

SHAKTI[®]

Superior by Design

E - BROCHURE

Range of Products



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GMI zarhak
Moulders Pvt. Ltd.

ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 CERTIFIED

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SHAKTI PRODUCTS FOR YOUR HOME

Welcome to **SHAKTI** - Products for your Home.

In addition to water tanks, we offer a wide range of products to meet your specific needs in and around your home.

Choose from our range of water storage or environment friendly products, all specially designed to add convenience to your **SHAKTI** Home.

COMPANY OVERVIEW

GMI Zarhak Moulders Pvt Ltd, A Rotomoulding manufacturing company, was established in 1995 in Goa. The Company manufactures and markets the well-known **SHAKTI** Brand of Water Tanks, Loft Tanks, Barrels. **SHAKTI** is the No.1 brand of water tanks in the Goan market, known for its good quality and superior design.

The company expanded its product range to include Pallets, Crates, Storage Bins, etc. With the desire to help the environment, the company ventured into Septic Tanks, Vermi Composting Bins, In-line Grease Traps, Roller Bins, Dustbins, Bio Digester and Water Harvester.

The Company has manufacturing units in Goa and Pune.
It is ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 CERTIFIED

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SHAKTI® Water Tanks are Strong, Durable and Hygienic.

FEATURES:

- Double Layered:
 - The outer black layer is made from virgin premium quality LLDPE.
 - The inner white layer of the tank, made from Titanium Dioxide, is safe and hygienic as any dirt in it is clearly visible.
 - Both the layers of the tank are made from good quality food grade material.



OUTDOOR TANK SPECIFICATIONS					
Model/Litres	Dia. in MM	Height. in MM	Manholde Dia. in MM	Lid Type	Weight (in Kgs).
200v	660	680	295	PRESS	7
300v	750	795	295	PRESS	9
500v	895	930	400	THREADED	12.5
750v	1015	1065	400	THREADED	17
1000v	1120	1180	400	THREADED	23
1500v	1280	1330	400	THREADED	34.5
2000v	1420	1485	400	THREADED	46
3000v	1610	1720	400	THREADED	70
5000v	1840	2130	400	THREADED	130

FEATURES	BENEFITS
10 Years Guarantee*	Guarantee Card and Invoice provided.
Manufactured from virgin LLDPE	Hygienic and safe for use.
Tank's Weight	Equals weight of LLDPE used - NO additives.
Clear White Inside (500v and above)	Food grade quality, U.V. stabilised, clear visibility.
Continuous Ribs	Extra strength, stability and no bulging of tank.
Threaded Lid (see table on top)	Prevents entrance of mosquitoes and insects.
No Metal Parts	Free from rust and corrosion.
No Fillers	Free from carcinogens.
Prompt Delivery at your door	No storage or double handling costs.
After Sales Service	Helps prolong the tank's life.
Tank has a Serial Number	Facilitates traceability / identification

* Against manufacturing defects.

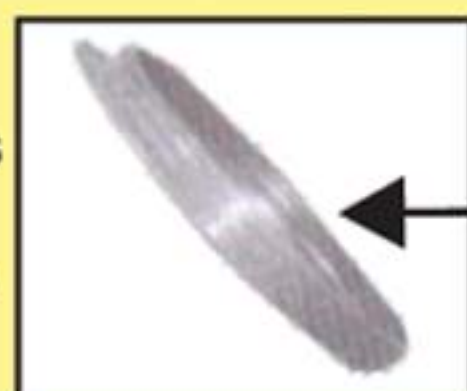
* Against Warranty Chart

DOUBLE LAYER



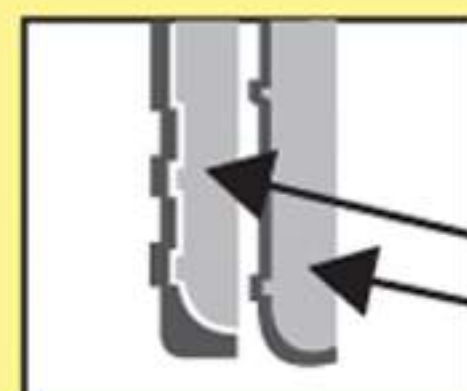
- No Metal Screws
- No Rusting
- No Maintenance

THREADED LID



Mosquito Proof Threaded Lid (Models 500 V and above)

CONTINUOUS RIBS



SHAKTI Others

STRONGER DESIGN



Cross Section of SHAKTI Water Tank
Inside White
Outside Black

RECOMMENDED ACCESSORIES:

The following accessories are available at additional nominal costs: Mosquito proof vent, Lid Locking System, Spin welded fittings (1/2", 1", 1 1/2" and 2").



INDOOR TANK SPECIFICATIONS						
Model/Litres	Length in MM	Breadth in MM	Height in MM	Manhole Dia.	Lid Type	Weight (in Kgs).
N200L	985	860	345	295	PRESS	10
N300L	1200	895	385	295	PRESS	13
N500L	1350	925	465	295	PRESS	15

The SHAKTI® Loft Tank is strong and compact, meant for indoor use.

FEATURES:

- 100% virgin and Food grade material.
- It is strong and compact and has a functional design.
- Convenient to install in your loft as it is light and has a convenient height.

NOTE: • Due to continuous research and development, specifications and descriptions indicated in this brochure are subject to change without notice. • 'V' above denotes vertical tanks. 'L' denotes loft tanks and 'N' denotes natural colour. • 200 V and 300 V tanks are single layer tanks i.e. internally and externally black. The tanks are U.V. protected. • 500 V and above capacity tanks are double layered tanks (externally black / internally white) and internally and externally U.V. protected. • Indoor Loft tanks are not U.V. protected. • Please dispose of scrapped material as per E.H.S Guidelines.

BARRELS



SHAKTI® Plastic Barrels are available in 3 different sizes.

FEATURES:

- Easy to store and transport.
- Ribbed design that give the barrels strength

SPECIFICATIONS				
Model/Litres	Diameter (mm)	Height (mm)	Manhole Dia.	Lid Type
100L	445	702	295	Press
150L	500	850	295	Press
225L	555	960	295	Press

HORIZONTAL WATER TANKS

The SHAKTI[®] Horizontal Water Tank is made from LLDPE for secure and safe storage.

FEATURES:

- 100% virgin and Food Grade material.
- It is strong and compact and has a functional design.
- Ribbed design for strength.
- Threaded Lid prevents entrance of mosquitoes and insects.

**SPECIFICATIONS**

Material	Capacity	Dimensions (mm)
LLDPE	500 lts	1020 × 800 × 900

The SHAKTI® Poly Septic Tank, with innovative nano baffle system, is convenient to install and a cost effective alternative to a concrete septic tank.

1550 Ltrs.

Patented

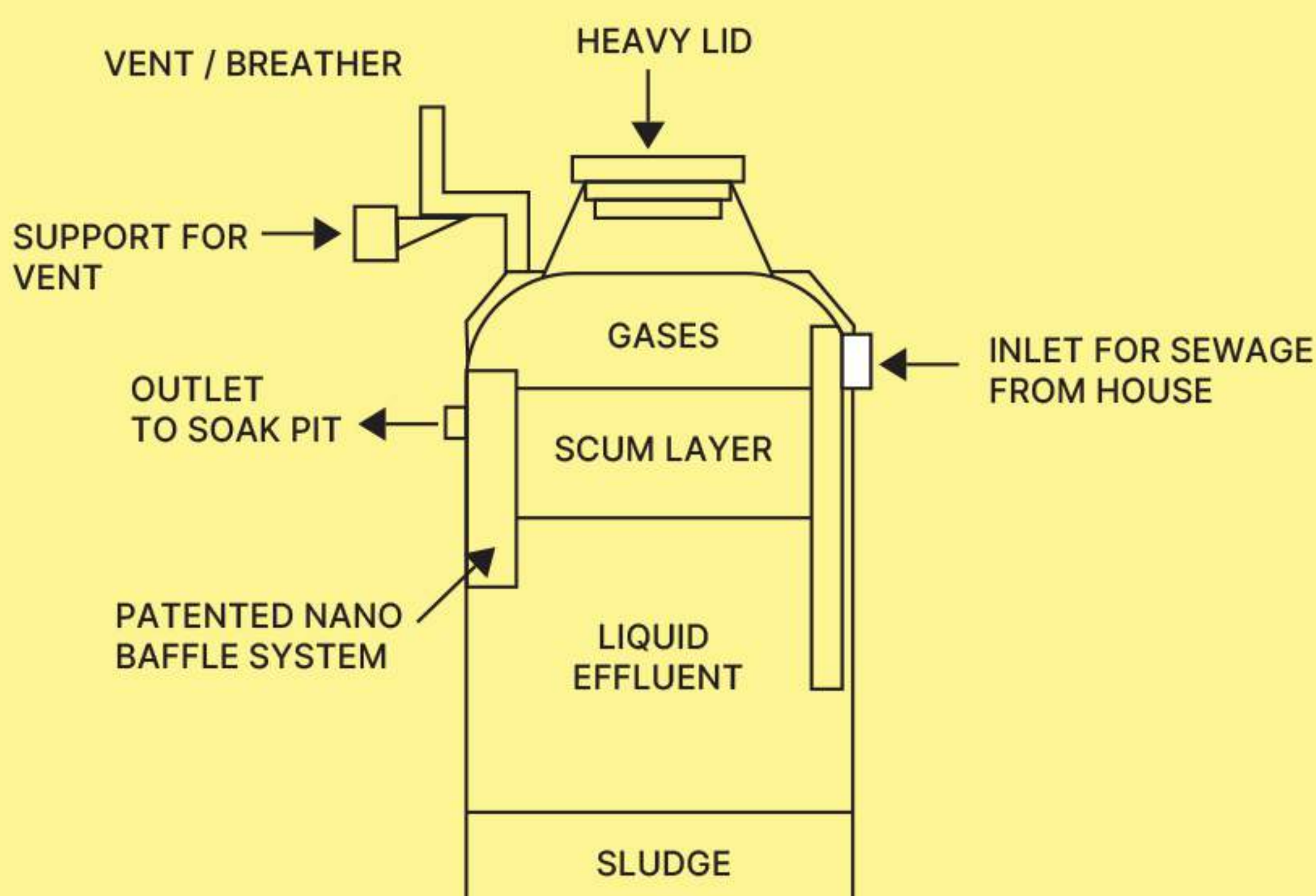


Description	Model
Capacity (liters)	ST-1550
No. of Domestic users	6-8
Height (mm)	1713
Diameter (mm)	1280
Manhole opening (mm)	600
Inlet pipe (mm)	100
Outlet pipe (mm)	50
Total tank Volume (m3)	1.68
Chamber Volume (m3)	1.55

* Specifications subject to change

FEATURES AND ADVANTAGES:

- Light weight and hence easy to transport.
- Easy to install and can be installed in relatively less time.
- Designed with a baffle system which directs the flow of wastewater, retains sludge within the tank, and avoids fouling of the environment.
- The SHAKTI poly septic tank is designed with one chamber and hence can be installed in a smaller area.
- Longer life as compared to concrete septic tanks.
- In case of any repairs, our poly septic tank can be repaired after inspection so as to protect your investment and increase the product's service life.



CROSS-SECTION VIEW OF SHAKTI SEPTIC TANK

The SHAKTI® Roller Bins are tough, sturdy and extremely durable products to handle waste. Ideal for use in hotels, restaurants, schools, institutions etc.

ADVANTAGES:

- Strong and durable with heavy duty wheels.
- UV Stabilised for outdoor applications.
- Security and stability stand available.
- Moulded-in handles & rust resistant pedal system.
- Hinged lid to prevent odour and ingress of insects.
- Branding and embossing logos on bin can be done.



SPECIFICATIONS

Model	Capacity (Lts)	Dimensions in mm
SF9	90	620 (l) x 460 (b) x 830 (h)
SF24	240	640 (l) x 580 (b) x 1040 (h)



SHAKTI®

Superior by Design

IN-LINE GREASE TRAP

The SHAKTI® Grease Trap system is designed to separate oil/grease, solid waste material and water after utensils are washed.



200 ltrs.

663 (dia) x 663 (h)



25 ltrs.

300 (l) x 200 (b) x 400 (h)

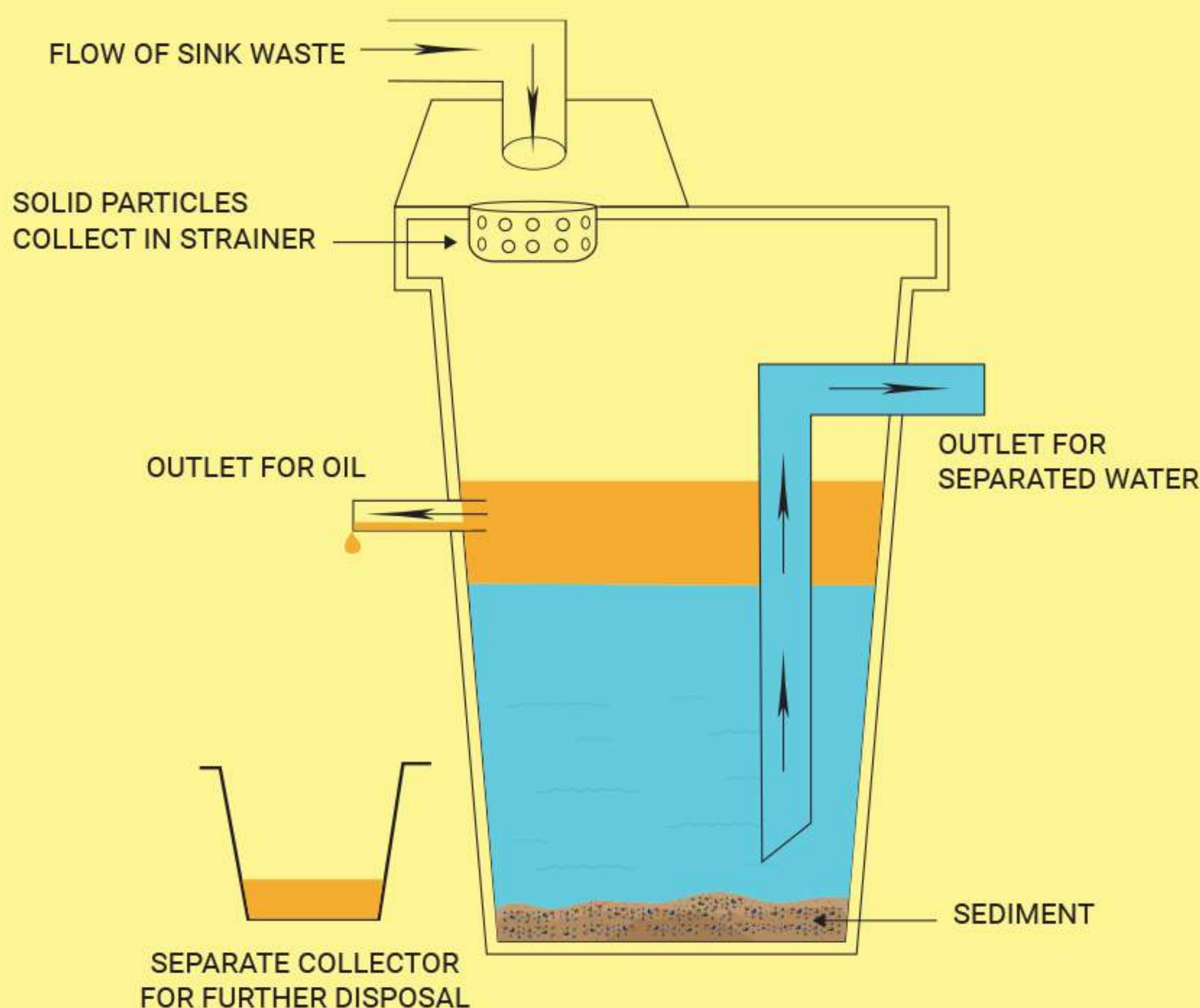


80 ltrs.

410 (dia) x 940 (h)

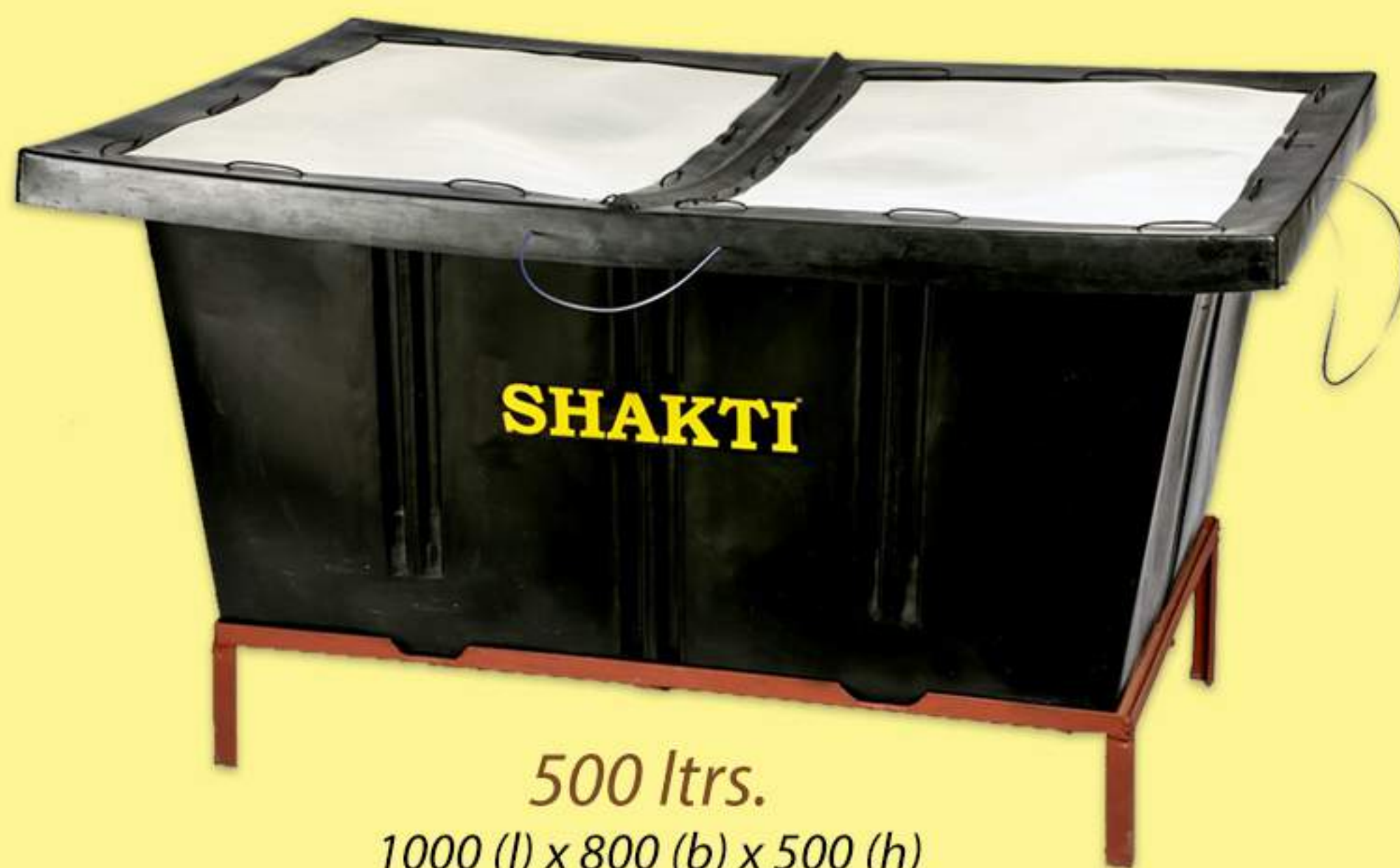
FEATURES:

- Easy to use and install.
- Eliminates holding chamber.
- Strainer is easy to remove and clean.
- Available in 25, 50, 80, 100 and 200 ltrs capacities.
- Capacities can be customized if required.



Schematic Drawing Of The Grease Trap Is For Illustrative Purpose Only.
Scope Of Supply Does Not Include The 'Separate Collector For Further Disposal'

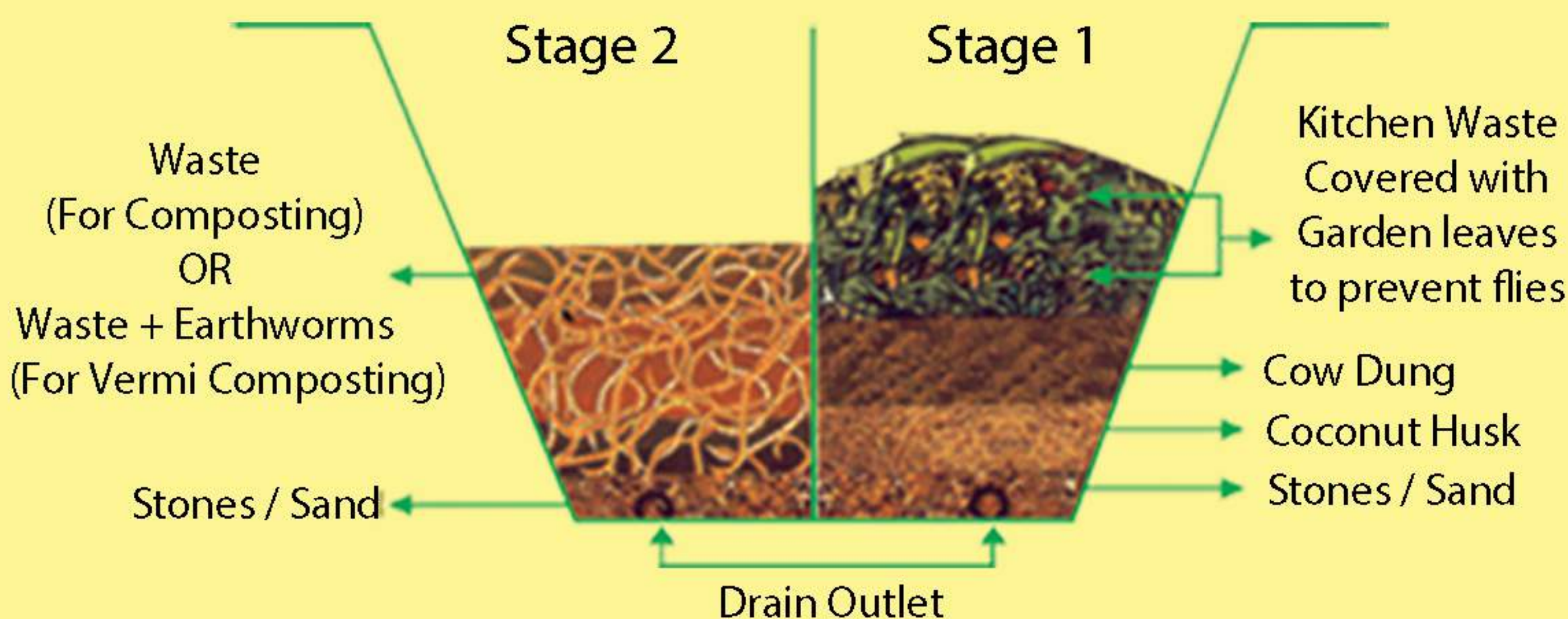
The SHAKTI® Composting Bin is an ideal solution for converting kitchen and garden waste into valuable compost.



ADVANTAGES:

- Easy to install.
- Portable, light and easy to maintain.
- Available in two convenient sizes:-
 - a. 100 Lts : Can put 1 Kg - 1.5 Kgs of wet waste per day.
 - b. 500 Lts : Can put 3 Kgs of wet waste per day.
- Available with a stand.
- The lid has a roped handle.
- Composting can be done, both with worms or without worms.

How To Compost



SHAKTI® light weight and attractive honeycomb storage bins are very handy for industrial and home usage to store components, tools, hardware, material or any other products.



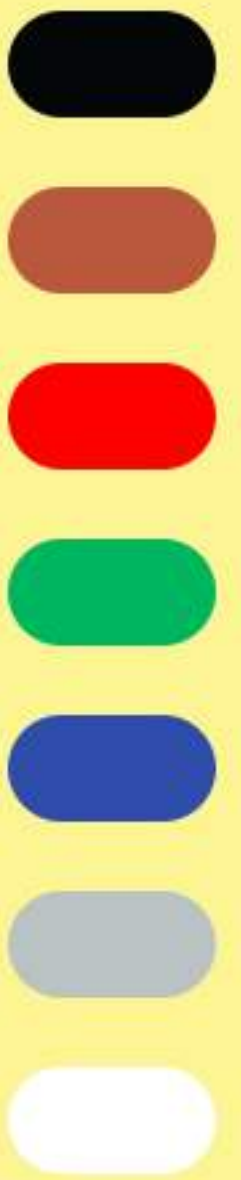
FEATURES AND ADVANTAGES:

- Made of Virgin LLDPE.
- Colourful & elegant
- Hygienic and easy to clean
- Strong sturdy and durable
- Rust free and maintenance free.
- Can be manufactured in various colours, to provide the option of colour coding them for several categories of items stored.
- Can be customised for versatile usage.
- Can be assembled together as per requirement.

SPECIFICATIONS:

- W-250MM H-200MM L-300MM





The SHAKTI® Waste Bins are sturdy and durable.

FEATURES:

- Light, Rust free, sturdy, strong and durable.
- Available in different colours and convenient sizes.
- Can be used outdoors and indoors.

SPECIFICATIONS				
Sr. No.	L*B / Dia in MM	Height in MM	Capacity (Lts)	Features
A (i)	460	940	80	Flat Lid
A (ii)	460	720	80	Flat Lid
B	380 * 280	420	25	Flat Lid
C	430	550	50	Flat Lid
C	510	670	100	Without Handle / Flat Lid
D (i)	420 * 420	890	80	Dome Lid
D (ii)	490 * 490	910	100	Dome Lid
E (i)	660	940	125	Dome Lid
E (ii)	660	625	125	Flat Lid
F	580	650	100	With Handle / Flat Lid

PLANTERS



The SHAKTI® Planters are durable and attractive.

FEATURES:

- Light yet strong, which makes it easy to move them.
- UV protected and therefore can be used both indoors and outdoors.

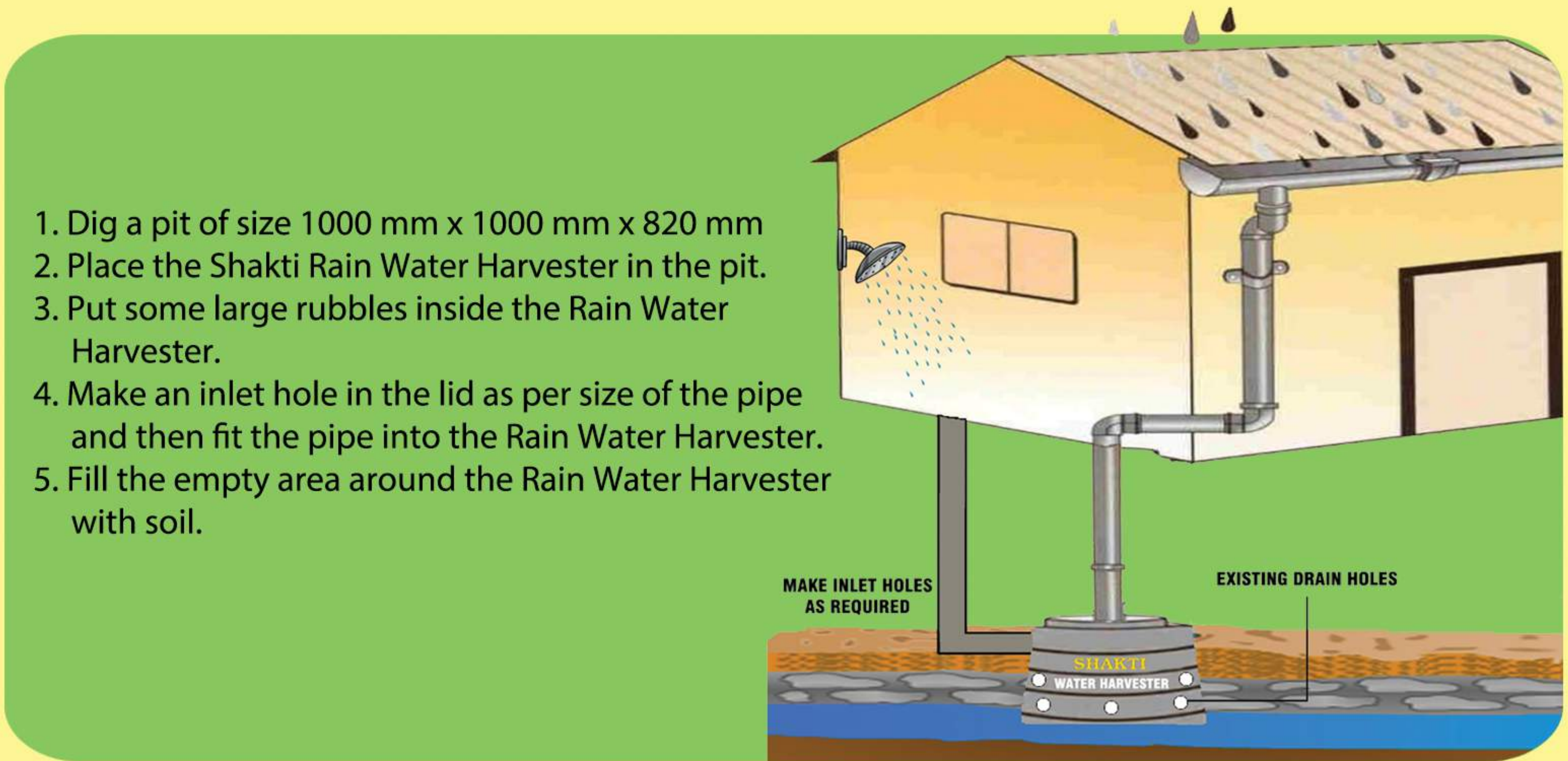
SPECIFICATIONS		
Sr. No.	Product	Dimension in MM (Top Dia x Bottom Dia x Ht.)
1	Small Planter	455 × 220 × 340
2	Big Planter	580 × 365 × 460

RAIN WATER HARVESTER

Do the environment a favour. Use the SHAKTI® Rain Water Harvester to recharge groundwater.

FEATURES:

- Recharges the groundwater levels
- No Storage, No Tanks
- Less investment
- Maintenance free & easy to clean
- Easy to install and use



SPECIFICATIONS

Sr. No.	Product	Dimension in mm			Lid Diameter in mm
		Top Dia	Bottom Dia	Height	
1	RAIN WATER HARVESTER	610	740	815	295

The SHAKTI® Bio Digester gives you an opportunity to produce your own biogas for cooking and other heating needs. It is easy to operate, maintain and is available at an affordable price.

FEATURES AND ADVANTAGES:

- 2.2. cubic metres capacity
- Anti-rotation design: inbuilt design that prevents the gas holder from rotating.
- Plastic encapsulated dead weight: Makes it easier to handle and gives it a better aesthetic look.
- Well designed feeder: The funnel shaped feeder is wide making it easy to feed waste into the digester without spillage. The straight inlet pipe ensures there are no blockages when feeding the waste.
- Waste to be fed: 20 kg per day



ASSESSORIES: • 1 Burner Stove • 10 mts gas pipe • Water Trap • 1/2" Ball Valve

SPECIFICATIONS : SHAKTI BIO DIGESTER*			
Total Capacity : 2.2 Cubic Metres			
Gas Holder		Digester Tank	
Volume :	1 m ³	Volume :	1.2 m ³
Height :	1000 mm	Height :	970 mm
Diameter :	1290 mm	Diameter :	1478 mm
Built in Gas Outlet Size :		1/2 inch dia.	
Dia. of Feeder Pipe :		115 mm dia.	
Size of Overflow Slurry :		4 inch dia.	

*Specifications subject to change

SHAKTI[®] Crates are ideal for industrial use for storage and handling of material.



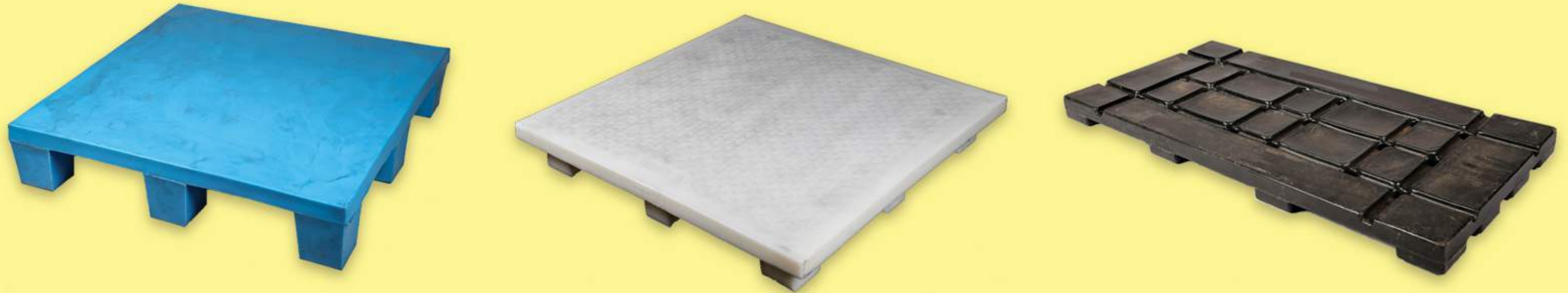
FEATURES AND ADVANTAGES:

- Made from food grade LLDPE.
- Strong, durable, sturdy, long lasting and maintenance free.
- Can be stacked over each other to save space.
- Choice of colours for coding.
- Easy to store and transport.
- Hygienic, non-toxic and anti-rust.
- Design facilitates easy handling and transportation.
- Designs can be customized to specific needs of customers.

SPECIFICATIONS

Sr. No.	Product	Capacity	External Size in MM (L*W*H)	Internal Size in MM (L*W*H)	Features
1	Small Crate	15	390(l) x 278 (b) x 205 (h)	351(l) x 240 (b) x 201 (h)	Stackable
2	Big Crate	50	587(l) x 409 (b) x 280 (h)	340(l) x 345 (b) x 260 (h)	Stackable

SHAKTI® Industrial Pallets are sturdy and reinforced for meeting the most demanding industrial material handling needs. These pallets can be fabricated with different surface finishes and custom made to specification, depending on the application for which they are used. GMI Zarhak Moulders ensures strict quality controls and product design is conceptualised for optimum utility.



FEATURES AND ADVANTAGES:

- Reinforced Pallets made of Virgin LLDPE
- Pallets are of one piece, durable and reusable
- Are detergent resistant and can be UV stabilized
- Pallets can be manufactured to customer specifications
- Can be colour coded/ numbered for identification as required
- Different top surface finishes depending on the application

Sr. No.	PRODUCT	DIMENSIONS (in mm) L*B*H	LOAD BEARING CAPACITY		TARE WT KGS	TYPE (Top Surface)
			STATIC	DYNAMIC		
1	P0606 – 2 way	600(Entry) x 600 x 150	2 MT	1 MT	8	Smooth/ Chequered
2	P1010 – 2 way	1000(Entry) x 1000 x 150	2 MT	1 MT	20	Smooth/ Chequered
3	P1212 – 2 way	1200(Entry) x 1200 x 150	2 MT	1 MT	25	Smooth/ Chequered
4	P1012 – 2 way	1000(Entry) x 1200 x 150	2 MT	1 MT	24	Smooth/ Chequered
5	P1210 – 2 way	1200 (Entry)x 1000 x 150	2 MT	1 MT	24	Smooth/ Chequered
6	P0812 – 2 way	800(Entry) x 1200 x 150	2 MT	1 MT	22	Smooth/ Chequered
7	P1111 – 2 way	1100(Entry) x 1100 x 150	2 MT	1 MT	24	Smooth/ Chequered
8	P0909 – 2 way	900(Entry) x 900 x 150	2 MT	1 MT	18	Smooth/ Chequered
9	P1250 – 2 way	1250(Entry) x 1250 x 150	2 MT	1 MT	27	Smooth/ Chequered/ Barrel Pallet
10	P6512 – 2 way	650(Entry) x 1200 x 160	2 MT	1 MT	15	Smooth
11	P0710 – 2 way	700(Entry) x 1000 x 150	2 MT	1 MT	15	Smooth
12	P1008 – 4 way	1000(Entry) x 800(Entry) x 150	2 MT	1 MT	16	Smooth/ Chequered
13	P1009 – 4 way	900(Entry) x 1000(Entry) x 150	2 MT	1 MT	19	Smooth
14	P1010 – 4 way	1000(Entry) x 1000(Entry) x 150	2 MT	1 MT	20	Smooth/ Chequered
15	P1010 – 4 way	1000(Entry) x 1000(Entry) x 200	2 MT	1 MT	22	Smooth
16	P1212 – 4 way	1200(Entry) x 1200(Entry) x 150	2 MT	1 MT	25	Smooth
17	P1210 – 4 way	1200(Entry) x 1000(Entry) x 150	2 MT	1 MT	24	Smooth/ Chequered
18	P6512 – 4 way	650(Entry) x 1200(entry x 160	500 kgs	500 kgs	15	Smooth/ Barrel Pallet
19	P0606 – 2 way Cold Storage	600(Entry) x 600 x 140	250 kgs	250 kgs	5	COLD STORAGE
20	P1130 – 2 way Cold Storage	1130 x 1130 x 140	500 kgs	500 kgs	15	COLD STORAGE
21	Cold Storage Pallet	940(l) x 460(b) x 55(h)	200 kgs	200 kgs	4	COLD STORAGE

MULTI-PURPOSE TUB

The SHAKTI[®] Multi-purpose Tub can be used for material storage and transport. It is also ideal for Chilling drinks, beers and much more at wedding and party venues.



FEATURES :

- Light and portable.
- Easy to clean and maintain.
- Strong, stable and long lasting.
- UV protected hence can be kept in the sun.
- Height of the bin allows easy access to the contents.
- Lid can be provided.

SPECIFICATIONS

Sr. No.	Product	Dimensions (mm)
1	Multi-purpose Tub	1000 (l) x 800 (b) x 500 (h)