-man operator, easy to use and cost effective device to further improve the proper handling of Garbage. Designed, engineered and locally manufactured by INCA this mobile device is fully adaptable to service the needs of about 50 households per cycle of garbage collection.



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# INCA<sup>®</sup> DISPOSABLE TRASH BIN

There is a strong need to immediately mobilize and make available waste segregation trash receptacles particularly in outdoor events such as public fiestas, concerts, private parties, religious gatherings, and political campaigns. Much of the clean up after the event is an urgent undertaking. Buying reusable plastic receptacles are expensive and time consuming to cleanup due to the handling, unloading and cleaning of reusable bins. To make the collection and disposal of garbage quickly, INCA has developed a disposable Trash Bin. Made of biodegradable corrugated recycled paper, the disposable trash bin has a water resistant bottom section and can carry a load of 10 kg of trash even when wet. Each Bin is delivered folded and to be assembled at site. The Bin has a front and back flap opening for receiving litter or trash. Ads or logos can be printed at the sides for advertising mileage or slogans. When filled up with trash, the bin is also disposed as part of the garbage collection. This way, there is no need to maintain or clean the bin.



### Specifications:

Material:	Corrugated recycled paper
Dimensions of bin:	349 mmL x 349mmW x 780mmH
Gross volume of bin:	60 liters
Load Capacity:	10 kgs of waste (max)
Printing:	Silkscreen printing only
Stickers:	Yes but optional
Suggested usage:	Disposable Single use



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## ***INCA<sup>®</sup> 4-wheel RT 1100L***

The INCA 1100 liters capacity 4-wheel rolling trash bins are manufactured using the latest production and fabrication techniques. High quality virgin, food grade polyethylene resin, processed by rotational molding guarantees long life expectancy, resistance against chemical, frost, heat and UV radiation. Absolutely rust free, it does not crack, chip or fade due to the addition of compounded Ultraviolet Stabilizers. It is safe, extremely mobile and easy to handle, weighing only 58 kg the maximum load capacity is 510 kg. The RT 1100L bin is equipped with 2 x 200 mm steel/ rubber standard swivel wheels and 2 x 200 mm swivel wheels with foot actuated brakes. All wheels can swing 360 deg. The lid lifts around a primary turning point. All metal parts like bearings, swivel plates are manufactured from high quality galvanized steel. Available in standard **GREEN**, **BLACK** and **BLUE** colors. Dimensions: 1275mm L x 1160mm W x 1572 mm H



Other Inca RT Bin models:



All made from durable, tough, virgin, food grade, U.V .stabilized Polyethylene material





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## **INCA<sup>®</sup> RT 120L & RT 240L BINS**

### **POLYMER COMPONENTS:**

- Rotationally molded
- Manufactured in one seamless piece
- Virgin HDPE material
- Resistant to decay, heat & chemicals
- U.V. Stabilized for tropical weather
- Galvanized steel axle
- Quiet running solid rubber tires
- All parts are recyclable

### **ADVANTAGES:**

- Manufactured in Manila or Cebu
- Full customer service support
- Compliant to EN 840 dimensions
- Stackable, Standing
- Can be repaired by hot-air welding
- Safe and easy handling
- Adaptable to truck bin lifters
- Silkscreen printing upon request
- Spare parts readily available

### **COLORS:**

**Green**, Black, Grey, **Orange**, **Blue**  
Other colors available upon request



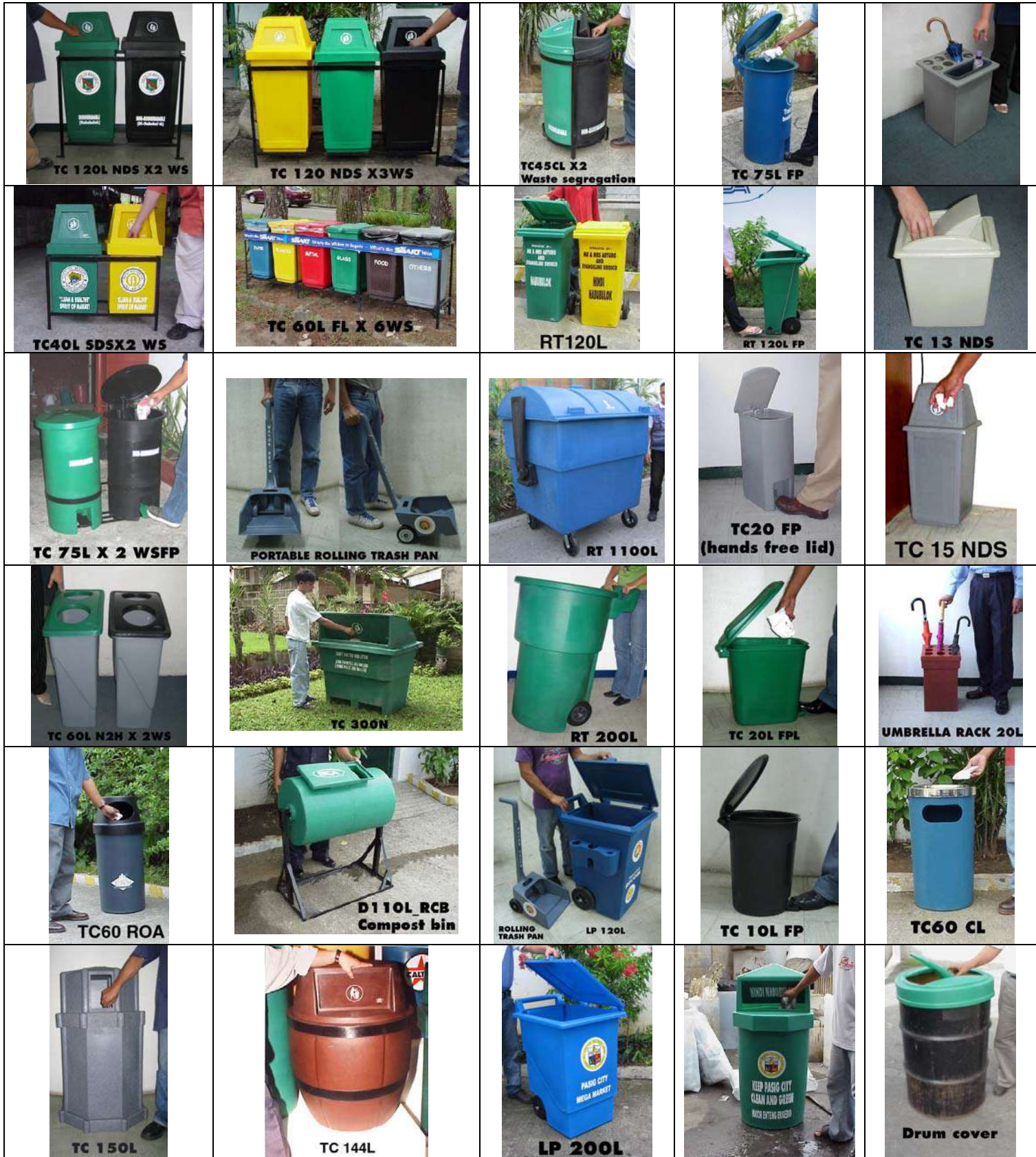
**RT 120L**



**RT 240L**

### **SPECIFICATIONS:**

	<u><b>RT 120L</b></u>	<u><b>RT 240L</b></u>
OUTER DIMENSIONS, mm (LxWxH) :	533mm x 464mm x 927mm	740mm x 581mm x 1130mm
NOMINAL VOLUME, Liters:	120 liters	240 liters
NET WEIGHT, kg:	7.80 kg	11.40 kg
PERMITTED TOTAL WEIGHT, kg:	60 kg	120 kg
TWO (2) RUBBER WHEELS	200 mm diameter	200 mm diameter



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**BUY PINOY  
 BUILD PINOY**



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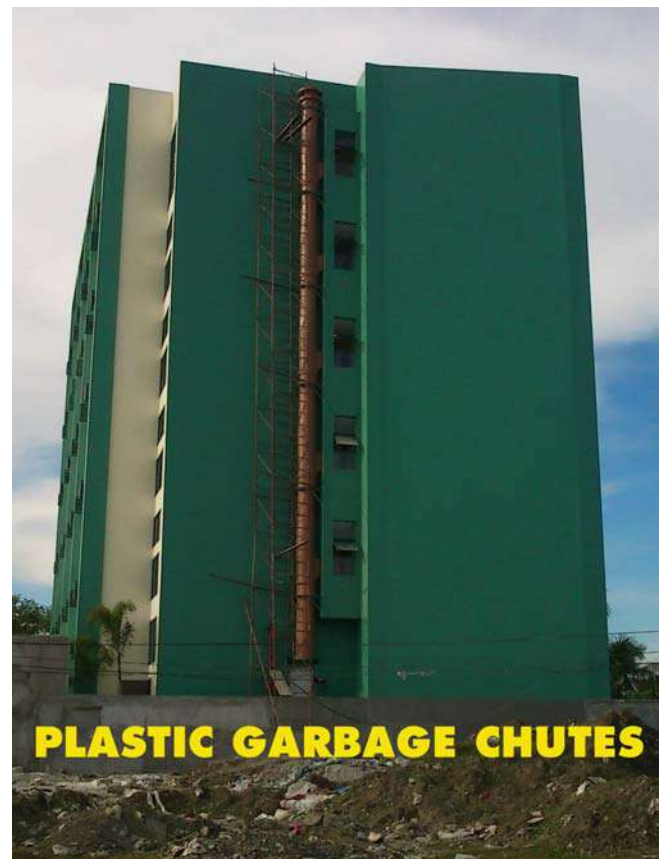
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## ***PLASTIC GARBAGE CHUTES SYSTEM FOR HIGH RISE BUILDINGS & CONDOS***

**INCA'S PLASTIC GARBAGE CHUTES** is a system of rotationally molded plastic tubes manufactured from virgin Linear Low Density Polyethylene (LLDPE) resin for maximum impact & structural strength. Polyethylene is non-combustible and resistant to humidity, acids, alkalis and does not rust. The system is designed in modular or sectional forms and installation can be customized. Unlike steel or fiberglass garbage chutes, polyethylene chutes combine strength, ease of installation due to its lightweight feature, plus flexibility in sectional maintenance, repair or replacement. The INCA PLASTIC GARBAGE CHUTE system consists of slightly tapered tubes with built-in intake chutes and polyethylene floor connectors without the need of complex fastening devices. An air vent on the top floor and a discharge throat tube at the basement floor is also included. A unique feature is the very smooth inner surface of the garbage chutes to ensure unrestricted flow of disposed garbage and reduced pest proliferation. Color is compounded in the plastic so there is no need for painting. Suitable for indoor and outdoor installations. Options include the integration of sprinkler systems for cleaning and fire protection.

### **SPECIFICATIONS:**

<b>Material:</b>	Virgin Polyethylene
<b>Tube diameter:</b>	610 to 675 mm x 4mm thick
<b>Height:</b>	1525 to 1565 mm
<b>Discharge chute:</b>	0.50 sqm surface area
<b>Tube color:</b>	Blue, Black, Green
<b>Options:</b>	sprinkler system, exhaust fan





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**INCA® DRUMS AND CONTAINERS**

<p><b>DRUM OPEN TOP</b>          Food grade Virgin polyethylene material. Naturally translucent with volume graduation. Ideal for liquid food products, chemicals, chlorinators etc. Options: 3/4" outlet fittings.</p>		<p><b>100 Liters</b>          18" dia. x 32.5" H x 1/8" Thick weighs 13 lbs.</p>
<p><b>DRUM CLOSE TOP</b>          Food grade Virgin polyethylene material. Comes with 2"x 3/4" polyethylene fittings with rubber (or EPDM) O-ring and security seal provision. Designed for reuse at least 10X.</p>		<p><b>60 LITERS DRUM</b>          14.25" dia. x 27"Hx1/8" thick weighs 6 lbs.</p> <p><b>110 LITERS DRUM</b>          18" dia. X 30"H x 1/8" thick weighs 10 lbs.</p> <p><b>210 LITERS DRUM</b>          22.5" dia. x 37.5"H x 1/8" thick weighs 16 lbs.</p>
<p><b>BULK CONTAINER w/ steel frame and steel Pallet</b>          Food grade virgin polyethylene material. Comes with 2" polyethylene fitting, 2" steel ball valve and security seal provision.</p>		<p><b>1000 liters BULK CONTAINER</b>          w/ steel frame and steel pallet          45" L x 38"W x 41"H x 3/16" thick</p>
<p><b>SMALL CONTAINER</b>          Food grade virgin polyethylene material. Ideal for food &amp; chemical products. Comes with 2" polyethylene fittings with rubber (or EPDM) O-ring and security seal provision</p>		<p><b>20 LITERS CONTAINER</b>          10.75"Lx10.5"Wx14.5H</p> <p><b>30 LITERS CONTAINER</b>          12.5" dia. x 18"H</p> <p><b>40 LITERS CONTAINER</b>          14" dia. x 17.25" H</p>

Specifications may be customized. Pricing are all FOB INCA Plant site Cupang Muntinlupa City Metro Manila Philippines. Appropriate Government taxes apply when required.



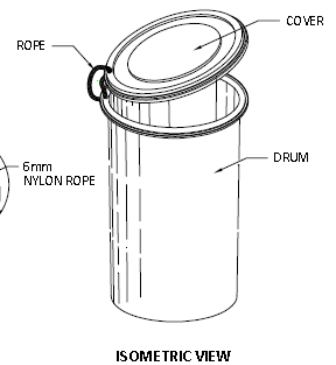
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### INCA<sup>®</sup> SILO DRUM CONTAINER

The INCA 200 liter Silo Drum Container is rotationally molded & made from virgin food grade polyethylene (P.E.) resin approved by the BFAD, and compounded with Ultraviolet stabilizers for maximum protection against tropical weathering when used outdoors. It does not rust, fade, crack and resistant to chemical attack or salty environment. Ideal for the storage of water in Agricultural communities, it is a nestable drum for easy transport & storage. The empty drum is lightweight but strong and can be transported manually even with severe handling. The cover is conveniently attached to the drum with a P.E. cord. Options include silkscreen printing or embossing of Logos for easy identification or minor changes in design for improved product features. Standard color is BLUE or YELLOW. The plastic drum comes with a 1-year warranty against any factory defect. Also available in other sizes 220, 110, 60, 50, 40, 30, 20 13 liter container sizes.



#### SILO DRUM SPECIFICATIONS:

Tank Material:	Food Grade Virgin Polyethylene, U.V. stabilized for outdoor or indoor use.
Top outer dia.:	666 mm (26.22")
Bottom outer dia.:	550 mm (21.65")
Height:	873 mm (34")
Tank volume:	200 liters (45.40 gallons)
Approximate weight:	4 kilos (9 lbs)
Comes with:	→ One (1) 2 mm dia. fastening rope One (1) P.E. Cover






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## **INCA HANDLING TRAYS & FOOD CONTAINERS**

 <p><b>Handling tray</b> HT12N 15.75"Lx10"Wx3"Hx1/8"T</p>	 <p><b>GOLF BALL TRAY</b> HT10N 15.75"Lx10"Wx2.25Hx1/8"T</p>	 <p><b>HT1N</b> 17.75"Lx12.25"Wx1.5"Hx1/8"T 2 liters capacity</p>
 <p><b>HT2N</b> 23"LX16.5"WX3"Hx1/8"T</p>	 <p><b>HT3N</b> 23"Lx16.25"Wx7.25"Hx1/8"T 30 Liters capacity</p>	 <p><b>HT5N</b> 28.25"Lx28.25"Wx5.5"Wx1/8"T 45 liters capacity</p>
 <p><b>HT6N</b> 39.25"Lx21"Wx1.5"Hx1/8"T</p>	 <p><b>HT7N</b> 28.5"Lx26"Wx2"Hx1/8"T</p>	 <p><b>HT9N</b> 37"Lx18"Wx2.5"H</p>
 <p><b>Banera</b> 23" dia.x10"Hx1/8"T 45 liters capacity</p>	 <p><b>SC50NRS</b> 25.5"Lx17"Wx11"H 50 liters capacity, nestable- stackable</p>	 <p><b>HT17N</b> 19.25" L x 14.50" W x 3.25" H</p>




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TOLL FREE 1-800-1888-4622; <http://www.inca.com.ph>

**INCA INSULATED CONTAINER PRODUCTS**

PRODUCT	PHOTO	SPECIFICATIONS
<p><b>3-CASER INSULATED COOLER BOX</b></p>		<p>60 liters internal capacity 25"L x 16"W x 17.5"H weighs 10 kg.</p>
<p><b>5-CASER INSULATED COOLER BOX</b></p>		<p>85 liters internal capacity 25.5"L x 19.5"W x 20"H weighs 10 kg.</p>
<p><b>670 LITER INSULATED CARGO CONTAINER</b></p>		<p>670 liters internal capacity 49.5"L x 38"W x 38.75"H weighs 62 kg. Steel reinforced and Forkliftable</p>
<p><b>170 LITER INSULATED CARGO CONTAINER</b></p>		<p>170 liters internal capacity 29.75"L x 24.25"W x 24.5"H weighs 20 kg.</p>
<p><b>1-GALLON INSULATED BARREL TYPE BEVERAGE KEG</b></p>		<p>1-gallon internal capacity 10.5" dia. X 17.5"H weighs 2.7 kg.</p>
<p><b>1-GALLON INSULATED BEVERAGE-IN-CAN</b></p>		<p>1-gallon internal capacity weighs 2.5 kg.</p>

All products made from Virgin Medium Density Polyethylene (MDPE), Food grade and UV stabilized for outdoor use.

# INCA WATER TANKS

## The better alternative to Stainless steel

- Absolutely rust-free
- No metal-like after taste or odor
- Virtually indestructible
- Food Grade Polyethylene with U.V. Stabilizers
- Ten-year Guarantee against factory defects
- Accepted in U.S. For over 40 years



### Vertical above ground Tanks

370 liters	30" dia. X 33.5" H
700 liters	37.5" dia. X 41" H
1000 liters	39.75" dia. X 54.25" H
1500 liters	39.75" dia. X 84" H
2000 liters	39.75" dia. X 102" H
4200 liters	65" dia. x 86"H
7000 liters	71.50" dia. x 120"H
10000 liters	90" dia. x 111" H

### Round bottom Tanks w/ metal stand

550 liters	32" dia. X 49.75" H
1050 liters	39.75" dia. X 61" H
<b><u>Flat Bottom Nestable tanks</u></b>	
460 liters	35.75" dia. X 39.5" H
925 liters	44.5" dia. X 47" H
780 liters	53" L x 53" W x 27" H

### Horizontal above ground Tanks

1000 liters	40" dia. X 55" L X 46" H
1500 liters	40" dia. X 77" L X 46" H
2000 liters	40" dia. X 99" L X 46" H
2500 liters	40" dia." X 121" L X 46" H

*\*\*Also suitable for cistern or septic tanks*

## INCA PHILIPPINES, INC.

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 Cebu City Regional office Tel. No. (032) 233 7917; (032) 233 5805; FAX (032) 233 4307



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TOLL FREE 1-800-1888-4622; <http://www.inca.com.ph>

# INCA<sup>®</sup> STFB 4200L FLAT BOTTOM STORAGE TANK

The INCA 4,200 liters storage tank is made from virgin food grade polyethylene resin approved by the U.S. F.D.A., and compounded with Ultraviolet stabilizers for maximum protection against tropical weathering when used outdoors. It does not rust, fade, crack and resistant to chemical attack or salty environment. Ideal for the storage of water and liquids requiring highest form of sanitation, the storage tank is fitted with 1" nylon compression fittings and 3/4" drain fitting. The empty tank is lightweight and can be transported manually. The manhole cover is conveniently located at the periphery of the tank for quick access in viewing the internal contents of the tank. The rib design around the tank assures structural integrity or strength of the plastic part even with prolonged static load. **Standard color is BLUE.** The plastic tank comes with 10-years warrantee against any factory defect. Also available in 7,000, 2000, 1500, 1000, 700, and 370 liters sizes.



### 4,200 liter TANK SPECIFICATIONS:

Tank Material:	Food Grade Virgin Polyethylene, UV stabilized for outdoor use.
Diameter:	1,700 mm (67")
Height:	2,362 mm (93")
Cover diameter:	460 mm (18")
Wall thickness:	6 mm (0.25")
Tank volume:	4,200 liters (1050 gallons)
Plastic tank weight:	100 kilos
Comes with:	
	→ Two (2) 1" nylon threaded fitting for inlet and outlet connections
	→ One (1) 3/4" nylon threaded drain



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## INCA® STFB 7000L FLAT BOTTOM STORAGE TANK

The INCA 7,000 liters storage tank is made from virgin food grade polyethylene resin approved by the U.S. F.D.A., and compounded with Ultraviolet stabilizers for maximum protection against tropical weathering when used outdoors. It does not rust, fade, crack and resistant to chemical attack or salty environment. Ideal for the storage of water and liquids requiring highest form of sanitation, the storage tank is fitted with 1" nylon compression fittings and 3/4" drain fitting. The empty tank is lightweight and can be transported manually. The manhole cover is conveniently located at the periphery of the tank for quick access in viewing the internal contents of the tank. The smooth design around the tank assures structural integrity or strength of the plastic part even with prolonged static load. Standard color is BLUE or YELLOW. The plastic tank comes with 10-years warrantee against any factory defect. Also available in 4200, 2000, 1500, 1000, 700, and 370 liters sizes.



### 7,000 liter TANK SPECIFICATIONS:

Tank Material:	Food Grade Virgin Polyethylene, U.V. stabilized for outdoor use.
Diameter:	1,815 mm (71.50")
Height:	3,025 mm (119")
Cover diameter:	460 mm (18")
Wall thickness:	8 mm (5/16")
Tank volume:	7,000 liters (1,850 gallons)
Approximate weight:	144 kilos (317 lbs)
Comes with:	→ Two (2) 1" nylon threaded fitting for inlet and outlet connections → One (1) 3/4" nylon threaded drain



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## **INCA® STFB 10000L** **FLAT BOTTOM STORAGE TANK**

The INCA 10,000 liters storage tank is made from virgin food grade polyethylene resin approved by the U.S. F.D.A., and compounded with Ultraviolet stabilizers for maximum protection against tropical weathering when used outdoors. It does not rust, fade, crack and resistant to chemical attack or salty environment. Ideal for the storage of water and liquids requiring highest form of sanitation, the storage tank is fitted with 2" nylon compression fittings and 1" drain fitting. The empty tank is lightweight and can be transported manually. The manhole cover is conveniently located at the periphery of the tank for quick access in viewing the internal contents of the tank. The smooth design around the tank assures structural integrity or strength of the plastic part even with prolonged static load. Standard color is BLUE or NATURAL WHITE. The plastic tank comes with 10-years warrantee against any factory defect. Also available in 7000, 6000, 4200, 4000, 2200, 2000, 1500, 1000, 700, and 370 liters sizes.



### **10,000 liter TANK SPECIFICATIONS:**

Tank Material:	Food Grade Virgin Polyethylene, U.V. stabilized for outdoor use.
Diameter (top):	2,276 mm (90")
Height:	2,823 mm (111")
Cover diameter:	460 mm (18")
Wall thickness:	10 mm (0.40")
Tank volume:	10,000 liters (2,500 gallons)
Approximate weight:	227 kilos (500 lbs)
Comes with:	→ Two (2) 2" nylon threaded fitting for inlet and outlet connections → One (1) 1" nylon threaded drain



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# INCA<sup>®</sup> STFB 15000L FLAT BOTTOM STORAGE TANK

The INCA 15,000 liters storage tank is made from virgin food grade polyethylene resin approved by the U.S. F.D.A., and compounded with Ultraviolet stabilizers for maximum protection against tropical weathering when used outdoors. It does not rust, fade, crack and resistant to chemical attack or salty environment. Ideal for the storage of water and liquids requiring highest form of sanitation, the storage tank is fitted with 2" nylon compression fittings and 2" drain fitting. The empty tank is lightweight and can be transported with the aid of 4-lifting lugs. The manhole cover is located at the periphery of the tank for quick access in viewing the internal contents of the tank. The smooth design around the tank assures structural integrity or strength of the plastic part even with prolonged static load. Standard color is BLUE or NATURAL WHITE. The plastic tank comes with 10-years warranty against any factory defect. Also available in 10000, 7000, 4200, 4000, 2200, 2000, 1500, 1000, 700, and 370 liters sizes.



### 15,000 liter TANK SPECIFICATIONS:

Tank Material:	Food Grade Virgin Polyethylene, U.V. stabilized for outdoor use.
Diameter (top):	2,285 mm (90")
Height:	3,815 mm (150")
Cover diameter:	400 mm (16")
Wall thickness:	12 mm (0.50")
Tank volume:	15,000 liters (3,963 gallons)
Approximate weight:	380 kilos (836 lbs)
Comes with:	→ Two (2) 2" nylon threaded fitting for inlet and outlet connections → One (1) 2" nylon threaded drain



# INCA<sup>®</sup> CISTERN TANKS

## ANOTHER SOLUTION TO R.A. 9275 (CLEAN WATER ACT)

The **INCA CISTERN TANK** is a one-piece rotationally molded plastic manufactured from food grade virgin Linear Low Density Polyethylene (LLDPE) resin. The design of the cistern tank provides maximum strength and ease of handling. Wall strength is further reinforced by a step-formed profile or a circular rib type formed profile.

The **INCA cistern tank** is designed to be completely buried in the ground. Based on actual performance, it assures sanitation and hygiene and is suited for households, offices, factories, schools or churches. It saves space and is easy to install. Use as a rain water collector to save on your water bills or as an intermediate water holding tank before a booster water pump system.

Choose from these cistern tank models. Inca offers free supervision during the initial installations.

### *HORIZONTAL CISTERN TANKS*



		<b>CTH 1000</b>	<b>CTH 1500</b>	<b>CTH 2000</b>	<b>CT 2500</b>
<b>DIMENSIONS (Millimeters)</b>	Length	1385	1930	2500	3040
	Width	1010	1010	1010	1010
	Height	1080	1080	1080	1080
<b>Piping depth from lid (Millimeters)</b>	Inlet depth	90	90	90	90
	Outlet depth	1000	1000	1000	1000
	Pipe dia.	20	20	20	20
<b>CAPACITY (Liters)</b>		1000	1500	2000	2500

### *VERTICAL CISTERN TANKS*



		<b>CT 600</b>	<b>CT 1000</b>	<b>CT 1200</b>	<b>CT 1500</b>	<b>C 1700</b>	<b>CT 2200</b>
<b>DIMENSIONS (Millimeters)</b>	Inner width	790	952	952	952	952	952
	Outer width	1250	1346	1346	1346	1346	1346
	Height	1075	1397	1638	1676	1900	2260
<b>Piping depth from lid (Millimeters)</b>	Inlet depth	100	100	100	100	100	100
	Outlet depth	1000	1320	1550	1600	1820	2180
	Pipe dia.	20	20	20	20	20	20
<b>CAPACITY (Liters)</b>		600	1000	1200	1500	1700	2200

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# SSF/x SLOW SAND FILTER

## Safe Drinking Water from Surface and Deepwell Water Sources

Licensed technology from Blackburn & Associates of Sea Ranch California U.S.A.

The SSF/x slow sand filter produces high quality, biologically safe drinking water from various sources including shallow and deep wells, streams, springs, lakes and ponds. The SSF/x combines reliable and time-honored principles with modern innovation to remove up to 99.99% of bacteria, viruses, Giardia, eColi, Criptosporidium, cysts, and parasites through perdition or biological and physical processes. The SSF/x also removes turbidity (cloudiness) and reduces iron, manganese, and other common contaminates. The SSF/x requires no electricity or chemicals. The SSF/x can be installed and completely maintained by minimally trained personnel. The filter tank is made from Food Grade Virgin Polyethylene material approved by the U.S. F.D.A. Slow sand filters are recognized as Superior Technology by the U.S. E.P.A. (United States Environmental Protection Agency), and the World Health Organization (W.H.O.). The SSF/x is capable of producing up to 1,800 gallons per day of clean, safe and potable water.



### SSF/x FILTER TANK SPECIFICATIONS

Tank Material:	Food Grade Virgin Polyethylene, UV stabilized for outdoor use.
Top diameter:	1240 mm (49")
Bottom diameter:	1010 mm (40")
Total height:	1526 mm (60")
Body height:	1323 mm (52")
Cover height:	203 mm (8")
Tank volume:	1000 liters (250 gallons)
Comes with:	<ul style="list-style-type: none"> <li>→One (1) Plastic ball valve</li> <li>→One (1) Inlet Float valve w/ fittings</li> <li>→One (1) Outlet Plastic control valve</li> <li>→Plastic piping manifold</li> <li>→Washed &amp; Graded Sand &amp; Gravel filter media</li> <li>→Instruction Manual</li> </ul>



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# RAIN WATER COLLECTION SYSTEM

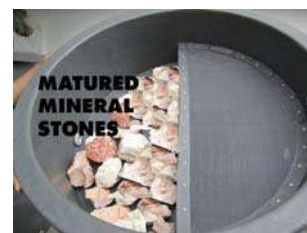
**RAIN**, a God-given natural resource can be captured, stored and utilized to benefit many. The Philippines, being a tropical country is endowed with the abundance of Rain. Yet, it remains to be untapped and sometimes dreaded to unleash calamities beyond unimaginable proportions. Republic Act 6716 provides the construction of rainwater collectors for all Barangays in the Philippines. Inca Engineers have innovated a system that filter, collect, contain, process and transform raw rain water to useful domestic & safe potable water without the need of any mechanical or electrical intervention. A 1000 liter food grade UV stabilized INCA polyethylene (P.E.) tank with a series of internal filters and mineralized rocks convert the raw rain water's contaminated and acidic condition to alkaline water by increasing the pH level beyond 7 pH. The Rain water collection system can be interconnected and can further convert the processed rainwater to potable safe drinking water by attaching readily available commercial drinking water filters. The Rain water collection system is particularly useful at evacuation sites or calamity prone cities or municipalities. Suggested minimum capacity is at least 10,000 liters or ten (10) tanks.

**Dimensions:** 1610 mm x 1005 mm diameter

**Tank capacity:** 1000 liters

**Tank color:** Blue or Brown or Gray

**Fittings:** ¾" to 1" diameter





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# INCA<sup>®</sup> PORTAROOM

The portable INCA PORTAROOM is a PRACTICAL AND DURABLE personal care facility made from tough virgin polyethylene plastic. Completely brandnew, it is absolutely rust free, does not crack, chip or fade due to the addition of Ultraviolet Stabilizers. The Inca PORTAROOM is a COLLAPSIBLE, FOLDABLE, and PORTABLE unit. It is easy to assemble and handle, weighing only about 190 lb. The 200-liter holding tank is designed to take 100 uses. A toilet seat is included to assure comfort during use. A plastic urinal is also provided as an attachment to the holding tank. The Inca Portaroom can also be fitted with an all-plastic 600-liter (optional) Inca anaerobic septic tank for locations where prolonged usage of the toilet is anticipated. This feature will enable the Inca Portaroom to be a "maintenance free" stand-alone unit in the handling and discharging of human waste. In addition, the Inca Portaroom roof cover can be converted into a 200-liter rain collector or water tank for use in cleaning in areas where water is scarce. This remarkable product is now manufactured in the Philippines with full service support and supply of parts.



### INCA PORTAROOM SPECIFICATIONS:

Portaroom & (optional) Septic tank Material: Virgin Polyethylene, UV stabilized w/ PVC pipe for venting

Dimensions: 1220 mm x 1220 mm x 2310 mm

Accessories: Toilet seat & cover Door lock w/ indicator

Holding tank gross capacity: 200 liters

Optional Septic tank capacity: 600 liters anaerobic septic tank

Standard Color: Green (body); Natural (roof)

Instruction manual: Operation, assembly & disassembly of Portaroom and installation for 600-liter septic tank

Optional 600-liter Septic tank

Door lock



Shaping Ideas into Plastics

# SOLUTIONS TO PROTECT THE ENVIRONMENT

## ANAEROBIC PLASTIC SEPTIC TANKS ENGINEERING DESIGN BY INCA PLASTICS PHILIPPINES, INC.

The INCA septic tank system is based on the settling and the anaerobic filtration of household sewage. A septic chamber is combined with a filter chamber in one central treatment septic tank system. In this system, no mechanical parts are used to guarantee the function of the waste treatment. No electric power is necessary to operate the septic tank. No service works or permanent maintenance works are required or necessary during operation. The INCA septic tank is made from virgin Linear Low Density Polyethylene (LLDPE). It is a one-piece rotationally molded plastic part. The step-formed profile external design of the septic tank allows for maximum structural strength and ease of handling. The filter chamber of the INCA septic tank contains a calculated number of



proprietary trickling media filters that considerably increase the specific surface area of the septic tank for the microbes to propagate and accelerate waste digestion. Made out of carbon & plastic medium, the addition of the trickling media filters have increased the specific surface area from 9 sq.m. (standard to 2-chamber concrete septic tanks) to 15 sq.m. (equivalent to a 3-chamber concrete septic tank). Compared to a 3-chamber septic tank, the INCA septic tank is more compact or smaller in size and is designed to be

completely buried in the ground. Based on actual performance, it assures sanitation and hygiene and is suited for households, offices, factories, schools or churches. It saves space, easy to install as a single unit, in series or in parallel configuration and does not require sedimentation treatment. Septic tanks are used to collect organic waste and its primary function is to liquefy and precipitate solid wastes. The standard requirement of the Department of Environment and Natural Resources (DENR) for effluent discharge of septic tanks is a maximum of 50 parts per million (ppm) of Biochemical Oxygen Demand (B.O.D.). The INCA septic tank has undergone numerous field tests over the past 12-years and the effluent results consistently show an acceptable B.O.D. below 50 ppm.

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- The trickling media filter is made from carbon and plastic medium
- It also serves as odor absorber inside the septic tank
- Bacteria thrives on the surface area of the walls of the septic tank while the trickling media filter allows more surface area for bacteria to grow, develop and digest waste during the process of anaerobic filtration
- As human wastes get in contact with the bacteria, they are digested and liquefied by as much as 70%

### AT LEAST SIX (6) MODELS OF INCA SEPTIC TANKS TO CHOOSE FROM:



STA 1000 STA 1200 STA 1500 STA 1700 STA 2200 STA H 2500

The INCA Septic tank is easy to install and operate. Two (2) vents are located on top of the septic tank, i.e. an air vent outlet for methane gas build-up and a desludge port. Various models shown are intended for dwelling units with regular occupants from 5 to 50 people. INCA also accepts custom made septic tank systems or grease traps for commercial and industrial applications. **CONTACT INCA NOW FOR MORE DESIGN DETAILS !!!**



## ANOTHER SOLUTION TO PROTECT THE ENVIRONMENT

### INCA ANAEROBIC SEPTIC TANK or SEWAGE TREATMENT SYSTEM



The **INCA sewage treatment system** is based on the settling and the anaerobic filtration of household sewage, specifically wastewater discharged from toilets. A septic chamber is combined with a filter chamber in one central treatment septic tank system. In this system, no mechanical parts are used to guarantee the function of the waste treatment septic tank. No electric power is necessary to operate the septic tank. No service works or permanent maintenance works are required or necessary during operation. **The INCA septic tank** is made from Linear Low Density Polyethylene (LLDPE). It is a one-piece rotationally molded plastic part manufactured from virgin LLDPE resin. The design of the septic tank provides maximum strength and ease of handling. Wall strength is further reinforced by a circular rib type-formed profile.

The **INCA septic tank** is designed to be completely buried in the ground. Based on actual performance, it assures sanitation and hygiene and is suited for households, offices, factories, schools or churches. It saves space, easy to install and does not require sedimentation treatment.

Choose from four models of the Inca Horizontal Septic tank. Inca offers free supervision during the initial installations.



**ACCREDITED BY INNOVATIVE TECHNOLOGIES FOR HOUSING (AITECH) / HUDCC certificate no. 2003-0010**

DWELLING		STAH 1000	STAH 1500	STAH 2000	STAH 2500
House (200 ltrs./ person)		3-5	6-8	8-12	13-17
Office (50 ltrs./person)		12	24	35	50
Factory/ school (50 ltrs/ person)		12	24	35	50
FLOW RATE ltrs/ day		900	1200	1800	2300
DIMENSIONS (Millimeters)	Length	1385	1930	2500	3040
	Width	1010	1010	1010	1010
	Height	1080	1080	1080	1080
SPECS (Millimeters)	Inlet depth	90	90	90	90
	Outlet depth	140	140	140	140
	Pipe	102	102	102	102
CAPACITY (Liters)	Septic zone	700	1200	1700	2200
	Filter zone	300	300	300	300
	Total	1000	1500	1700	2500
OTHERS:		With manhole & cover, desludging port & cover, and gas venting port			

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## ANOTHER SOLUTION TO PROTECT THE ENVIRONMENT

### INCA ANAEROBIC SEPTIC TANK or SEWAGE TREATMENT PLANT (STP)



The INCA sewage treatment plant (STP) system is based on the settling and the anaerobic filtration of household sewage. A septic chamber is combined with a filter chamber in one central treatment septic tank system. In this system, no mechanical parts are used to guarantee the function of the waste treatment septic tank. No electric power is necessary to operate the septic tank. No service works or permanent maintenance works are required or necessary during operation. **The INCA septic tank** is made from Linear Low Density Polyethylene (LLDPE). It is a one-piece rotationally molded plastic part manufactured from virgin LLDPE resin. The design of the septic tank provides maximum strength and ease of handling. Wall strength is further reinforced by a step-formed profile.

The INCA septic tank is designed to be completely buried in the ground. Based on actual performance, it assures sanitation and hygiene and is suited for households, offices, factories, schools or churches. It saves space, easy to install and does not require sedimentation treatment.

Choose from five models of the Inca Septic tank. Inca offers free supervision during the initial installations.



**ACCREDITED BY INNOVATIVE TECHNOLOGIES FOR HOUSING (AITECH) / HUDCC certificate no. 2003-0010**

DWELLING		STA 1000	STA 1200	STA 1500	STA 1700	STA 2200
House (200 ltrs./ person)		3-5	6-7	6-8	8-10	13-15
Office (50 ltrs./person)		12	20	24	32	40
Factory/ school (50 ltrs/ person)		12	20	24	32	40
FLOW RATE ltrs/ day		600	800	1200	1600	2000
DIMENSIONS (Millimeters)	Inner width	952	952	952	952	952
	Outer width	1346	1346	1346	1346	1346
	Height	1397	1638	1676	1900	2260
SPECS (Millimeters)	Inlet depth	200	200	200	200	200
	Outlet depth	250	250	250	250	250
	Pipe	102	102	102	102	102
CAPACITY (Liters)	Septic zone	635	850	1150	1350	1850
	Filter zone	350	350	350	350	350
	Total	1000	1200	1500	1700	2200

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# PLASTIC SEPTIC TANK NESTABLE (STAN)

**Another innovative solution to the environment**

The Inca Nestable Septic Tank system is based on the settling and natural anaerobic filtration of household sewage. Designed to be equivalent to a standard 3-chamber concrete septic tank or a 2-chamber concrete septic tank it can be transported knockdown and assembled at site which translates to lower shipping or transport costs. With the inclusion of Inca's proprietary trickling media filters, the septic tank has a small footprint and saves space compared to other septic tanks. Intended to be installed below or above ground, the plastic septic tank is rotationally molded from virgin U.V. stabilized Polyethylene. It is easy to install and does not require sedimentation treatment. There are no mechanical or electrical parts to guarantee the function of the treatment of sewage. No service works or permanent maintenance works are required during operation. Choose from the two septic tank models, i.e. STAN 460 liters and STAN 1000 liters. Both Nestable Septic Tanks guarantee an effluent of below 50 ppm B.O.D. (5-days) with proper use.



TRICKLING MEDIA FILTER



### SEPTIC TANK SPECIFICATIONS

Tank Material:	Food Grade Virgin Polyethylene, UV stabilized for outdoor use	
	<b><u>460 liters</u></b>	<b><u>1000 liters</u></b>
Top diameter:	927mm	1240 mm
Bottom diameter:	699mm	950 mm
Total height:	1163mm	1370 mm
Body height:	965mm	1263 mm
Cover height:	198mm	107 mm
Inside surface area:	9 sqm	14 sqm.
Comes with:	100 mm inlet/ outlet fitting 100mm suction port Trickling media filters ¾" gas vent Instruction Manual	



SHAPING IDEAS INTO PLASTIC

# SOLUTIONS TO PROTECT THE ENVIRONMENT



## INCA<sup>®</sup> GREASE TRAPS

The INCA<sup>®</sup> GREASE TRAP system is based on the floating filtration of household kitchen fats, oils, and grease (FOG) separated from water. A collection chamber is combined with a filter chamber in one central treatment GREASE TRAP system. In this system, no mechanical parts are used to guarantee the function of the Grease Trap. No electric power is necessary to operate the Grease Trap. Regular manual removal of the accumulated grease in the filter chamber is the only service work required.

### GREASE TRAP MODELS

Product Code	Flow Capacity Ltrs/min	Grease Loading (kg)	Water Capacity (Liters)	Gross Volume (Liters)	Pipe size (inches)
IPGT10	6	1.50	6.50	10	2"
IPGT18	10	3.00	12.00	18	2"
IPGT40	25	7.00	26.00	40	2"
IPGT120	80	24.00	84.00	120	2"

The INCA GREASE TRAP is made from food grade virgin Medium Density Polyethylene (MDPE) resin. It is a one-piece rotationally molded plastic part, lightweight, rust free, does not chip or crack, resists all types of cleaning agents and chemicals. The design of the Grease Trap provides long lasting durability and ease of maintenance. It may be used to complement or eliminate the function of the traditional P-Trap under kitchen sinks. INCA Grease Traps can be installed above ground, sitting on the floor, or flush to the floor. The plastic grease traps are produced in a variety of sizes. Custom sizes are available up to 300 liters. Based on actual performance, the Grease Trap is an efficient collector of FOG from kitchen sinks, prevents grease build-up and clogs in the sewer pipes. It saves space, and is suitable for inside or outside household installation. The INCA Grease Trap comes in various standard models such as the upright cylindrical IPGT 10L (10 liters), rectangular IPGT 10L & IPGT 18L (10 & 18 liters), upright cylindrical IPGT 40L (40 liters), horizontal cylindrical IPGT 40L (40 liters) and upright cylindrical IPGT 60L (60 liters). The capacity of grease traps (in liters per minute) is determined from its flow rate and inlet pipe size. Typical household single unit kitchen sinks with an outlet pipe of 2" diameter may discharge a maximum of 70 liters per min. The table shows various models with performance specifications.

For further inquiries and information, please contact INCA PHILIPPINES, INC.; Bldg. 4 Philcrest Cmpd. Km. 23 West Service Road, Cupang, Muntinlupa City Metro Manila Philippines 1771 Tel. +63 2 850 0482; Tel. +63 2 809 2730; Fax +63 2 809 1108; <http://www.inca.com.ph>; email: [ralphc@inca.com.ph](mailto:ralphc@inca.com.ph)



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### INCA® GREASE TRAP

The INCA® GREASE TRAP system is based on the floating filtration of household kitchen fats, oils, and grease (FOG) separated from water. A collection chamber is combined with a filter chamber in one central treatment GREASE TRAP system.

In this system, no mechanical parts are used to guarantee the function of the Grease Trap. No electric power is necessary to operate the Grease Trap. Regular manual removal of the accumulated grease in the filter chamber is the only service work required.

The INCA GREASE TRAP is made from food grade virgin High Density Polyethylene (HDPE) resin. It is a one-piece rotationally molded plastic part, rust free, does not chip or crack, resists all types of cleaning agents and chemicals. The design of the Grease Trap provides long lasting durability and ease of maintenance. It may be used to complement or eliminate the function of the traditional P-Trap under kitchen sinks.

Based on actual performance, the Grease Trap is an efficient collector of FOG from kitchen sinks, prevents grease build-up and clogs in the sewer pipes. It saves space, and is suitable for inside or outside household installation.

Total Grease Trap height:	287 mm
Length:	342 mm
Width:	272mm
Total volume:	10 liters
Total (empty) weight:	2 kgs
Filter chamber Grease loading:	1.50-2.0 kg
Inflow rate (max):	28 liters/min
Inlet & outlet pipe size:	32 mm

Also available in other sizes from 10 to 600 liters for household, commercial & industrial applications. Materials used to manufacture the Grease Trap may be recycled or reused.





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## ***INCA<sup>®</sup> BIODIESEL BREWER***

The INCA Biodiesel Brewer is a practical and convenient system to produce biodiesel with vegetable oil, animal oil or a combination of both. Designed to be safe and easy to operate, the U.V. stabilized translucent virgin polyethylene containers are all rotomolded seamlessly as a modular unit and fits in one compact component. This allows the brewer to utilize a limited space for the production of biodiesel and its by-products. Moreover, production procedures applied by just one (1) personnel are simplified. Chemical dosing and mixing are accurately measured and safely dispensed with graduation measurements embossed at the body of the plastic containers. With a maximum capacity of 100 liters of biodiesel for each batch production run, the brewer is equipped with a motorized mixer, bubble aerator and all plastic valves. This results to better and consistent biodiesel quality for use in all types of diesel engines, ovens and burners. Based on actual use, cycle time from the loading of used vegetable oil to the harvesting of the biodiesel product takes about 30 hours (to include filtering, mixing, settling, wash sequence and drying). The direct cost of production is 36% of current petroleum diesel prices. At a production or consumption rate of 200 liters of biodiesel per month, estimated payback is less than one (1) year. The INCA Biodiesel Brewer is excellent for Do-it-yourself (D.I.Y.) enthusiasts, homeowners and those who like to engage in livelihood / cost saving projects. It comes with a complete instruction manual. INCA may also provide hands-on training if required.





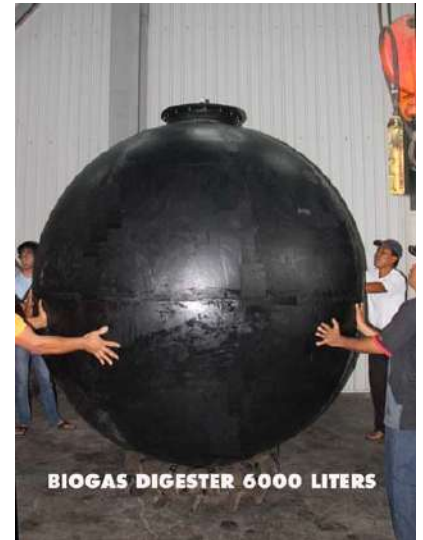
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# PLASTIC BIOGAS DIGESTER 6000 LITERS

A manure or waste management tool, biogas technology promotes the recovery and use of biogas as renewable energy by collecting, impounding and conversion of manure or waste to useful gas. Introduced and developed jointly by Philippine-Sino Center for Agricultural Technology (PHILSCAT) and INCA Philippines, Inc., the 2.32 meter diameter 6,000 liters plastic fixed dome biogas digester is spherical in shape and designed for farm use. Made from virgin Polyethylene resin, the biogas digester is rotationally molded seamlessly in one piece to make above & below ground installation simple. With an initial 1 ton load of animal/ crop waste stock, the average biogas daily production rate after 3-days is 0.75 cubic meter (0.51 kg) at a temperature of 29°C. The average methane concentration of biogas produced is 67%. Harvested biogas can now be use for household lighting, cooking, & heating up to 6 hours per day (2hrs x 3). Inca accepts Design-build or Turnkey project basis.



PHILSCAT tel. +63 44 940 9944 loc. 2015; +63 44 456 5463; [www.philscat.orgfree.com](http://www.philscat.orgfree.com); [philscat@gmail.com](mailto:philscat@gmail.com)



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### MOBILE SEWAGE TREATMENT PLANT (mSTP)

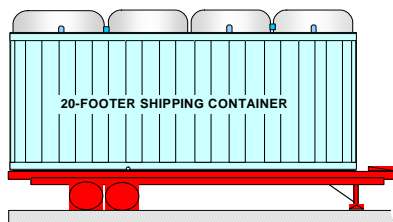
#### **A COST-EFFECTIVE WASTEWATER TREATMENT SOLUTION!**

- When the volume of wastewater is not sufficient to justify HIGH EXPENSE of a full-blown STP or need a temporary facility to remediate your effluent.
- When you want a complete and effective wastewater treatment system that is MOBILE, EASY TO INSTALL & OPERATE and REMOVEABLE.
- When you simply want to UPGRADE your existing STP or septic tank.

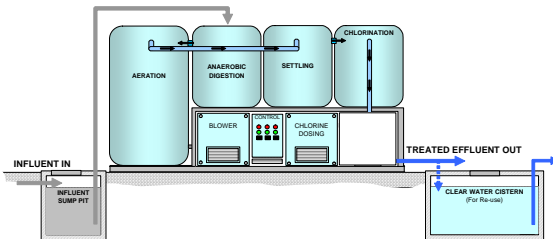
#### **INTRODUCING, A MOBILE BATCH ACTIVATED REACTOR (mBAR) SYSTEM!**

A conventional sewage treatment plant, fully integrated in a compact modular and expandable design that can be transported and assembled on site within a short period of time. This is made possible with the use of proprietary fine air bubble diffusers developed by Tryton & INCA engineers with INCA's P.E. storage tanks.

Can be mounted on a semi-trailer and parked at site



Or can be delivered knock-down and assembled at site



#### TECHNICAL SPECIFICATIONS:

AVERAGE DAILY FLOW (ADF):	15 / 25 m <sup>3</sup> /day
Maximum Daily Flow:	35 / 60 m <sup>3</sup> /day
Dimension (meters):	2.4W x 6L x 3H
Power Supply	220V 60Hz
Total Connected Load	1.70 KW
with transfer pump:	2.20 KW
Aeration diffuser pressure	5-12 psi (max)

#### PERFORMANCE GUARANTEE:

Unit	INFLUENT	EFFLUENT
pH	6 – 9	6 - 8.5
BOD5 mg/l	350 max	< 50
COD mg/l	500 max	<100

#### FEATURES:

Primary treatment utilizes the natural anaerobic digestion process with BOD<sub>5</sub> reduction up to 45%.

Secondary treatment is the conventional diffused intermittent aeration process using the proprietary technology developed and produced exclusively by INCA & Tryton.



Tertiary treatment includes hypochlorination and filtration. The filtration treatment is an optional system and may be included for 0.20 and 0.01 micro-filtration for 99% reduction of bacteria and viruses.

#### BENEFITS:

- Delivered, installed and operational within a short period of time.
- Optional tertiary treatment for reuse of treated effluent for secondary purposes, e.g. toilet flushing, irrigation, washing, fire protection.
- Simple to operate. No complicated controls.
- Low capital expenditures. You don't pay the expensive civil works for a full-sized STP.
- Lower operating cost (an estimated Php 8/cbm compared to Php 15/cbm for a full-sized STP).



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# INCA® FLOTATION MODULES



**12 meters x 10 meters PONTOON SYSTEM  
for Hovercraft station @ Boracay Island**



### Flotation Module 1100L (1100 liters)

3000 mmL x 1000 mmW x 380 mmH x 10 mm thick  
Load of 500 Kg per module at an immersion draft of  
200 mm. Under side of the module is hollow to maintain  
stability & buoyancy even if the module is punctured or  
damaged. Suitable for floatingwork stations, loading/  
unloading platforms, walkways, and wharfs.



Boat loading wharf station in Zamboanga

### Modular Flotation Modules 96L

490mmL x 490mm W x 400mmH  
Max load of 200 kgs every 4-pontoons at  
immersion draft of 200 mm



**650 Liters Flotation Module**

### Flotation Module 650L

1500mmLx1200mmLx  
415mmH  
Max load: 300 kg



**1200 Liters Flotation Module**

### Flotation Module 1200L

2000mmLx1190mmWx  
578mmH  
Max load 550 kg

Flotation Modules suited for supporting floating load bearing systems such ramps, gangways, pipes for mine tailings along waterways. Buoyancy and draft can be adjusted with water filling provision.

All plastic products are made of Virgin food grade High or Medium Density Polyethylene resin compounded with Ultraviolet stabilizers for protection against tropical weather conditions

**FOR MORE SPECIFICATIONS AND QUOTATION PLEASE CALL INCA PHILIPPINES, INC.**  
Metro Manila Office: Tel. +63 2 809 2776; 809 3380; Provincial toll free no. 1-800-1888-INCA  
Metro Cebu Office: Tel. +63 32 233 7917; 233 5805; Fax +63 32 233 4307  
Metro Davao Office: Telefax. +63 82 298 6195; 0922 8498265



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# INCA® SINGLE & TANDEM Kayaks

The Philippines, with over 7,000 islands, offers a variety of every conceivable seascape with sea kayaking. With more than 1,000 kilometers of crystal clear waterways, views of exotic villages, pristine beaches, coral reefs and mangrove swamps along the way, exploring with kayaks is a definite edge for coastal resorts & rest houses. The designs of the INCA kayaks are unique and adapted to local waterway conditions for safety, ease of paddling, stability and performance that will guarantee to outlast your fascination. Proudly Philippine made from virgin polyethylene resin, it is a one piece, seamless rotomolded plastic part. The resin material is compounded with U.V. stabilizers to ensure no cracking or fading in tropical weather conditions. Weighing only 18 kg and 34 kg, it is easy to handle, load and transport to various destinations and comes with standard life vests and double sided plastic oars. Available in **RED**, **YELLOW**, **GREEN**, **ORANGE**, **BLUE**

External Dimensions: (LXWXH):

TANDEM: 4267 mm x 762 mm x 280 mm;

SINGLE: 2970 mm x 750 mm x 375 mm



### Other Inca Plastic Products:



6-seater 12-ft Boat



Pontoons

All rotomolded in one piece (seamless) from durable, tough, virgin, food grade, UV stabilized Polyethylene material



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## **INCA® MARINE PLASTIC PRODUCTS**



**3-caser insulated cooler**

**Insulated cooler 60 liters**



**Insulated cooler 670 liters**



**14-FT KAYAK**

**14 ft kayak 2-seater**



**FLOAT BUOY 41" DIA.**

**Float Buoy 41" diameter**



**IPCT**

**Chilling tank 550 Ltrs  
61.5"L x 36"W x 27"H**



**12 ft x 4 ft Flat boat  
5-seater capacity**



**FLOAT BALL**

**Float Ball 16" diameter**



**Vortex filter 350 Ltrs**



**Float Cushion 120 Ltrs  
27" dia. x 46" H**

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## **PLASTIC PRODUCTS FOR THE MARICULTURE INDUSTRY**

 <p><b>12-FT FLAT BOAT &amp; 10-FT &amp; 14-FT KAYAKS</b></p>	 <p><b>CIRCULAR FISH CAGES USING INCA DOUBLE PLASTIC STANCHIONS</b> (Available in 10m, 15m, 20m diameter)</p>	 <p><b>PLASTIC STANCHIONS</b> Single: 12.76" L x 8" W x 45" H Double: 32.7" L x 8" W x 47.4" H</p>
 <p><b>SQUARE FISH CAGE USING PE PIPE CONNECTORS</b> (Available in 3mx3m, 4mx4m, 6mx6m, 10mx10m)</p>	 <p><b>LOW VOLUME HIGH DENSITY FISH CAGES (4 UNITS)</b></p>	 <p><b>INTERCONNECTING MODULAR FLOATS</b> Capacity: 127 liters 24"L x 24"W x 14"H</p>
 <p><b>CHILLING TANK 550L</b> Capacity: 550 liters 61.5" L x 36" W x 27"H</p>	 <p><b>1200 Liters Flotation Module</b></p> <p><b>FLOTATION MODULE</b> Capacity: 1,200 liters 79" L x 47" W x 22.76" H</p>	 <p><b>FLOATING HOUSE USING INCA FLOTATION MODULES</b> 5mx5m OR 7mx7m flotation sizes</p>
 <p><b>FLOAT BALL</b> 41" diameter (16" diameter also available)</p>	 <p><b>PAYAW</b></p> <p><b>PLASTIC PAYAW</b> 95"L x 47"W x 22" H</p>	 <p><b>ARTEMIA TANK</b> Capacity: 300 &amp; 600 liters 33" diameter x 31.25" height</p>

**ALL INCA PRODUCTS ARE MADE OF VIRGIN, FOOD-GRADE POLYETHYLENE COMPOUNDED WITH U.V. STABILIZERS FOR PROTECTION IN TROPICAL OUTDOOR WEATHER CONDITIONS**



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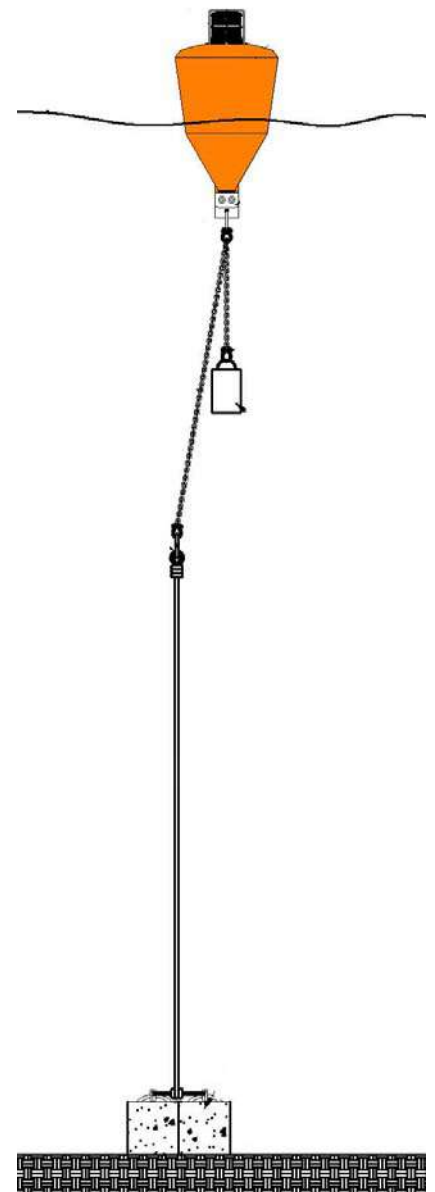
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# MARKER BUOY WITH SOLAR LAMP

One of the effective tools in the conservation of fish stocks is the establishment and maintenance of FISH SANCTUARIES. In some cases, restoration and preservation of Aquatic habitat and fish biodiversity becomes a management tool to increase natural fish production. However, the location and identification of Fish Sanctuary areas are equally important to the enforcement and sustainability to cause in the positive impact on the socio economic condition of the fishing community. To clearly delineate Fish Sanctuaries (FS) or Marine Protected Areas (MPA), INCA has developed plastic Marker Buoys with a solar lamp. These innovative buoys are highly visible and allows identification of boundaries of marine areas where fish can feed and breed without any disturbance. Moreover at night time, the solar lamp, illuminated and seen as far as 3-kilometers, serve as a navigational aid to warn boats or fishermen that they are close by or encroaching within a protected area.

Made from virgin, food grade rotationally molded polyethylene (P.E.) plastic, the buoy is U.V. stabilized for maximum protection against tropical weather conditions and comes with a sturdy mooring system built to last for many years. The solar lamp is encased in polycarbonate with option for flashing or stationary light. It complies with IP67 international waterproof ratings.

Buoy Model	Size (mm)	Buoy Volume (Liters)
IPFCh 150L	645 dia. x 1000 H	150
IPFCh 500L	1000 dia. x 1063 H	500





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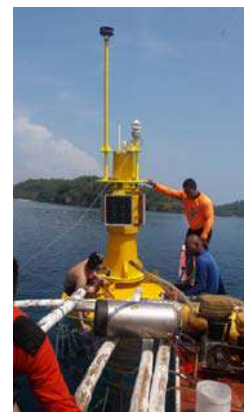
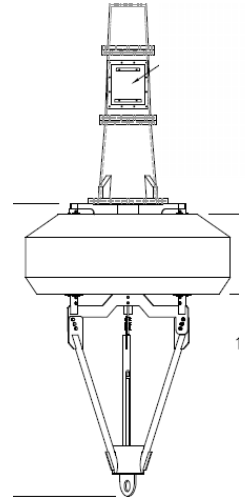
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# LARGE PLASTIC BUOY

## Another innovative Navigational safety device

The Large Plastic Buoy is designed and developed for Philippine waterway conditions by the Advance Science & Technology Institute (ASTI) of the Department of Science and Technology (DOST). The buoy is made from virgin, U.V. stabilized, abrasion resistant, shock absorbing polyethylene resin and molded in modular form in the Philippines by INCA'S rotational molding technology. The Buoy is designed to be deployed in open seas, exposed channels and harbors in currents up to 5 knots. The color is compounded or blended throughout, eliminating costly sandblasting and repainting. The hull, lifting and mooring system is modular in structure so in the event of revisions, individual sections can be replaced on site of a buoy tender at sea. It is an ideal replacement for most steel ocean and FRP Buoys. The Buoy can be customized to be equipped with several electronic components such as Radar, GSM digital Antenna, solar powered lantern, GPS, weather satellite, water monitoring devices, proximity warning devices, CPUs among others.



### **LARGE PLASTIC BUOY SPECIFICATIONS**

Body Material:	Virgin Polyethylene, UV stabilized for outdoor use
Outside diameter:	1800 mm
Total height:	4329 mm
Body height:	2460 mm
Wall thickness:	12 mm
Body hull filler:	PU foam, EPS or PE foam
Buoyancy / Draft:	1000 kg/ 2369 mm
Mooring system:	Steel structure Cement counterweights Chain links for fastening Cement block sinker
Instruction Manual:	Hard & soft copy

# INCA FISH CAGE SYSTEM (with individual mooring system)



<b>SPECIFICATIONS:</b>	<b>AQUA CAGE 10-meter diameter</b> Double collar stanchions	<b>AQUA CAGE 15-meter diameter</b> Double collar stanchions	<b>ECONOCAGE (For high value species)</b> <b>4m x 4m x 4m 4units (1 module) Single stanchions</b>	<b>LOW VOLUME HIGH DENSITY (LVHD) Fish Cage. Suitable for Fisherfolk fish cage operations</b>
<b>Cage float</b>	225 mm diameter UV-stabilized double collar High Density Polyethylene (HDPE) floatation with polystyrene inserts, roto-molded PE stanchions, 90mm diameter UV-stabilized black PE handrail		225 mm diameter UV-stabilized High Density Polyethylene (HDPE) Pipe with polystyrene inserts, 38mm dia. plastic stanchion posts with 25mm dia. polyethylene pipe hand railing, HDPE connectors and 1"x10" wooden walkway	One piece rotomolded cage float measuring 3 meter x 2.3 meter x 4 meter net depth. With total net volume of 25 cbm. No assembly needed.
<b>Nursery net</b>	4 meter depth 400/9 x 17K knotted PE net, square mesh, S/S tie rings		4 units 4m x 4m x 2m depth, SD 24K knotless square mesh, PE tie rings	1 unit 3m x 2.3m x 2m depth, SD 24K knotted square mesh, PE tie rings
<b>Grow-out net</b>	6 meter depth 400/15 x 10K knotted PE net, square mesh, S/S tie rings		4 units 4m x 4m x 4m depth, 400 / 15 x 17K knotted PE, square mesh, S/S tie rings	1 unit 3m x 2.3m x 4m depth, 400 / 15 x 17K knotted PE, square mesh, S/S tie rings
<b>Net Cover</b>	Knotted PE net		Knotted PE net. (4m x 4m)	Knotted PE net (3mx2.3m)
<b>Net weights</b>	12 units PE casing, 20 kg. Ferro-cement weight with stainless handle and quick release hook	15 units PE casing, 20 kg. Ferro-cement weight with stainless handle and quick release hook	32 units PE casing, 10-kg Ferro-cement weight with stainless handle and quick release hook.	4 units PE casing, 10-kg Ferro-cement weight with stainless handle and quick release hook.
<b>Mooring</b>	4 units 1-ton Ferro-cement anchor, 30 mm PP anchor rope, counter weights and 200 liter cushion floats		6 units Ferro-cement anchor, 30 mm PP anchor rope	4 units Ferro-cement anchor, 30 mm PP anchor rope
<b>Delivery</b>	15 to 30 working days upon mobilization			
<b>PHOTOS:</b>				
<b>Assembly &amp; Installation</b>	Buyer to provide for free, reasonable lodging for 3 technicians, Security at site until completion, 220V / 10 KW power supply or 10 KVA genset with fuel, boat to tow the cage and to ferry anchors to cage site during cage assembly work			
Cage float Cage float w/ nets <b>COMPLETE</b>	<b>INDICATIVE PRICE</b> vat excluded and FOB Muntinlupa City:			
	PHP 352,000	PHP 485,000	PHP 332,000	PHP 90,000
	PHP 440,000	PHP 575,000	PHP 425,000	PHP 120,000
<b>PHP 510,000</b>	<b>PHP 645,000</b>	<b>PHP 486,000</b>	<b>PHP 130,000</b>	



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### INCA<sup>®</sup> PLASTIC CRAB CAGE

INCA'S Plastic Crab cage is suitable for mud crab fattening or growout for soft shell crabs production. It is an ideal cage for *Scylla Serrata* or the common green mud crab found in estuaries and mangrove areas in most Southeast Asian Countries. Marketable sizes of mud crabs range from 250 to 800 grams. Made of virgin food grade polyethylene (P.E.) resin, compounded with Ultraviolet Stabilizers to protect it from tropical weathering, every INCA crab cage has six (6) perforated compartments and can be deployed in rows floating about while partially submerged along the water surface. The color of the crab cage is black to simulate darkness in and to stimulate the nocturnal feeding habit of the crab thus increasing the growth rate. The size of the crab cage is ideal for a person to singly perform the stocking, daily feeding and monitoring and finally harvesting without difficulty. The crab cage is lightweight, can easily be transported or transferred and is much better than the traditional Aquasilv pond. A crab cage farm area of only 25 square meters with 36 units of plastic crab cages and a 12 crabs per square meter stocking density for mud will yield 216 fattened crabs in 15 to 20 days. Moreover, caged crabs results in high recovery rate of 99% due to the absence of cannibalism as compared to the 40% yield of Aquasilvi pond farms.

#### SPECIFICATIONS:

Material: Virgin food grade Polyethylene  
Cage Size (mm): 537 L x 1036 W x 260 H  
Cage tare weight: 8 kg  
Cage capacity: six (6) crabs  
Size per cage (mm): 250L x 225W x 260H  
Cage color: Black  
Accessories: PP ropes for individual cage fastening and rope lining  
Optional P.E. Floaters





Shaping ideas into Plastic

## INCA PHILIPPINES, INC.

Bldg. no. 4 Philcrest Compound Km. 23 West Service Rd.,  
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# PLASTIC CIRCULAR SEAWEED FLOATER

The **Plastic SEAWEED FLOATER** is a flotation module that allows the grow out of seaweed propagules using 3mm diameter x 750mm long vertical polyethylene rope lines in a circular pattern or with a basket screen. The seaweed floater can be used as a modular system wherein other similar floaters are attached together in-line or in-grid format and moored altogether to form an intensive growout system for raw seaweed production. Compared to traditional long rope line system with the same area, the yield of the modular seaweed floater is higher by 40% both for vertical rope lines or with basket method. Made from virgin, U.V. stabilized polyethylene (PE), the floaters are designed, engineered & locally manufactured by Inca's rotational molding technology. These floaters are modular, transferable, reusable and environmentally friendly due to the recycling feature of polyethylene. Installation of mooring system is adapted to loading and underwater conditions and can be suitable to various water depths, shallow or deep.

### **SPECIFICATIONS:**

**Material:** U.V. Stabilized food grade Polyethylene

**Process of manufacture:** rotational molding

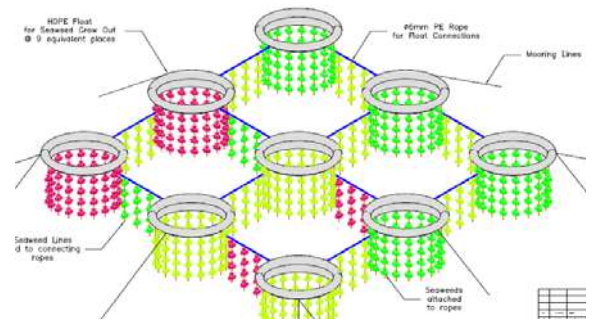
**Outer Dimensions:** 1500 mm diameter x 206 mm height

**Inner Dimension:** 1200 mm diameter

**Maximum buoyancy:** 90 liters

**Maximum carrying capacity:** 300 kg of wet / raw seaweeds

**Others:** With provision for the fastening of 15 ropelines of 3mm diameter in equidistant places of the floater





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## *INCA® HATCHERY TANKS*

### *MULTI-PURPOSE ABOVE GROUND SYSTEM*

INCA'S Hatchery Tank is an above ground multi-functional tank. It is ideal for hatcheries both for fresh or brackish water and applicable for larval, fingerling, algal, rotifer, conditioning and treatment. It can also be utilized as a Low Volume High Density (LVHD) aboveground fish Tank with Urban Agriculture using the technology of Aquaponics – the symbiotic relationship between fish and plants wherein the plants are fed by fish waste in the effluent and the fish are supplemented with organic feeds. Made of virgin food grade polyethylene (P.E.) resin, the INCA Hatchery tank is a seamless one-piece rotomolded plastic product, compounded with Ultraviolet Stabilizers to protect it from tropical weathering. Suitable for intensive above ground grow-out of fresh water finfish such as pangasius, catfish, Tilapia, Gourami etc., it is designed for a stocking density of 100 fingerlings per cubic meter and can be expanded to form a modular unit, of say, 4 fish tanks interconnected alongside to increase grow out production. The tank is movable, portable and nestable for easy storage and transport. The tank can also be used as a chilling tank, staging or collection tank for Post harvest operations. Inlet and outlet positions of the tank can be customized making a highly versatile plastic product. Warranty is 10-years against any factory defect.



**STN 6000L FISH TANK**



**STN 2000L  
MULTI SPECIES HATCHERY TANK**

**SPECIFICATIONS:**

	6000 liters	2000 liters
Material	Virgin food grade polyethylene	
Upper dia.	2618 mm	1650 mm
Bottom dia.	2470 mm	1412 mm
Height	1220 mm	1220 mm
Tank color	Blue or black	Blue or black
Fittings	Custom fittings	



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# LOW VOLUME HIGH DENSITY (LVHD) FISH TANK for AQUAPONIC SYSTEMS

INCA'S Low Volume High Density (LVHD) aboveground fish Tank is an innovative plastic product designed to promote Urban Agriculture using the technology of Aquaponics – the symbiotic relationship between fish and plants wherein the plants are fed by fish waste in the effluent and the fish are supplemented with organic feeds. This is a bio-integrated system that links recirculating grow-out aquaculture with hydroponic vegetable, flower and/ or herb farming for sustainable all-organic food production without the use of chemicals, fertilizers and antibiotics. Made of virgin food grade UV stabilized polyethylene, the INCA 6000 liter LVHD fish tank is a seamless one-piece rotomolded product suitable for intensive grow-out of fresh water finfish such as pangasius, catfish, Tilapia, Gourami etc. The LVHD system is designed for a stocking density of 100 fingerlings per cubic meter or 600 fingerlings per fish tank and can be expanded to form a modular unit, of say, 4 fish tanks interconnected alongside to increase grow out production. A special feature at the bottom tank section is the tangential orientation of the inlet or outlet fittings that will result in a swirling effect on the water flow. This will generate a constant circular motion at the base section of the tank to agitate accumulated residue.

### SPECIFICATIONS:

Material:	Virgin grade Polyethylene
Upper diameter:	2618 mm (8.60 feet)
Bottom diameter:	2470 mm (8 feet)
Height:	1220 mm (4 feet)
Tank capacity:	6000 liters (1500 gallons)
Tank color:	Blue, Black, Green
Fittings: size:	3/4" to 2" diameter





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# MODIFIED CONCRETE ARTIFICIAL REEF

Concrete Artificial Reefs have been identified worldwide as one of the effective management interventions in the preservation and rehabilitation of depleted marine natural habitat. It provides artificial shelter, serves as breeding ground for various forms of depleted marine life and now adopted by Fishery Managers as one of potential production and enhancement tools in sustainable programs in Aquaculture. Now, INCA Engineers have come up with an innovative design that will immensely facilitate the deployment of precasts concrete modules from pre-casting phase and hauling to offshore deployment while decreasing the volume of concrete materials needed yet maximizing the effective coverage area and without reducing the structural soundness of the project. INCA'S Modified Artificial Reef is a combination of concrete members and proprietary plastic connectors assembled together to form a durable artificial reef structure. Made of Virgin Polyethylene and manufactured by rotational molding, the plastic connectors are designed to adopt to various configurations of the artificial reefs and are easily assembled with built-in fasteners.

### SPECIFICATIONS:

Material:	Virgin Polyethylene
Dimensions:	1012 mm cube
Vertical concrete:	1000 mm x 146 mm x 146 mm
Horizontal concrete:	750 mm x 146 mm x 146 mm
Total Weight:	750 kg
Connector types:	3-way, 4-way, 5-way
Connector color:	Black
Accessories:	Bolt connectors



TRANSPLANTED CORAL



3-WAY CONNECTOR



4-WAY CONNECTOR



5-WAY CONNECTOR



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## ***INCA<sup>®</sup> FLAT BOTTOM PLASTIC BOAT***

The INCA BOAT is a **SAFE AND DURABLE ONE PIECE DOUBLE WALL SEAMLESS PRODUCT** made from rotationally molded tough virgin polyethylene (MDPE) plastic. Absolutely rust free, it does not crack, chip or fade due to the addition of Ultraviolet Stabilizers. Unlike rubber boats, it does not puncture upon collision with sharp objects. Bottom section is filled with Polyurethane foam or Polyethylene foam to ensure stability and buoyancy. Versatile to fit with various outboard gas motors from 3.3 hp to 5 hp or with electric trolling motors with a transom height of 15 inches, the Inca Boat is easy to transport and maneuver weighing only less than 200 lbs. The boat can accommodate 6-persons or 1000 lbs (500 kg) load. Suitable for recreation along shorelines, harbors, fun at beach resorts or swimming pools. During extreme weather conditions, it can even serve as a rescue boat in heavily flooded highly urbanized centers. Available in **YELLOW** and **ORANGE** standard colors .



### **SPECIFICATIONS:**

**OUTER DIMENSIONS:** 140" (3569 mm) L x 47" (1191 mm) W x 17.5" (445 mm) H

**SEATING CAPACITY:** Six (6) persons

**LOADING CAPACITY:** 1,000 lb. (500 kg.)

**APPROXIMATE GROSS WEIGHT:** 199 lb. (90.50 kg.)

**TRANSOM HEIGHT:** 15"

**ACCESSORIES:** Comes with two (2) single oar paddles; two (2) removable plastic seats

**OPTIONAL ACCESSORY:** Custom Trailer or 5 Hp Yamaha Outboard motor with clamp holder



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# INCA<sup>®</sup> MODULAR PONTOONS

The INCA Modular Pontoon System is a flotation device suited for marine docks, boat wharfs, mariculture fish cages, commercial and recreational loading or staging platforms within inshore areas. Made of Virgin, U.V. Stabilized, food grade Medium Density Polyethylene (MDPE) and manufactured in the Philippines using plastic rotational molding, the pontoons are one piece, seamless & designed to be interconnected with polyethylene pins with simple and easy to assemble procedures. Various configurations can be made on site with just 2-3 people working together due to its lightweight feature. On water, the pontoons can carry a load of 400 kgs for every 4-interconnected pontoons. For safety and convenience, accessories such as stainless steel or powder coated handrails, plastic fenders, belaying pins can be attached. For mooring, propylene ropes and mooring blocks ensure the pontoons to be anchored securely. Polyethylene material can be repaired or recycled to be made into other plastic products making it environmentally friendly.

### SPECIFICATIONS:

Material:	Virgin Polyethylene
Dimensions:	0.50mL x 0.50mW x 0.40mH
Buoyancy:	400 kg for every 4-pontoons
Internal volume:	100 liters each pontoon
Weight:	7 kg each pontoon
Accessories :	Connecting Pin w/ nut, Distance disc, side fixation w/nut, Fenders, Handrails
Colors:	<b>Orange</b> , <b>blue</b> , <b>green</b> , <b>yellow</b>



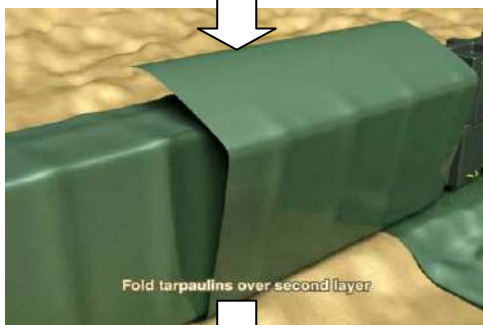
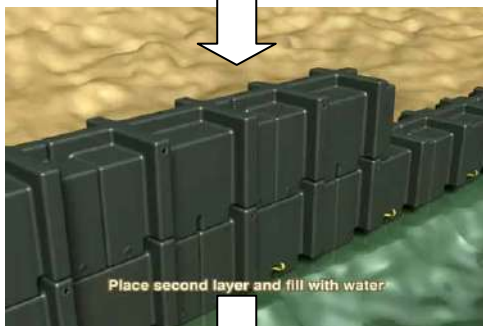
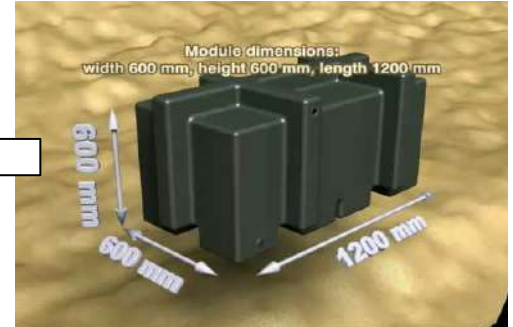
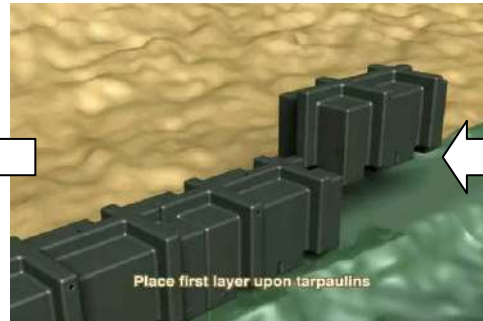
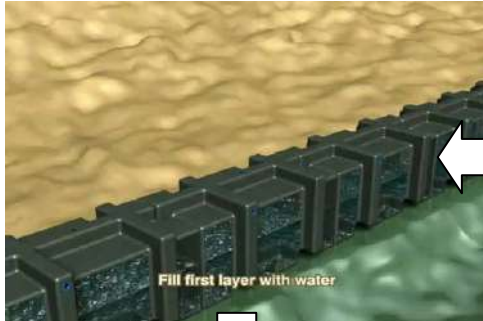


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## PLASTIC FLOOD BARRIERS



The Inca Plastic Flood Barrier is an innovative flood control plastic product that allows the immediate restraint or redirection of impending flood waters during heavy rain downpours, typhoons or dam spillway overflows. Made of tough U.V. stabilized virgin polyethylene material and rotationally molded for maximum strength and durability, it is set in place, stacked 3-high (for minor floods), filled with water and wrapped together with tarpaulin sheets making a solid barricade section more superior to traditional methods such as sand filled polypropylene sacks. For major floods a 5-high barrier (3-meters height) is recommended. The Plastic Flood barrier is lightweight at 13 kg and can be easily transported & manually installed in 6-8 hours for a span of 500 meters. Easy to disassemble, quick removal from site and organized storage by high stacking to be ready for the next flooding application.

### SPECIFICATIONS:

<b>Material:</b>	Virgin U.V. stabilized Polyethylene
<b>Dimensions:</b>	1200 mm L x 600 mm W x 600 mm H
<b>Tare Weight:</b>	13 kg
<b>Total weight:</b>	400 kg (filled with water)
<b>Standard Color:</b>	Black
<b>Others:</b>	Water inlet, drain plug, Tarpaulin

### OTHER INCA PRODUCTS:



Boat



Pontoons



Rain collectors



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## **INCA<sup>®</sup> UMBRELLA RACK**



**UMBRELLA RACK 20L**



**UMBRELLA RACK**

### UMBRELLA RACK MODELS:

	UMBRELLA CAPACITY:	
	<u>9 pcs</u>	<u>16 pcs</u>
LENGTH:	11"	14"
WIDTH:	11"	14"
HEIGHT:	18"	19.50"
WEIGHT:	3.0 lb	4.50 lb
VOLUME:	20 liters	40 liters

### CONVENIENT ANYWHERE, RAIN OR SHINE

- ➔ **MADE OF ONE PIECE VIRGIN POLYETHYLENE MATERIAL**
- ➔ **EASY TO CLEAN AND RUST FREE**
- ➔ **COMPOUNDED WITH ULTRA-VIOLET STABILIZERS FOR OUTDOOR USE**
- ➔ **UNLIKE FIBERGLASS OR WOOD, IT DOES NOT FADE, CRACK OR CHIP**
- ➔ **PERFECT FOR FASTFOOD OUTLETS, RESTAURANTS, OFFICES, RESIDENCES, CONDOS, INDUSTRIAL PLANTS**
- ➔ **AVAILABLE IN CUSTOM COLORS**
- ➔ **LOGOS OR MESSAGES CAN BE PRINTED TO CONVEY ANY ADVERTISING MESSAGE**



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### INCA® PODIUM

- MATERIAL:** MEDIUM DENSITY POLYETHYLENE (MDPE) PLASTIC  
U.V. Stabilized for tropical weather and outdoor use
- DIMENSIONS:** Length: 19.5 inches (495 mm)  
Width: 18.5 inches (470 mm)  
Height: 41.25 inches (1048 mm)
- WEIGHT:** 47 pounds (21 kilos)
- FEATURES:** Lightweight, does not crack, chip, rot or fade. Comes with Three (3) compartments, one (1) drawer and one (1) utility bin for Storage of writing implements or various items. Lamp for Illumination or large umbrella stands are optional accessories.

Suitable for company entrances, security checkpoints, or just plain writing desktop. Available in various standard colors. Corporate logos or Ad slogans can be printed in front of the product to effectively convey important messages.



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TOLL FREE 1-800-1888-4622; <http://www.inca.com.ph>

# INCA® VENDING CART

There is a strong need to clean up and standardize the image and quality of vendors. The INCA VENDING CART is an excellent mobile business tool for Entrepreneurs in the field of retailing. It is a one piece or seamless plastic product made from tough food grade U.V. stabilized polyethylene resin. Absolutely rust free, it does not crack, chip or fade due to the addition of Ultraviolet Stabilizer. Weighing only about 45 kgs., the vending cart is fitted with a mold-in handle for easy maneuvering while mobile. The front and sides of the cart allows for maximum surface area for point-of-sale advertising. The two doors open-and-slide inside the cart for operator convenience. The inside structure of the cart is reinforced with steel frames and comes with built-in electrical provisions. The under side of the cart is braced with heavy duty steel C-channels together with 4-caster 100mm caster wheels. Available in a variety of colors and can be customized according to design.



**VENDING CART**



Mold-in Handle



Umbrella stand



Door slides inside cart



Provision for electrical connections

### Specifications:

**Material:** Virgin Food Grade Polyethylene

**Dimensions of cart(mm):** 1522L x 762W x 913H

**Caster wheels:** 100mm dia. x 30mm wide, 2-fixed, 2 rotating

**Others:** Includes one (1) umbrella cover as shown; provision for electrical connections; inside steel framing; steel frame base w/ caster wheels

**Approximate weight:** 45 kilos



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TOLL FREE 1-800-1888-4622; <http://www.inca.com.ph>

## **INBRED & HYBRID RICE DRUM SEEDER**

The use of the rice Drum Seeder leads to better crop management and higher harvest yield. Immediate savings is realized on the quantity of seeds planted with the drum seeder compared with hand broadcasting method. Actual field application show a savings of at least 120 kgs seeds per hectare for Inbred & Hybrid seeds. Another immediate benefit is the increase in harvest of 10% due to the proper distribution of planting seeds resulting in optimized plant spacing for maximum use of sunlight and soil nutrients. Developed with the Philippine Rice Research Institute (PHILRICE), the Drum Seeder applies straight row seeding and controlled seeding rates from perforations along the circumference of the plastic drum seeder. Cost of labor for seeding and planting is also reduced since the drum seeder is lightweight, simple to assemble and operated by one person. The drum seeder, wheels and bushings are made of food grade virgin polyethylene plastic resin compounded with U.V. Stabilizers for use in tropical climates. To add strength in rough handling and severe field conditions, the Drum Seeder is manufactured by rotational molding. All plastic parts and accessories are locally manufactured and spares are readily available to ensure maximum utilization. Based on PAES 144:2005, field testing was done by the Agricultural Machinery Testing and Evaluation Center (AMTEC) with Test Report No. 2017-0017.



### **SPECIFICATIONS: (INBRED & HYBRID seeds)**

**Material:** Medium Density Polyethylene (MDPE)

**Color:** **Orange** (Drum seeders) & Black (wheels)

**External dimensions:** 2320 mm L x 700 mm

**Total no. of Drum seeders:** 5 per set

**Tare weight:** ~15 kg

**Gross weight with seeds:** ~25 kg-27 kgs

**Seeding output:** 1 to 1.50 hectares per day

**Seed prep.:** 12-24 hrs soaking; 12-24 hrs incubation

**Number of rows:** 10 (equal to 2.1 meters width)

**Seed capacity:** 10 kg-12 kg (2-2.50 kg/ hopper x 5 drums)

**Seeding rate:** 20 to 60 kg per hectare

**Packaging size:** 1320mmL x 762mmW x 216mmH



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## **INBRED RICE DRUM SEEDER & HARVESTER**

The use of the INBRED **RICE DRUM SEEDER** leads to better crop management and higher harvest yield. Immediate savings is realized on the quantity of seeds planted with the drum seeder compared with hand broadcasting method. Actual field uses show a savings of at least 120 kgs seeds per hectare. Another immediate benefit is the increase in palay harvest of 10% due to the proper distribution of planting seeds resulting in optimized plant spacing for maximum use of sunlight and soil nutrients. Developed with the Philippine Rice Research Institute (PHILRICE), the Palay Drum Seeder applies straight row seeding and controlled seeding rates from perforations along the circumference of the plastic drum seeder. The **PALAY HARVESTER** is an innovation from the traditional grass cutter except for the added feature of a polyethylene plastic guide to conveniently cut palay laden stalks efficiently. This gadget is a gasoline powered device that reduces harvest time in the field. Cost of labor for seeding, planting and harvesting are substantially reduced since these devices are simple to assemble and operate by one person only. The Drum seeder & Harvester, are made of food grade virgin polyethylene plastic resin compounded with U.V. Stabilizers for use in tropical climates.



### **SPECIFICATIONS OF DRUM SEEDER:**

**Material:** Medium Density Polyethylene (MDPE)  
**Color:** Blue (Drum seeders) & Orange (Harvester)  
**External dimensions:** 2500 mm L x 600 mm  
**Total no. of Drum seeders:** 6 per set  
**Tare weight:** ~10 kg  
**Drum seeder Gross weight with seeds:** ~22 kgs  
**Seeding output:** 1.0-1.5 ha/day  
**Labor requirement:** 1 man-hour/ day  
**Spacing between rows:** 20 cm  
**Seed preparation:** 24 hrs soaking; 24 hrs incubation  
**Number of rows:** 12 (equivalent to 2.4 meter width)  
**Seed capacity:** 12 kg (2kg/hopper)  
**Seeding rate:** 20-60 kg per hectare

### **SPECIFICATIONS OF HARVESTER:**

**Material:** Medium Density Polyethylene (MDPE)  
**Color:** Blue (Drum seeders) & Orange (Harvester)  
**External dimensions:** 1742mm x 585 mm x 500 mm  
**Maximum cutting wheel:** 1.0-1.4 meters  
**Field capacity:** 0.4-0.6 ha/day  
**Shattering grain loss:** <1.0%  
**Effective Cutting height:** 0-10 cm  
**2-stroke Gasoline Engine max output:** 1.7 hp  
**Fuel:** Gasoline / oil (25:1 ratio)  
**Fuel consumption:** 1.0-1.2 liters/hr  
**Total weight:** 9 kg including engine  
**Labor requirement:** 1-2 operators





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## **INCA<sup>®</sup> MOBILE CAR WASHER**

There is a strong need to clean up and standardize the image and quality of ambulant car washing in parking lots or car parks. The **INCA MOBILE CAR WASHER** is an excellent mobile business tool for Entrepreneurs in the field of washing services. It is a one piece or seamless plastic product made



from tough food grade U.V. stabilized polyethylene resin. Absolutely rust free, it does not crack, chip or fade due to the addition of Ultraviolet Stabilizer. Tare weight of only about 30 kgs., the **MOBILE CAR WASH**ER is fitted with a durable 2 HP gasoline engine to drive a 1000 psi water pump for water spraying. The built-in water tank of the mobile car washer can hold at least 100 liters of clean water. This is equivalent to cleaning at least 5-cars. The under side of the cart is braced with heavy duty steel tubing together with 4-pcs 100mm caster wheels. The unit has also a secure storage compartment for cleaning chemicals & implements. Available in a variety of colors and can be customized according to design with silkscreen printing.



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## INCA ROAD SAFETY AND DECORATIVE PRODUCTS

 <p><b>C30N</b> traffic cone 30" traffic cone 18"</p>	 <p>drain plug <b>ROAD BARRIER</b> Road barrier</p>	 <p><b>FSC-5</b> 5 pcs per set of Floor stand cordon w/ plastic chain.</p>
 <p>Collapsible post</p>	 <p>Post lane divider w/ signage</p>	 <p><b>PLANTER 15"</b> Planters 12" dia. Planters 15" dia. Planters 18" dia. Planters 21" dia.</p>
 <p><b>SAFETY BOYS w/shoe</b> Safety Boys w/ shoe</p>	 <p>Tank Control Barrier</p>	 <p><b>RT 200</b> Rolling trash bin 200 liters capacity</p>



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TOLL FREE 1-800-1888-4622; <http://www.inca.com.ph>

# INCA<sup>®</sup> TRAFFIC CONES

**LET INCA TRAFFIC CONES BE YOUR CHOICE FOR SAFETY AND CONTROL THROUGH HIGH RISK WORK AREAS !!**

INCA Traffic cones provide safety and guide motorist around work crews. Its U.S. based design makes it the preferred choice of leading road construction firms. INCA Traffic cones are **FULLY NESTABLE** so you save on transport cost. INCA traffic cones are all **U.V. STABILIZED** for prolonged outdoor applications. INCA Traffic Cones are **made of Virgin Medium Density Polyethylene (MDPE)**, rigid type, or **Thermoplastic Elastomer (TPE)** for rubberized or flexible characteristics.



MODEL	Height (inches)	Base (inches)	Weight (lbs)
C18N	17.25	11.5	1.25
C30N	29	16.5	3.00

### OPTIONS:

Your logo is embossed or silkscreened:





Shaping ideas into Plastic

## INCA PHILIPPINES, INC.

Bldg. no. 4 Philcrest Compound Km. 23 West Service Rd.,  
Cupang, Muntinlupa City, Metro Manila, Philippines  
Tel. +63 2 850 0482; 809 2730; Fax. +63 2 809 1108  
TOLL FREE 1-800-1888-4622; <http://www.inca.com.ph>

# INCA<sup>®</sup> PLANTER BARRIERS

**INCA Planter Barriers** provide beauty, safety and guidance in roadwork or traffic re-routing. Its design makes it the preferred choice of leading road contractors, Highway operators and tollways. **INCA Planter Barriers can be fully interconnected** via a tongue and groove feature at its base. Made of Virgin Medium Density Polyethylene (MDPE), INCA Planter Barriers contain pigments that **do not fade and are U.V. stabilized** for prolonged use in tropical weather. INCA Planter Barriers are extremely lightweight for mobility and handling, but it can be a permanent barrier with its **Plants-in-place feature.** Plant filled barriers add beauty to the roadway aside from absorbing the force of impact resulting from collisions thereby minimizing injury to motorists and damage to property. Plants are excluded from the product.



MODEL	Length (inches)	Width (inches)	Height (inches)	Weight (lbs.)
IPRB	40	15.70	33	19



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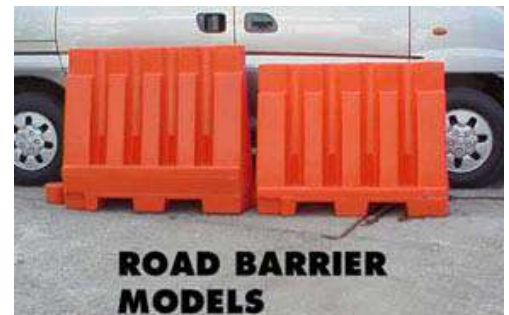
# INCA<sup>®</sup> ROAD BARRIERS

**INCA Road Barriers** provide safety and guidance in roadwork or traffic re-routing. Its U.S. based design makes it the preferred choice of leading road contractors, Highway operators and tollways. **INCA Road Barriers can be fully interconnected** via a tongue and groove feature at its base. Made of Virgin Medium Density Polyethylene (MDPE), INCA Road Barriers contain pigments that **do not fade and are U.V. stabilized** for prolonged use in tropical weather. INCA Road Barriers are extremely lightweight for mobility, but it can be a permanent barrier with its **fill & drain water feature.** Water filled barriers absorb the force of impact resulting from collisions thereby minimizing motorist injury.



There are two models to choose from:

MODEL	Length (inches)	Width (inches)	Height (inches)	Weight (lbs.)
IPRB	49	19.50	32	17
IPRB v3	57.50	20	35	25





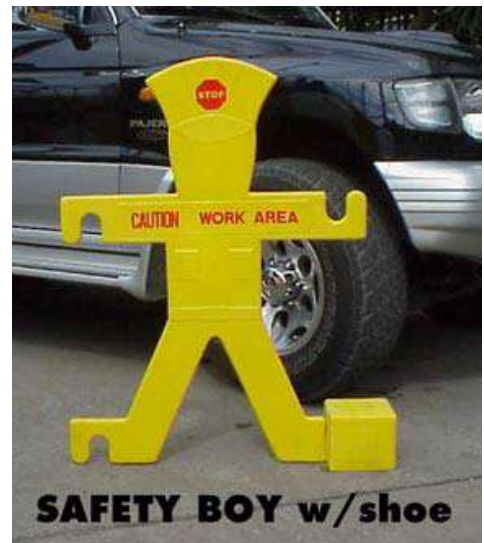
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# INCA<sup>®</sup> SAFETY BOYS

“SAFETY BOYS” at work - to prevent accidents and alert you of impending dangers, INCA “Safety Boys” sign guards can be placed at strategic areas where work is being carried out. The free standing signs can be located both indoors and outdoors in places such as shopping centers, hotels, schools, hospitals, airports, shipyards, roadsides, and other industrial, commercial and public areas. INCA “Safety Boys” provide safety visuals in roadwork or traffic re-routing. Its U.S. based design makes it the preferred choice of leading road contractors, Highway operators and tollways. **INCA “SAFETY BOYS” can stand alone or be fully interconnected** via a unique sand laden foot-shoe attached at its base. Made of Linear Low Density Polyethylene (LLDPE), INCA “Safety Boys” contain pigments that **do not fade and are U.V. stabilized** for prolonged use in tropical weather. INCA “Safety Boys” are extremely lightweight for mobility, but it can be a useful cordon with its **foot-shoe feature**.



MODEL	Length (inches)	Width (inches)	Height (inches)	Weight (lbs.)
DOUBLE	47	14.50	40	12
SINGLE	29	1.0"	40	6
SHOE	6.50"	6.50"	5.50"	12



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## **INCA<sup>®</sup> TANK CONTROL BARRIERS**

**LET INCA TANK CONTROL BARRIERS BE YOUR CHOICE FOR SAFETY AND CONTROL THROUGH HIGH RISK WORK AREAS !!**

INCA Tank Control Barriers (TCBs) provide safety and guide motorists around work crews. Its U.S. based design makes it the preferred choice of leading road construction firms. INCA TCBs are FULLY NESTABLE so you save on transport cost. INCA TCBs are all U.V. STABILIZED for prolonged outdoor applications. Designed to be filled up with water or sand, INCA TCBs are made of Virgin Linear Low Density Polyethylene (LLDPE) for maximum absorption of the impact force brought about by accidental collision. This will minimize damage to property and lesser injury to motorists.



MODEL	Height (inches)	Top diameter (inches)	Bottom diameter (inches)
STN460N	40"	36"	29"
STN1000N	60"	49"	40"

### OPTIONS:

**1000 liters**

**460 liters**





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## **INCA<sup>®</sup> TRUCK BED EXTENDER**

The INCA truck bed extender is a **SAFE AND DURABLE ONE PIECE SEAMLESS PRODUCT** made from tough polyethylene plastic. Absolutely rust free, it does not crack, chip or fade due to the addition of Ultraviolet Stabilizers. **IT ADDS UP TO 2 FT OR 30% TO YOUR PICK-UP'S BED LOADING AREA--INSTANTLY.** It is easy to handle, weighing only about 10 lb., haul motorcycles, furniture, bikes and other long gear safely and easily! **NO NEED TO DRILL HOLES TO MOUNT.** Extender easily fastened to all-stainless steel brackets. Can be flipped forward when you need a smaller compartment or completely removed when you need to use a full truck bed. The INCA truck bed extender is adaptable to MITSHUBISHI, NISSAN, TOYOTA, FORD RANGER and ISUZU AUV pick ups.

Initially available in black color and comes with **FREE INSTALLATION. DEALERS WELCOMED !!**

Also available from INCA PLASTICS:

**INCA TRUCK BED LINERS  
INCA UTILITY TOOLTAINERS  
INCA INSULATED COOLTAINERS**

All made from durable tough virgin Polyethylene material



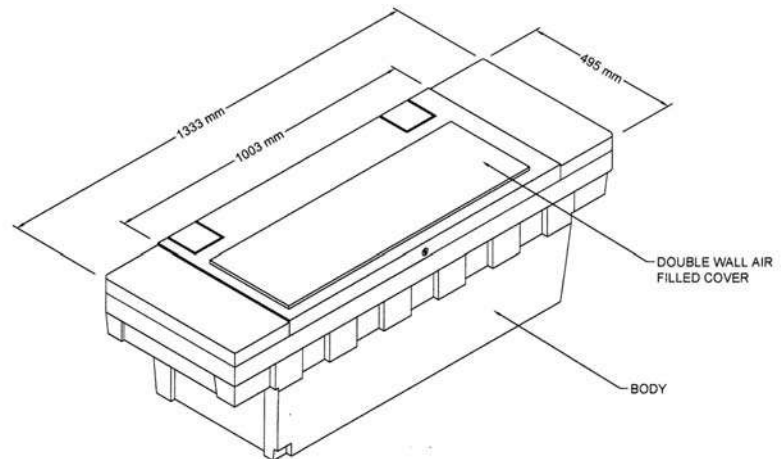


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# INCA<sup>®</sup> TOOLTAINER



The INCA Tooltainer is a **DURABLE, SEAMLESS PRODUCT** made from tough polyethylene plastic. Absolutely rust free, it does not crack, chip or fade due to the addition of Ultraviolet Stabilizers. It instantly gives an extra 200 liters of secured storage for the pick-up truck. Extremely lightweight at 16 kg., use it to keep tools, transport dry goods, office supplies, even water and ice and many more!! Tooltainer easily fastened securely with all steel brackets. **NO NEED TO DRILL HOLES TO MOUNT.** The INCA Tooltainer is a complimentary accessory together with Bedliners, Truck Bed Extenders for all models of MITSUBISHI, NISSAN, TOYOTA, FORD RANGER and ISUZU pick ups. Available in black color. Key and lock provided. **FREE INSTALLATION** in Metro Manila. External dimensions of the INCA Tooltainer:

Length : 1333 mm  
Width : 495 mm  
Height : 482 mm  
Door opening: 1003 mm x 495 mm

Also available from INCA PLASTICS:

**INCA TRUCK BED LINERS**  
**INCA TRUCK BED EXTENDERS**  
**INCA INSULATED COOLTAINERS**

All made from durable tough  
virgin Polyethylene material



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## INCA® FUNSHAPES® TOYS

 <p><b>TPPS</b> <b>PLAYSLIDE</b> Php 8,500 ea.</p>	 <p><b>BOOKSHELF</b> Php 6,500 ea.</p>	 <p><b>WAGON</b> Php 4,650 ea.</p>	 <p><b>BASKETBALL SET</b> Php 6,000 ea.</p>
 <p><b>BOOSTER SEAT</b> Php 1,000 ea.</p>	 <p><b>DESK SET</b> Php 3,500 ea.</p>	 <p><b>KIDDIE STUDY SET</b> Php 5,500 ea.</p>	 <p><b>JUNIOR SEE SAW</b> Php 2,550 ea.</p>
 <p><b>TEETER TOTTER</b> Php 5,100 ea.</p>	 <p><b>SWING SEAT</b> Php 1,700 ea.</p>	 <p><b>TODDLER SWING</b> Php 2,250 ea.</p>	 <p><b>TREASURE CHEST</b> Php 3,050 ea.</p>

All products are made from food grade virgin Medium Density Polyethylene (MDPE) compounded with UV (Ultra violet) stabilizers for outdoor use protection. ALL PRICES ARE V.A.T. excluded, F.O.B. Muntinlupa City, Metro Manila Philippines.



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## **INCA® CINEMA BOOSTER SEAT**

The INCA Cinema Booster Seat is a **SAFE AND DURABLE ONE PIECE SEAMLESS PRODUCT** made from tough polyethylene plastic. Absolutely rust free, it does not crack, chip or fade due to the addition of Ultraviolet Stabilizers. **IT COMFORTABLY AND SAFELY POSITIONS YOUR CHILD IN THEATER SEATS FOR GREAT VIEWING OF MOVIES.** It is easy to handle and carry around weighing only about 4 lb. **NO NEED TO USE STRAPS TO MOUNT.** The booster seat fits to all types of theater seats. It can be flipped over when you need a higher seat height or completely removed when you need to use a full adult seat.

**Dimensions:**

**Length: 11.00 inches**

**Width: 15.50 inches**

**Height: 8.00 inches**

Initially available in standard colors of green, blue, red, yellow and black.

Also available from INCA PLASTICS:

**INCA FUNSHAPE TOYS  
INCA ENVIRONMENTAL BINS  
INCA UMBRELLA RACKS**

All made from durable tough virgin Polyethylene material





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## INCA<sup>®</sup> BACKPACK SPRAYER

The INCA BACKPACK SPRAYER is a **SAFE AND DURABLE ONE PIECE SEAMLESS PRODUCT** made from tough polyethylene plastic. Absolutely rust free, it does not crack, chip or fade due to the addition of Ultraviolet Stabilizers. **IT CAN CONTAIN AT LEAST 16-LITERS OF LIQUID PRODUCT FOR SPRAYING.** It is easy to handle, weighing only about 2 KG (4 lb.) and very light to carry with its adjustable nylon strapping system and curved back-surface area. Backpack sprayer easily fastened to all-brass or stainless steel fittings, braided hoses and hand sprayers. Polyethylene enclosure is fitted with EPDM O-ring for complete sealing and comes with a provision for security seal. Can be stacked in a horizontal or vertical position for storage. The INCA backpack sprayer is suitable for water, liquid chemical fertilizers, pesticides and other liquids applied or dispensed with fine spray mist. Spray is manually operated.

Available in orange color and comes with a standard sprayer and straps. **DEALERS WELCOMED !!**

### SPECIFICATIONS:

Material:	Virgin Polyethylene, UV stabilized
Length:	470 mm (18.5")
Width:	372 mm (14.63")
Height:	152 mm (6.0")
Weight:	2 kgs. (4.4 lb.)
Capacity:	16 liters (4.23 gallons)





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## ***INCA<sup>®</sup> HOTSITZ<sup>™</sup> CONTAINER***

Sitz baths are frequently and routinely recommended by Doctors for a variety of medical disorders such as anorectal, urologic and gynecologic conditions. Sitz baths enable patients to get instant pain relief, promote wound healing by increasing the rate of blood flow, allow good perineal hygiene, and decrease anal sphincter spasm. The INCA HOTSITZ CONTAINER is an innovative medical device to give patients the convenience of undergoing sitz baths therapy with very minimal discomfort and stress. The INCA HOTSITZ is lightweight, portable, reusable and easy to use in the hospital or at home. Designed to fit the top of most models of toilet bowls, it allows patients to take regular Sitz baths with very minimal effort. Made from virgin, food grade Polyethylene resin, it does not crack, chip or fade. It is resistant to most chemicals, can withstand to contain very hot water, and ensures hygienic conditions. The INCA HOTSITZ has been clinically tested by many patients of various medical conditions and was proven to be the most superior, reliable, and economical device compared to other similar devices now in use.



### **SPECIFICATIONS:**

<b>Material:</b>	Virgin Polyethylene Resin
<b>Length:</b>	450 mm (17.70")
<b>Width:</b>	420 mm (16.50")
<b>Height:</b>	100 mm. (4.00")
<b>Weight:</b>	570 grams (1.3 lb)
<b>Color:</b>	White, yellow or black



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# OSSUARY BONE BOX



The Bone Box is a plastic Ossuary to serve as the **FINAL & LASTING** resting place of human skeletal remains. **IT IS A DURABLE, SEAMLESS ONE-PIECE PRODUCT** made from tough polyethylene plastic. Absolutely rust free, it does not crack, chip or fade due to the addition of Ultraviolet Stabilizers. **IT IS DESIGNED TO BE STACKABLE 10 UNITS HIGH ABOVE OR BELOW GROUND WITHOUT THE NEED OF A CONCRETE VAULT.** It is lightweight, easy to handle and carry, weighing only about 3.50 kg. The plastic Bone Box has an acrylic panel for proper identification of the deceased. The lid is removable or can be hinged or sealed. The external appearance of the box is black although various colors or shades can be adopted. It is a useful container to collect the skeletal remains of those entombed in overpopulated public cemeteries or crypts of various Local Government Units. This ensures the organized, hygienic and compact storage of skeletal remains so that public crypts can be decongested and made available to others as a temporary grave (usually for 5-years).

### Outside dimensions:

Length: 762 mm (30 in.)  
Width: 294 mm (11.57 in.)  
Height: 203 mm (8.0 in.)  
Weight: 3.5 kg (7.70 lb.)

Initially available in **BLACK** as shown in the photo.





**MAGENTA  
PINK**

**BLUE**

**PETRON  
BLUE**

**ORANGE**

**YELLOW**

**BROWN**

**TOY RED**

**SHELL  
GRAY**

**BLACK**

**GREEN**

**WHITE**

**GRAY**