

# SINVAC ROTO

## PRODUCT GUIDE



10 YEAR WARRANTY:

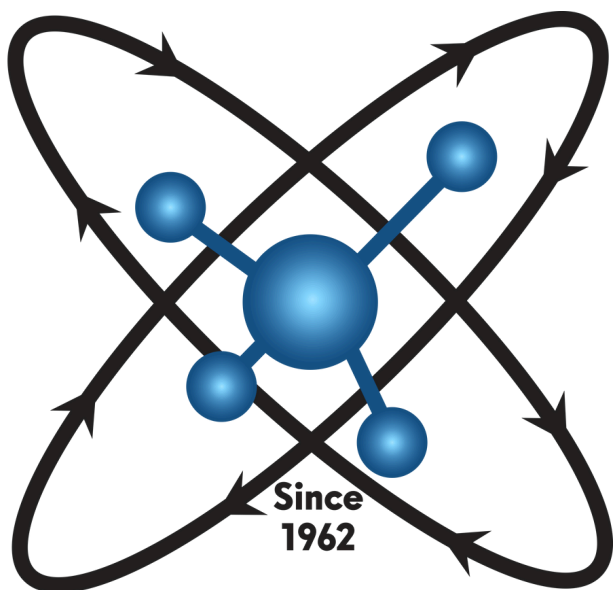
**10**  
YEARS

[INFO@SINVAC.CO.ZA](mailto:INFO@SINVAC.CO.ZA)  
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62 YEARS OF INNOVATION AND EXCELLENCE



# SINVAC ROTO

## LETS GO BACK IN HISTORY

SINVAC ROTO is the oldest roto-moulder in South Africa and was established in 1962 in Pretoria West on the existing site by Mr. Lightbody and Greek partners. The name "Sinvac" was derived from the objective to produce the roto-moulded products and 'SIN' was derived from the sintering process which is part of roto-moulding. Manufacturing equipment was largely imported from the Netherlands and some were added over the years. In 1983 it became BONAR SINVAC PLASTIC and part of the international Bonar Industries group. Bonar later disinvested and in 1993 Dr. Hans Luthy bought the business and managed it up to 2003 when it was sold to the existing owners. Dr. Luthy remained with the business up to February 2005.

The history and good name of Sinvac Roto continue into the entity SINVAC ROTO (Pty) Ltd owned by a group of engineers, employees and BEE shareholders. The main focus of this entity is the marketing, manufacturing and distribution of roto-moulded and other plastic products in South Africa and other countries. The majority of the manufacturing is done in the manufacturing entity which had to be redesigned, reconfigured and new technology was also introduced and quality systems upgraded. SINVAC ROTO operates as part of a group specialized in raw material manufacturing, plastic extrusion, plastic and steel fabrication, mining projects and other industrial activities.

SINVAC's vision is to provide quality products and solutions to its customers. World-class manufacturing standards and innovative production techniques allow SINVAC to provide products to customer requirements. SINVAC caters to a boutique that produces for the requirements of small orders but also has the capacity to deliver big-volume contracts. Lead time in the boutique section of Express Lane. SINVAC hosts and/or owns a total of about 450 moulds. Many of these are custom moulds for specific customers and are not shown in the brochure or at the Factory Shop. The popular items are kept in stock for even shorter lead times than above and on special arrangements with customers, the stock is kept for them. Deliveries in the Johannesburg and Pretoria area are made on a regular basis for customers convenience.

SINVAC operates from the factory premises in Pretoria West and has a Sales & Marketing team, Factory Shop and a full production unit based there. Visit the factory shop as you can interact with the Sales & Marketing team as well as the technical and manufacturing team. You can also view the existing product range and our experienced staff can help you to create your own custom product.



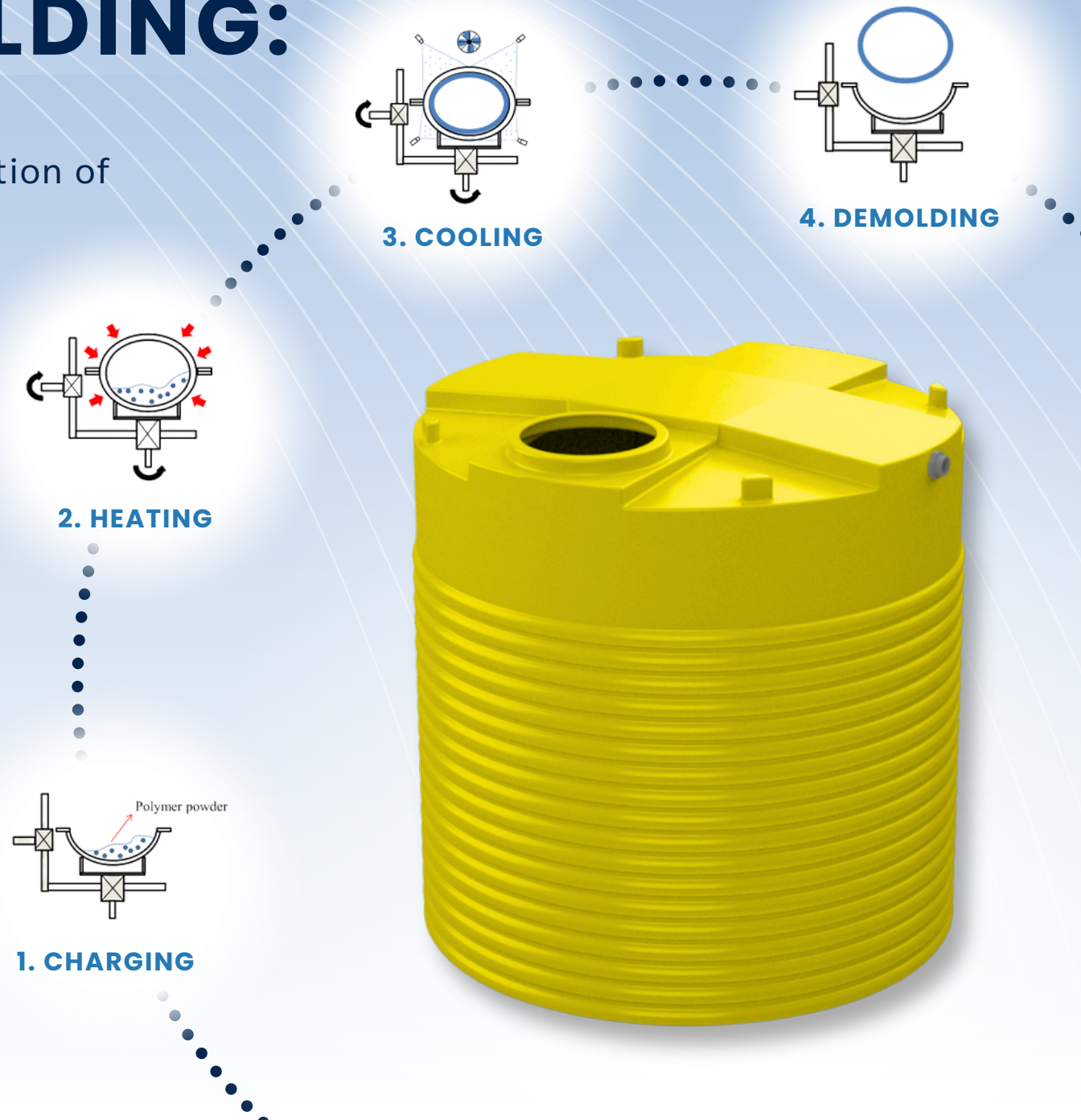
# THE PROCESS OF ROTATIONAL MOULDING:

The manufacturing method entails the introduction of a quantity of plastic raw material in a powder form into a hollow mould. The mould is then rotated around two axes whilst it is heated. The rotation is at low speeds.

Once the raw material or plastic is heated in the enclosed mould it adheres to the mould surface in what is called a monolithic layer.

To ensure the desired mould shape is maintained the rotation of the mould continues throughout the cooling process.

When the plastic cooled and is adequately stiff, the product is ready for removal from the mould.



# WHY ARE **ROTATIONAL** **MOULDED** TANKS MADE FROM **LLDPE**?

1

Low input cost for  
mould/tool manufacturing.

2

High impact resistance.

3

High resistance to chemicals.





# TABLE OF CONTENT

T	Tanks
TH	Horizontal tanks
B	Bin/container
TM	Traffic management
H	Hopper
L	Lid

## Product codes

### 1. TANKS

- Septic Digester tanks
- Horizontal tanks
- Water tanks

### 2. CHEMICAL AND INDUSTRIAL

- **Chemical Tanks**
  - Straight sides / loose lids
  - Enclosed / Step tanks
  - Fuel tanks
  - Chemical tanks
- **Containers/Bins**
  - Bins – Electroplating
  - Waste & Enviromental bins
  - Stackable bins
  - Nesting bins and trays
- **Pontoons**
- **Traffic Management**
- **Hoppers**
- **Lockers**
- **Aquaculture**
  - Large rectangular tanks
  - Tubs
- **Logistics/Storage**
  - Pallets
  - Cargo protectors
  - ICC – intermediate chemical containers

### 3. PETS AND AGRICULTURE

- **Agriculture**
  - Sheep/Nyala Feeder
  - Sable Gravity Feeder
  - DT10 Water Trough
  - DT30 Water Trough
  - DT500 Water Trough
  - DBL4 Drinking Bowl
  - DBL Drinking Bowl
  - Cattle Foot Bath
  - Sheep Foot Bath
  - Wheelbarrow
- **Pets**
  - Igloo Kennel (5 Sizes)
  - Tuscan Kennel (4 Sizes)
  - Dog On Tap Water Drinker
  - Water Fountain
  - K9 Vendor 8Kg
  - Fly Cosy Kennel (2 Sizes)

### 4. PRODUCTS DESIGN AND DEVELOPMENT

### 5. WARRANTY

## Colour Pallet



Barrier Yellow



Sinvac Blue



Dove Grey



Traffic Red



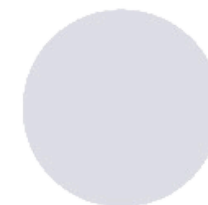
Standard Green



Royal Blue



Brown Beige



Natural



Danger Orange



Pitch Black

# 1. TANKS

## Benefits of Rotational Moulding:

Within this industry, horizontal tanks are used to store and transport liquid fertiliser chemicals, water, and other liquid agricultural chemicals such as pest control applications. Horizontal tanks are typically smaller sized tanks.



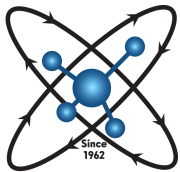
### BELOW GROUND SEPTIC TANKS

CAPACITY IN LITRES	DIMENSIONS IN MM DIAM x HEIGHT
1000	1478 x 1050 x 1107
1500	1647 x 1103 x 1210
2400	1670 x 1309
3000	1700 x 2000
4000	1700 x 2150
5000	2000 x 2020



### HORIZONTAL TANKS

CAPACITY IN LITRES	DIMENSIONS IN MM DIAM x HEIGHT , SUMP (APPROX)
<b>HORIZONTAL TANKS</b>	
1000	Hor 1140 x 840 + 25mm sump
2500	2050 x 1517 x 1220
5000	2575 x 2150 x 1500
<b>HORIZONTAL TANKS WITH BASE LEGS</b>	
650	1100 x 1000 x 1000
1000	1478 x 1050 x 1107
1500	1648 x 1103 x 1210



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### FUEL/WATER TANKS

CAPACITY IN LITRES	DIMENSIONS IN MM DIAM x HEIGHT
28	400 x 400 x 180
33 Jeep	620 x 480 x 160
33	520 x 365 x 192
35 with spout	800 x 300 x 150
46	495 x 400 x 250
50	1245 x 300 x 150
55	610 x 310 x 310
56	1000 x 380 x 160
64	800 x 400 x 200
69 Pentagon	885 x 298 x 300/225
70	930 x 460 x 180
75	910 x 450 x 200
80	1850 x 300 x 150
80	450 x 450 x 450
82	1300 x 400 x 170
90	670 x 415 x 350
90	950 x 400 x 250
95	1050 x 550 x 180
100	720 x 569 x 270
130	940 x 380 x 400
260	700 x 600 x 700
300	1120 x 655 x 435
360	1500 x 550 x 450
560	1200 x 700 x 700
560	1440 x 614 x 662



## WATER TANKS

CAPACITY IN LITRES	DIMENSIONS IN MM DIAM x HEIGHT
300	765 x 815
500	865 x 1055
1000	835 x 2075
1200	940 x 1760
1000	1115 x 1260
2200	1335 x 1635
2700	1485 x 1780
5000	1815 x 2030
10 000	2306 x 2665
Pump Cover	W 360 X H 535 X L 605

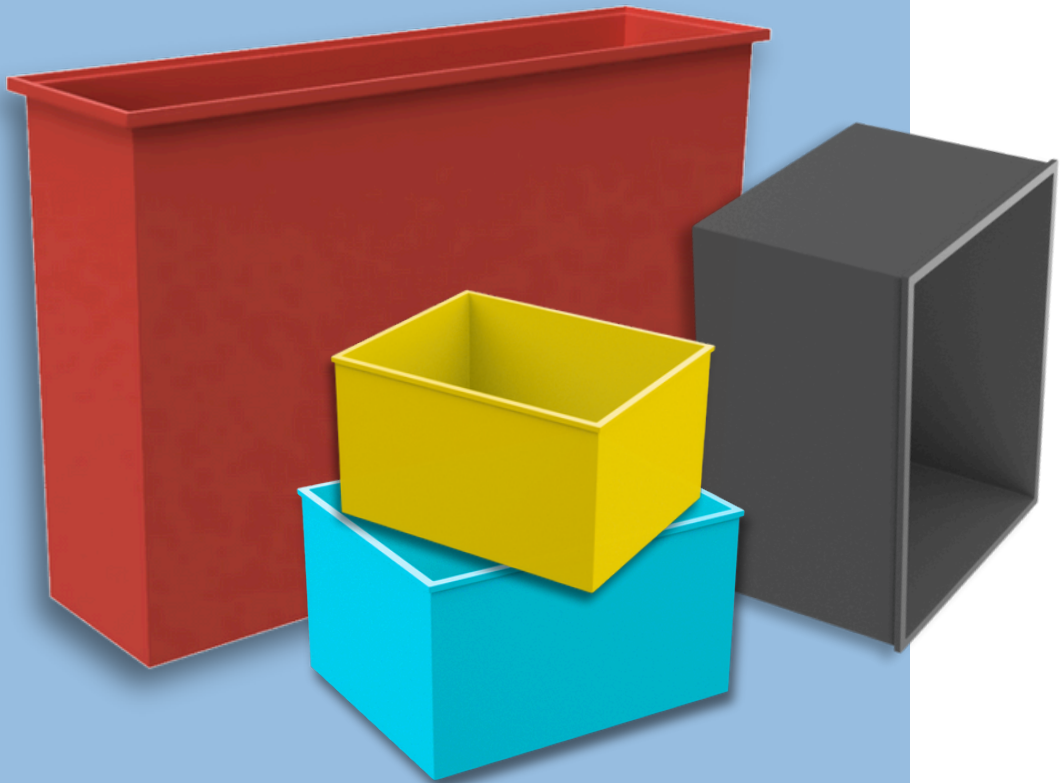




# 2. CHEMICAL AND INDUSTRIAL

## Benefits of Rotational Moulding:

Corrosion resistance : Simply put, plastic cannot rust. Even stainless steel products are susceptible to rust in welded spots.



### STRAIGHT SIDES AND LOOSE LIDS

DESCRIPTION	CAPACITY IN LITRES	DIMENSIONS IN MM DIAM x HEIGHT
27L Rectangular Bin	27	465 x 110 x 625
31L Rectangular Bin & Lid	31	405 x 260 x 300
32L Rectangular Bin	32	570 x 340 x 180
34L Rectangular Bin AZ	34	450 x 325 x 285
42L Rectangular Bin	42	550 x 450 x 195
56L Rectangular Bin	56	615 x 315 x 335
58L Rectangular Bin	58	580 x 350 x 320
79L Rectangular Bin	79	570 x 450 x 330
79L Rectangular Bin (with lid)	79	570 x 450 x 330
98L Rectangular Bin	98	820 x 320 x 400
100L Rec Tray - Z-shape - 10cm H	100	1420 x 760 x 100
100L Rec Tray - Z-shape - 15cm H	100	1270 x 640 x 155
100L Rec Tray (no lid) - U-shape	100	705 x 560 x 388
113L Rectangular Bin	113	560 x 440 x 460
120L Rectangular Tray	120	840 x 840 x 200
120L Rectangular Bin	120	600 x 350 x 600
168L Rectangular Bin	168	700 x 300 x 800
172L Rectangular Bin	172	480 x 480 x 810
200L Rectangular Bin	200	600 x 600 x 635
230L Rectangular Bin	230	1500 x 720 x 220
375L Rectangular Bin	375	1050 x 610 x 610
450L Rectangular Bin with lid	450	1000 x 702 x 645
450L Rec Bin (no lid) - Z-shape	450	1000 x 702 x 1025
450L Rectangular bin with ribs	450	1375 x 600 x 550
720L Rectangular bin	720	1200 x 750 x 820
750 Rectangular bin	750	1110 x 650 x 1100
1000L Rectangular Bin +3kg	1000	1500 x 1000 x 680
1000L Rectangular Bin - correct	1000	1500 x 1000 x 680
1000L Rectangular Bin (with lid)	1000	1500 x 1000 x 680
1000L Square Bin (with lid) - correct	1000	1000 x 1000 x 1000
1500L Rectangular Bin	1500	2500 x 600 x 1000
2200L Rectangular Bin	2200	2000 x 1000 x 1100
5000L Rectangular Bin	5000	4500 x 1000 x 1100



## ENCLOSED TANKS

CAPACITY IN LITRES	DIMENSIONS IN MM DIAM x HEIGHT
22	343 x 280
45	343 x 545
70	385 x 615
115	545 x 535
135	545 x 625
185	545 x 845
230	545 x 1045
250	550 x 1100
315	600 x 1 090
450	750 x 1080
565	915 x 915
1000	1 180 x 1 000
1300	1 165 x 1300
2000	1 270 x 1850
3000	1400 x 2360
3000	1400 x 2360
4500	1700 x 2430



## STEP TANKS

CAPACITY IN LITRES	DIMENSIONS IN MM DIAM x HEIGHT
120	510 x 750 (+step 70)
235	570 x 950 (+ step 70)
500	745 x 1210 (+ step 70)



## STRAIGHT SIDES AND LOOSE LIDS

CAPACITY IN LITRES	DIMENSIONS IN MM DIAM x HEIGHT
22	343 x 300
45	345 x 570
54	374 x 492
70	387 x 665
100	500 x 575
100	450 x 735
115	545 x 555
135	545 x 650
185	545 x 870
200	545 x 935
230	545 x 1070
250	700 x 700
300	700 x 900
315	600 x 1090
450	740 x 1100
565	915 x 915
570	890 x 970
680	915 x 1100
1000	1180 x 1000
1300	1165 x 1245
2000	1270 x 1850
3000	1400 x 2000
3000	1400 x 2000
3000	1400 x 2000
4500	1700 x 2000
4500	1700 x 2000
4500	1700 x 2000



## FUEL TANKS FOR BOATS

CAPACITY IN LITRES	DIMENSIONS IN MM DIAM x HEIGHT
70	930 x 460 x 180
75	910 x 450 x 200
95	1140 x 450 x 200
100	1190 x 460 x 190
105	1210 x 550 x 190
150	1210 x 550 x 260



## CHEMICAL TANKS

CAPACITY IN LITRES	DIMENSIONS IN MM DIAM x HEIGHT
300	765 x 815
300	765 x 815
500	865 x 1055
500	865 x 1055
1000	1115 x 1260
1000	1115 x 1260
2200	1335 x 1635
2200	1335 x 1635
2700	1485 x 1780
2700	1485 x 1780
5000	1815 x 2030
5000	1815 x 2023
10 000	2306 x 2665
10 000	2306 x 2665

**SG =** Specific gravity

**TAKE NOTE:** Any tank can be made SG 1.4 or SG 1.6 by just adding more plastic.



## ELECTROPLATING BINS

DESCRIPTION	CAPACITY IN LITRES	DIMENSIONS IN MM DIAM x HEIGHT
34L Rectangular Bin (with lid)	34	450 x 325 x 285
140L Rectangular Bin (with lid)	140	540 x 440 x 620
230L Rectangular Bin (with lid)	230	1100 x 480 x 485
400L Rectangular Bin (with lid)	400	930 x 500 x 900
448L Rectangular Bin (no lid)	448	800 x 700 x 800
450L Rectangular Bin (no lid)	450	1375 x 600 x 550
500L Rectangular Bin (with lid)	500	1120 x 710 x 725
670L Rectangular Bin (no lid)	670	2000 x 350 x 960
1000L Rectangular Bin with Lid	1000	1500 x 1000 x 680
1500L Rectangular Bin (no lid)	1500	2500 x 600 x 1000



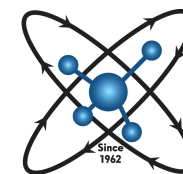
## WASTE & ENVIRONMENTAL BINS

DESCRIPTION	CAPACITY IN LITRES	DIMENSIONS IN MM DIAM x HEIGHT
WB240L/ Wheelie bin	240	580 x 725 x 1075
ENVIROBIN (with Inner)	400	590 x 590 x 1100

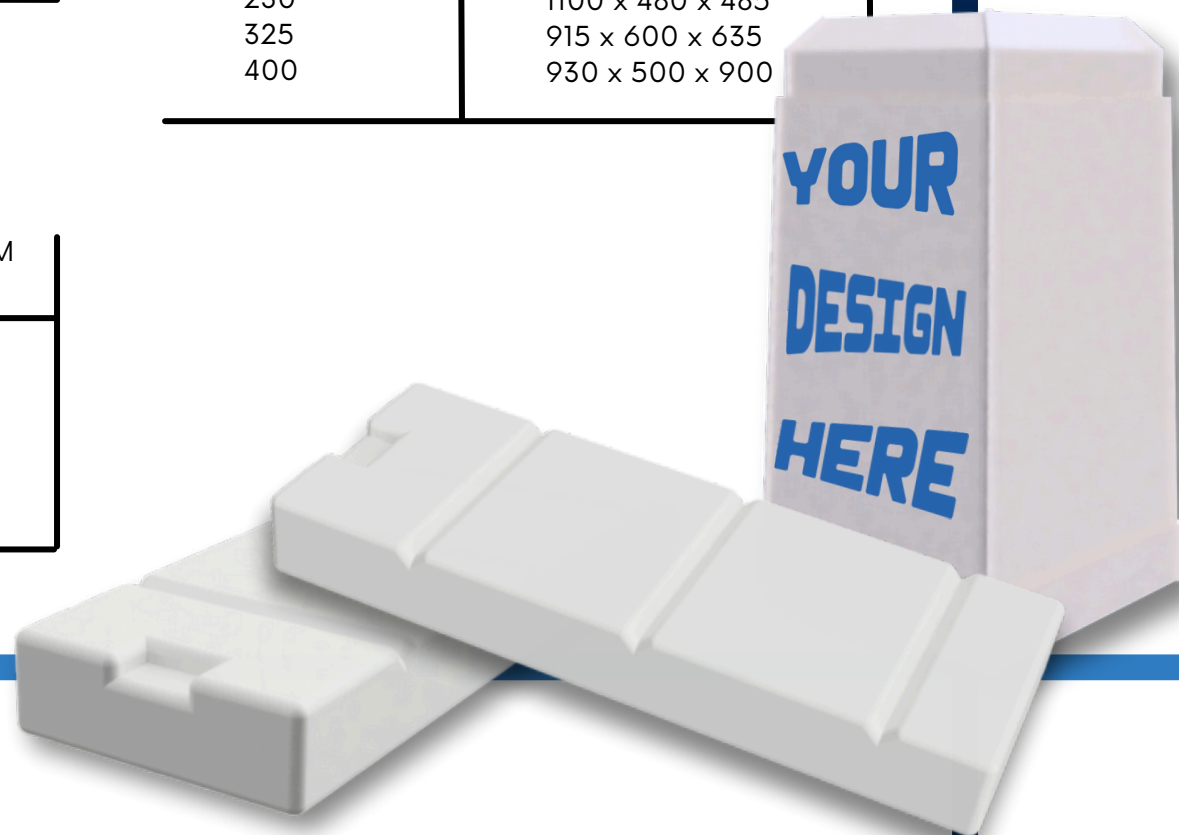


## STACKABLE BINS

CAPACITY IN LITRES	DIMENSIONS IN MM DIAM x HEIGHT
15	460 x 300 x 150
25	490 x 260 x 220
33	385 x 385 x 280
52	385 x 385 x 419
72	675 x 360 x 330
105	710 x 510 x 315
115	915 x 450 x 300
134	910 x 510 x 315
135	1100 x 260 x 485
195	800 x 500 x 450
230	1100 x 480 x 485
325	915 x 600 x 635
400	930 x 500 x 900



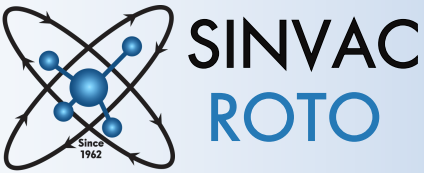
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**ROTO**







## NESTING/LAUNDRY BINS

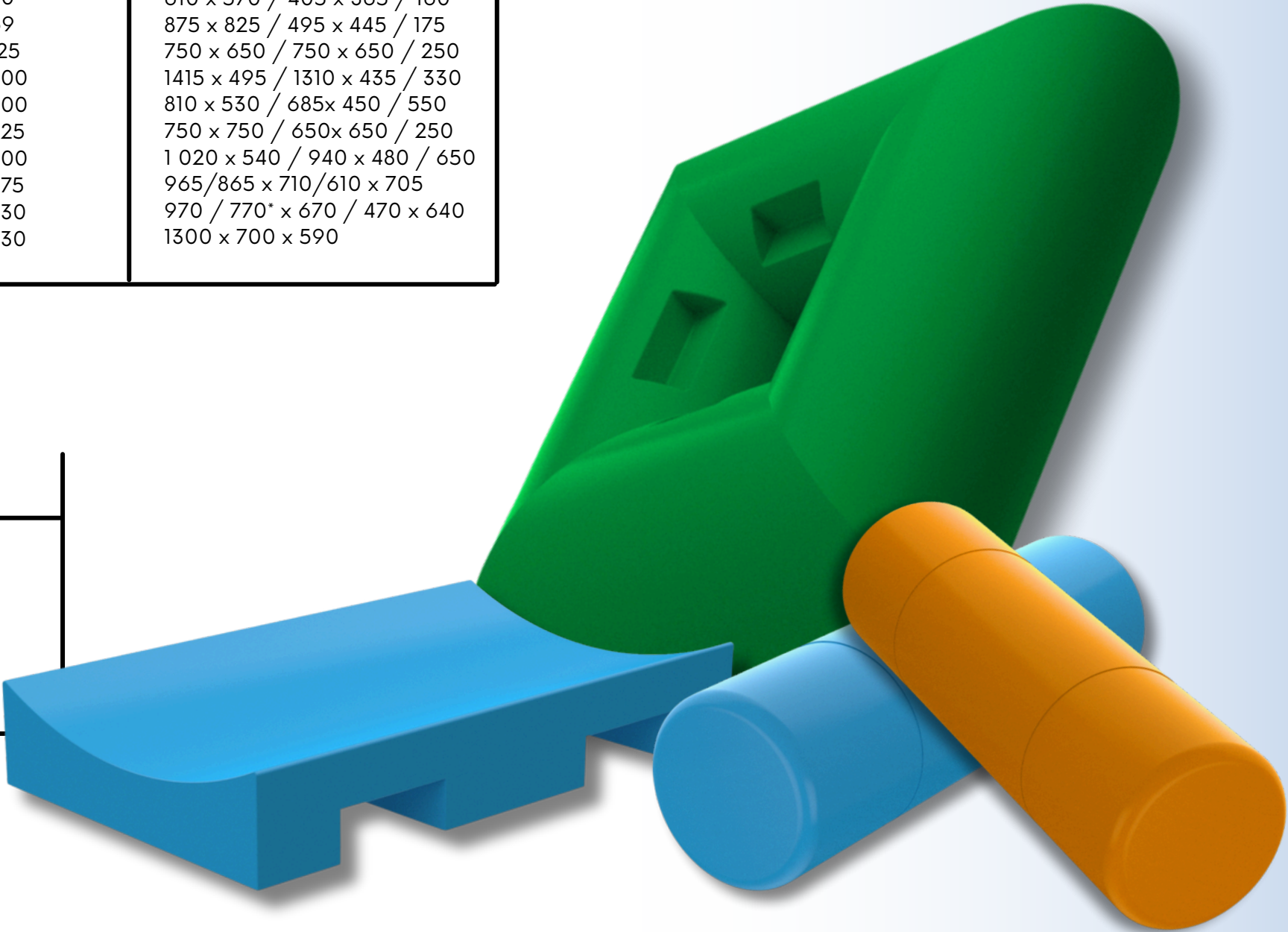


DESCRIPTION	CAPACITY IN LITRES	DIMENSIONS IN MM DIAM x HEIGHT
30 L Nesting Bin	30	610 x 570 / 405 x 365 / 160
69L Nesting bin	69	875 x 825 / 495 x 445 / 175
125L Nesting bin	125	750 x 650 / 750 x 650 / 250
200L Nesting bin	200	1415 x 495 / 1310 x 435 / 330
200L Nesting bin	200	810 x 530 / 685x 450 / 550
225L Nesting bin	225	750 x 750 / 650x 650 / 250
300L Nesting bin	300	1 020 x 540 / 940 x 480 / 650
375L Nesting Bin	375	965/865 x 710/610 x 705
230L Sinvac Laundry Bin (Medium)	230	970 / 770* x 670 / 470 x 640
230L Sinvac Laundry Bin (Large)	230	1300 x 700 x 590



## PONTOONS

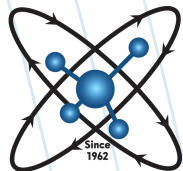
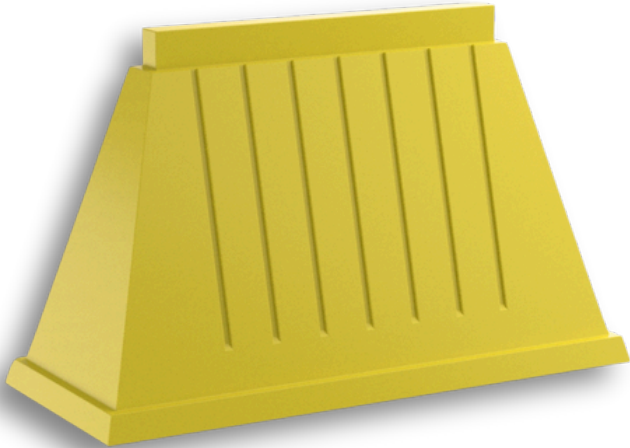
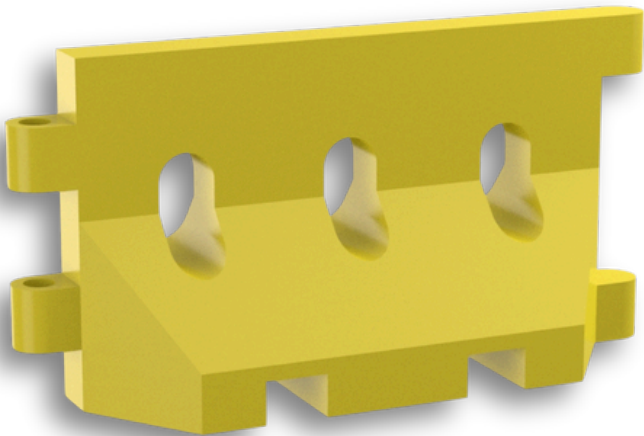
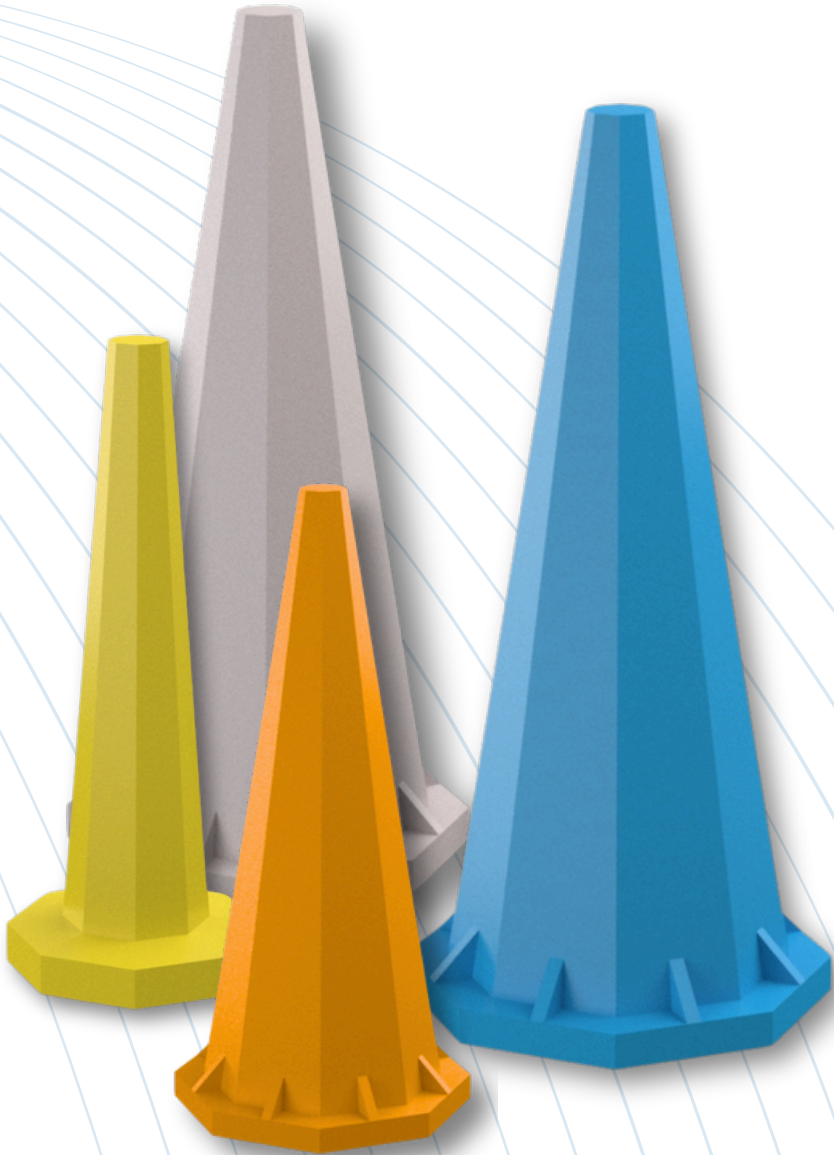
DESCRIPTION	DIMENSIONS IN MM DIAM x HEIGHT
2m Pontoon	2160 x 600
Square Pontoon	1200 x 1200 x 490
1.2m Pontoon	1200 in length x 500
Small Drum Pallet	1050 x 590 x 220
512mm Bouy Ball	
Rectangular Pontoon	590 x 890 x 1100



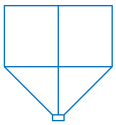


# TRAFFIC MANAGEMENT

	DESCRIPTION	DIMENSIONS IN MM DIAM x HEIGHT
CONES	1.8m Cone	800 x 1800
	1m Cone	600 x 1000
	75cm Stackable Cone	290 x 750
	90cm Cone with Ad space	400 x 900
	45cm 3 Sided Traffic Cone	250 x 250
	Traffic Sign Cone Cap	695 (dia) x 185 x 990
BARRIERS	1 meter Stackable Economic Barrier	1000 x 500 x 900
	Stackable Economic Barrier Link	1100 x 200 x 500
	New Jersey Stackable and Water Filled	1600 x 650 x 900
	Eco Light Water Filled / Non-stackable Barrier	1600 x 650 x 900
	Eco Light Stackable / Non-waterfilled Barrier	1600 x 650 x 900
	90 Degree Road Barrier	2000 x 600 x 950
	Bullnose	1200 x 1400 x 1000
	Bullnose Extention	800 x 1400 x 1000



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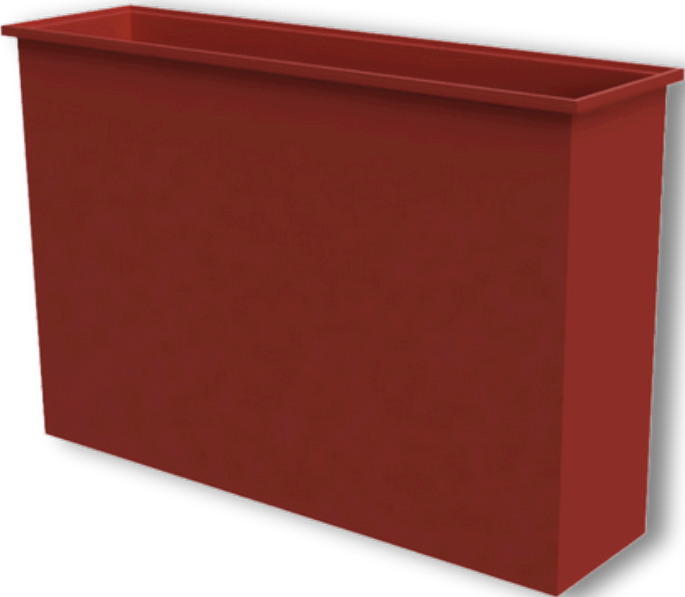


# HOPPERS

CAPACITY IN LITRES	DIMENSIONS IN MM	DESCRIPTION
50	430 x 630 deep	Fish Feeder Hopper with Lid
180	500 x 600 x cone 730	Hopper with conical base and 50mm outlet spout . With lid D135
320	700 x 638 x cone 636	25mm male treats at the cone lid. Ball valve.
480	900 x 900 x 375 + cone 695	Rectangular Hopper with D100 outlet flange.
680	1120 x 905 x 380 + cone 650	Rectangular Hopper outlet D 300
750	950 x 980 x cone 470(45 degr)	Hopper with conical base and 115mm outlet spout. With lid
1000	1220 x 800 x cone 450(45 degr)	Hopper, conical base, 50mm spout (male thread).
2000	1220 x 1800 x cone 450(45 degr)	Hopper, conical base, 50mm spout (male thread).
5000	2000 x 1900 x cone 414 (22.5 degr)	Hopper, conical base, 50mm outlet spout. 450mm manhole.



# AQUACULTURE



## RECTANGULAR

CAPACITY IN LITRES	DIMENSIONS IN MM L X W X H
1400	2550 x 900 x 600
2800	4200 x 850 x 800

## ROUND

CAPACITY IN LITRES	DIMENSIONS IN MM DIAM x HEIGHT
500	AT500
1500	AT1500U/



These are excellent products  
to use as grow dams for fish

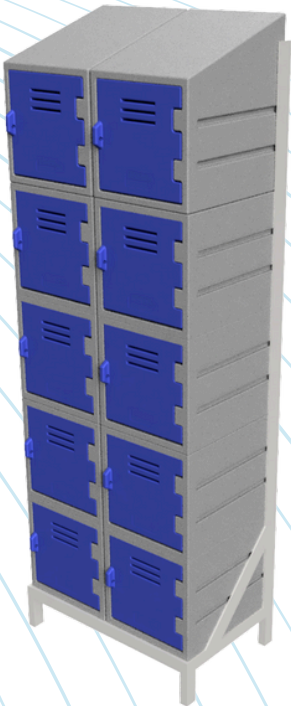




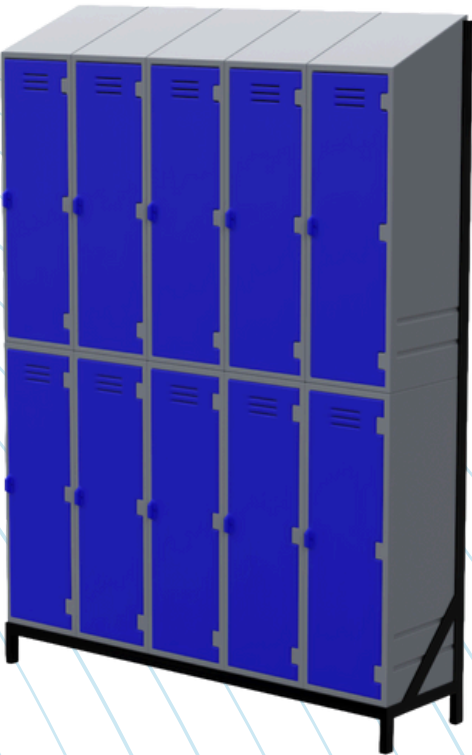
# LOCKERS

ITEMS	DESCRIPTION	MEASUREMENTS (Width x Height x Depth)
FOOD LOCKER FOOD LOCKER	COMPELTE FOOD LOCKER - FLAT TOP COMPELTE FOOD LOCKER - SLANTED TOP	310 X 300 X380 310 X 430 X 380
CLOTHING LOCKER CLOTHING LOCKER CLOTHING LOCKER	COMPELTE FOOD LOCKER - FLAT TOP COMPELTE FOOD LOCKER - SLANTED TOP CLOTHING LOCKER SHELF	310 X 940 X 380 310 X 1060 X 380 -
SPORTS LOCKER SPORTS LOCKER	SPORTS LOCKER SPORTS LOCKER SHELF	510 X 1530 X 525 -
TIERED LOCKER TIERED LOCKER TIERED LOCKER TIERED LOCKER	6 TIER LOCKER 4 TIER LOCKER 3 TIER LOCKER 2 TIER LOCKER	310 X 1940 X 380 310 X 1940 X 380 310 X 1940 X 380 310 X 1940 X 380

Silver frame

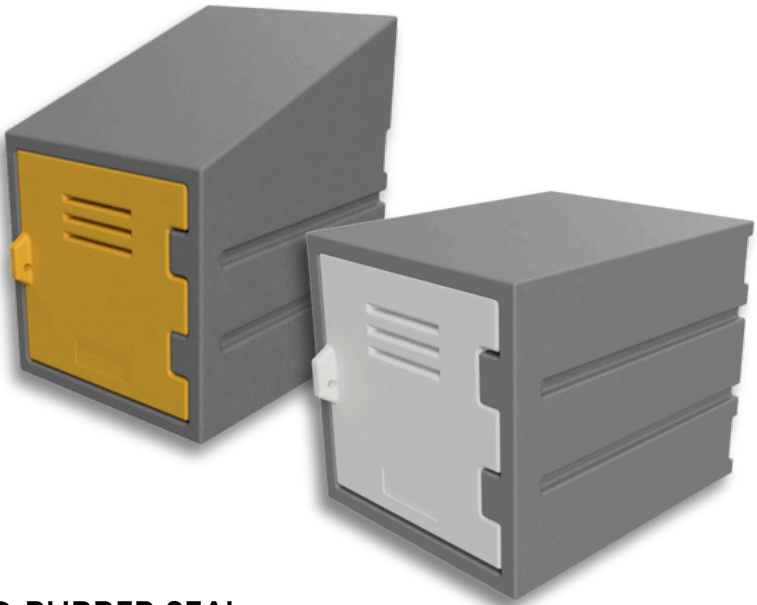


Black frame

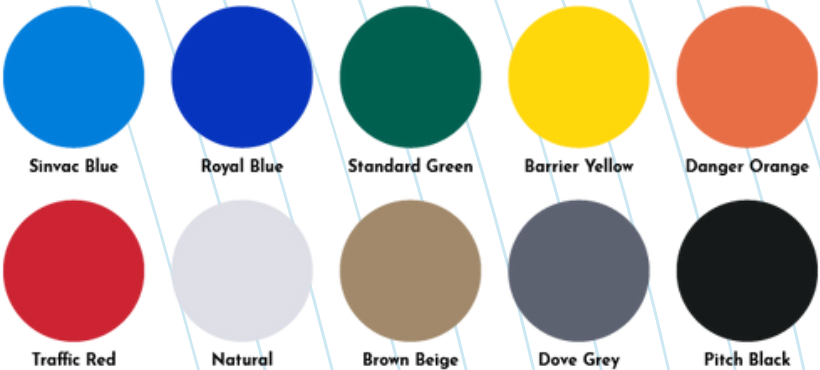


# FITTINGS

- SPINWELDS PE
- TANK CONNECTORS
- HOSE ADAPTORS
- GATE VALVE
- MANHOLES WITH SEAL
- STOPCOCKS
- REPAIRS/SERVICES/OTHER
- PLUGS
- HANDLES
- BALL VALVES
- NIPPLES
- SCREWCAPS WITH THREAD AND RUBBER SEAL



We can customize the colour of the lockers to match your company profile

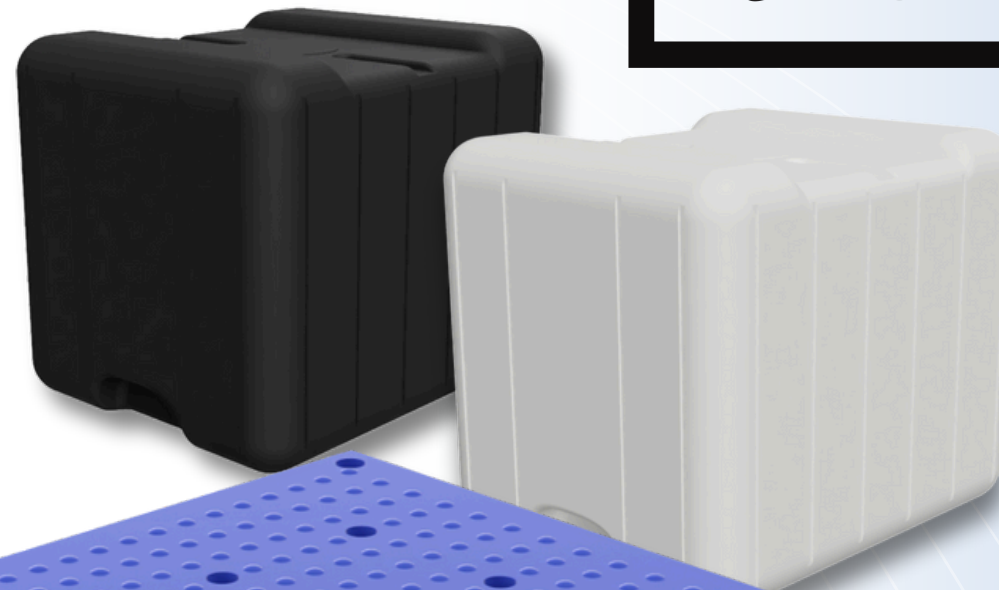




## LOGISTIC/STORAGE

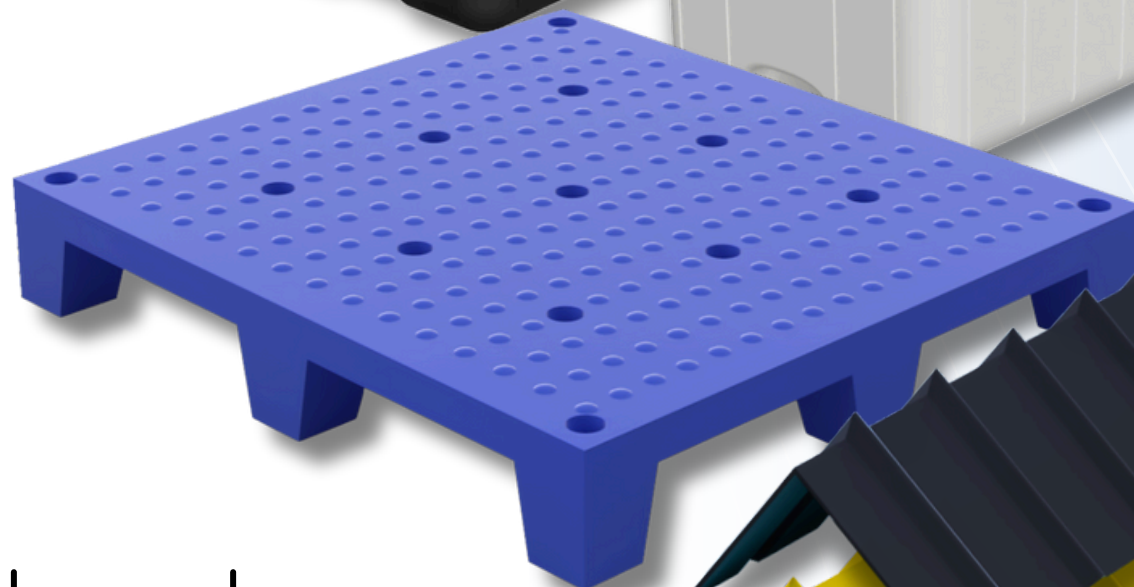
### CARGO POTECTOR

PRODUCT	DIMENSIONS IN MM HEIGHT LAST
CARGO PROTECTOR	1000 X 200 200
CARGO PROTECTOR	2000 X 200 X 200



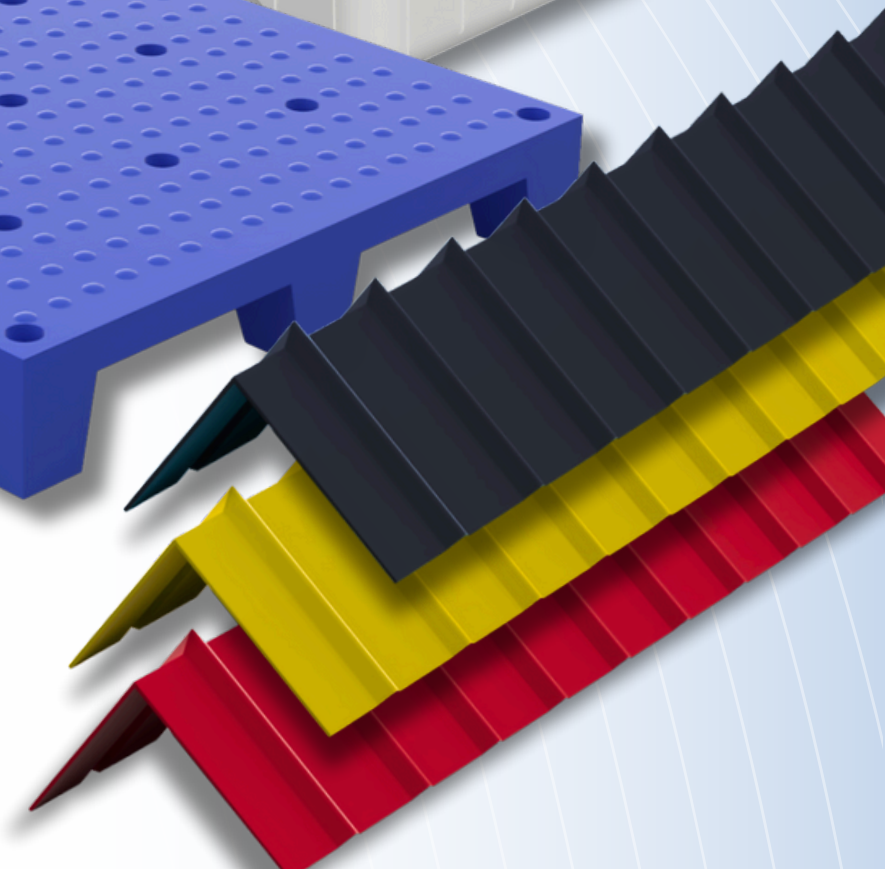
### IBC - INTERMEDIATE BULK CONTAINER

CAPACITY IN LITRES	DIMENSIONS IN MM L X W X H
1000	1020 X 1020 X 1170 ICC WITH FRAME



### PALLETS

SIZE IN MM	LOAD CAPACITY	SURFACE	ENTRY	PRODUCT WEIGHT
1200 X 1100	3 TONS	NO SLIP	FOURWAY: FORKLIFT AND PALLET JACK	23KG





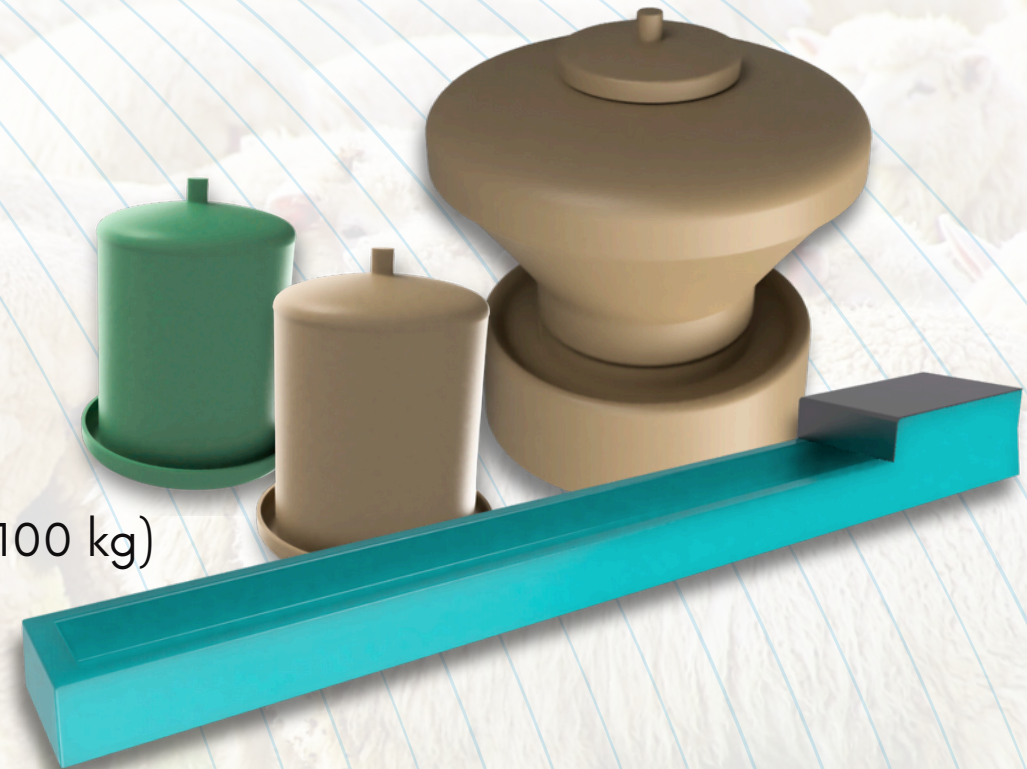
# 3. PETS AND AGRICULTURE



## SINVAC AGRICULTURE

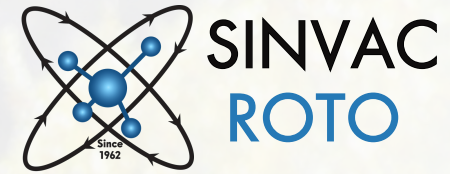
AGRICULTURAL products we offer:

- Buffalo Gravity Feeder
- Buffalo Auto Feeder
- DT500 Water Trough
- DT 2000 Water Trough
- DBL 7 Nose Fill Drinker
- EQ1 Horse Feeder
- EQ2 Corner Feeder
- Sheep Drinker - 5 Teat
- Calf Drinker - 5 Teat
- Creep Feeding Grid
- Measuring Bowl
- Wheelbarrow
- hygiene carpets
- Large Food Container (100 kg)





# 3. PETS AND AGRICULTURE

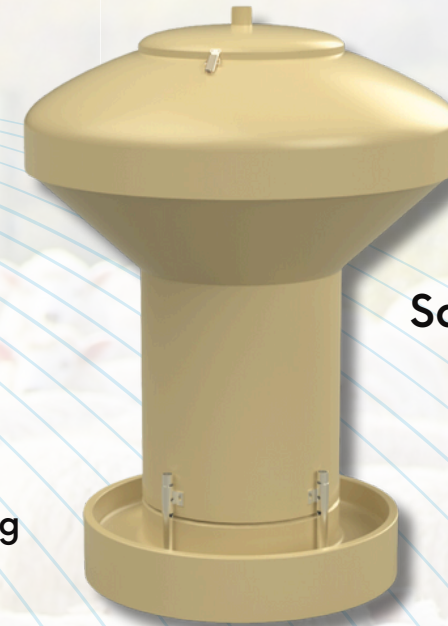


## Sheep/Nyala:



- Height: 109cm
- Top Diameter: 116cm
- Bowl Diameter: 94cm
- Capacity: Up to 150 kg
- Gravity feeder System
- UV Resistant
- Savings in labor, time and fuel
- Feed protected from contamination
- Feed Protected from Adverse Weather whilst in silo

## Sable Auto Feeder:



- Height: 155 cm
- Top Diameter: 116 cm
- Bowl Diameter: 94 cm
- Capacity: Up to 150 kg
- Auto feeder System
- UV Resistant
- Solar- Powered battery pack
- Controlled Feeding times ( Up to 6 times per day )
- Amount of feed dispensed controlled by timer

## Sable Gravity Feeder:

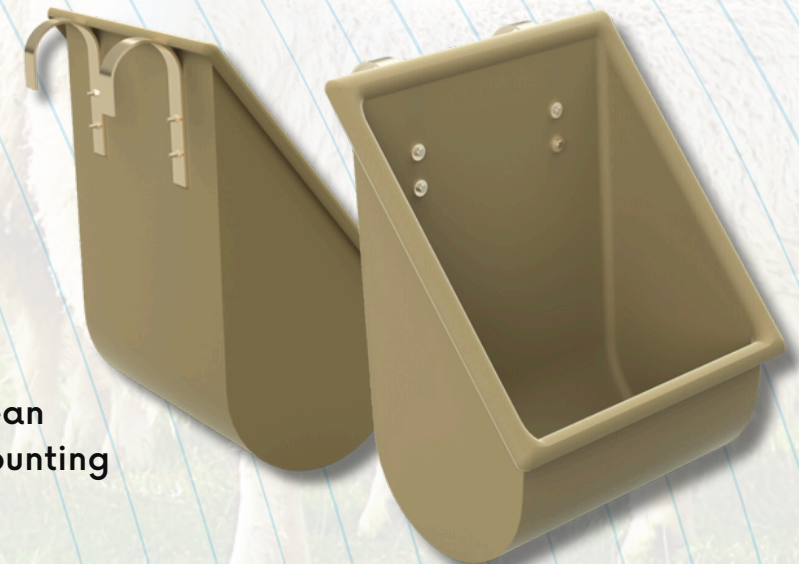
- Height: 155 cm
- Top Diameter: 116 cm
- Bowl Diameter: 94 cm
- Capacity: Up to 300 kg
- Gravity feeder System
- UV Resistant
- Refill once weekly
- Easy to transport

## Chicken Feeder:



- Adjustable Height: 74 cm - 85 cm
- Bowl height: 8cm - 22 cm
- Bowl Diameter: 74 cm
- Capacity: Up to 100 kg
- UV Resistant
- Savings in labor, time and fuel
- Feed protected from contamination
- Adjustable height for chicks 3 days to mature

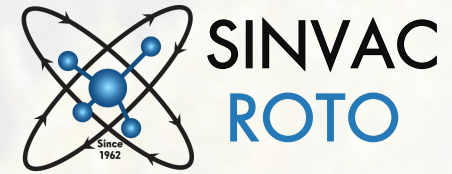
## Gate Feeder:



- Length: 152 cm
- Front Height: 70 cm
- Back Height: 39 cm
- Width: 21 cm
- UV Resistant
- 5 Years Guarantee
- Durable and Easy to clean
- Fitted with hooks for mounting



# 3. PETS AND AGRICULTURE



## DBL4 Water Through:

- Height: 330 mm
- Length: 25mm
- Width: 22 mm
- Wall mounted
- UV Resistant
- Fitted with Ball Valve
- Capacity: 4 liters



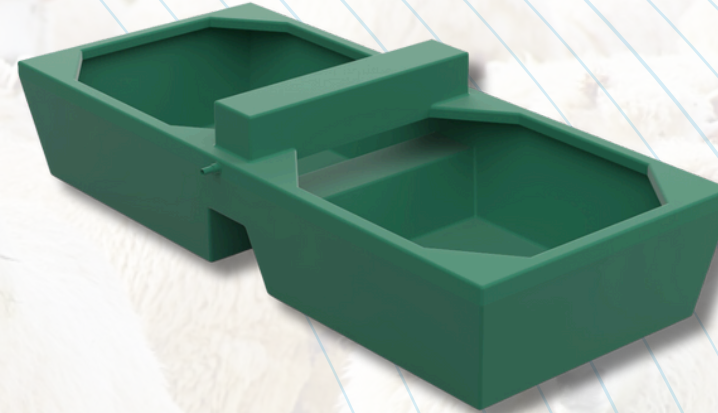
## DBL7 Water Through:

- Height: 225 mm
- Length: 270mm
- Width: 250 mm
- Capacity: 7 liters
- UV Resistant
- Fitted with Ball Valve
- For larger animals

## DT30 Water Trough:

- Height: 28 cm
- Length: 119 cm
- Width: 48 cm
- Capacity: 136 liters
- UV Resistant

Dubbel Water Trough  
Fitted With a 25mm Ball Valve



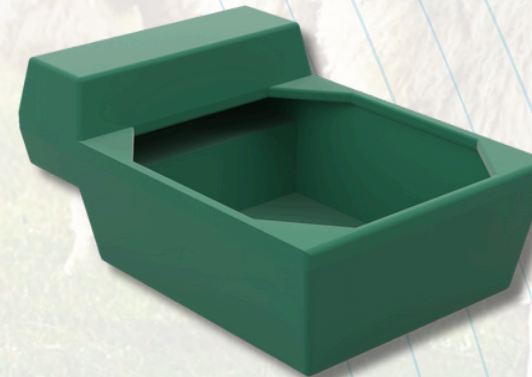
## DT5 Water Trough:

- Height: 8.5 cm
- Length: 156 cm
- Width: 26 cm
- Valve cover Height: 14 cm
- Capacity: 50 liters
- UV Resistant
- Fitted with Ball Valve
- For small animals ostrich ,chicken etc.



## DT10 Water Trough:

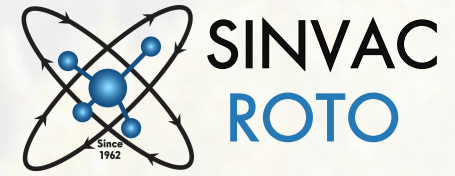
- Height: 25 cm
- Length: 68 cm
- Width: 45 cm
- Capacity: 54 liters
- UV Resistant



Effective Treatment to prevent claw/hoof diseases



# 3. PETS AND AGRICULTURE



## Sheep Belly Bath:

- Height: 31 cm
- Length: 310 cm
- Width: 60 cm
- UV Resistant
- Effective Treatment for Tics



## Sheep Foot Bath:

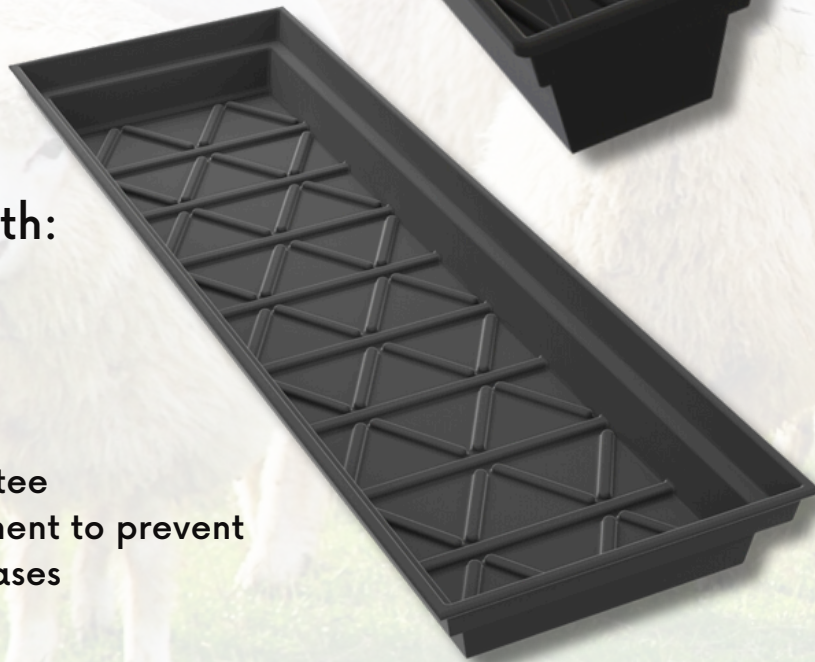
Height: 40 cm  
Length: 303 cm  
Width: 53 cm  
UV Resistant

Effective Treatment to prevent  
claw/hoof diseases



## Cattle Foot Bath:

- Height: 24 cm
- Length: 265 cm
- Width: 92 cm
- UV Resistant
- 5 Years Guarantee
- Effective Treatment to prevent  
claw/hoof diseases





## SINVAC PETS

### PETS Products we offer:

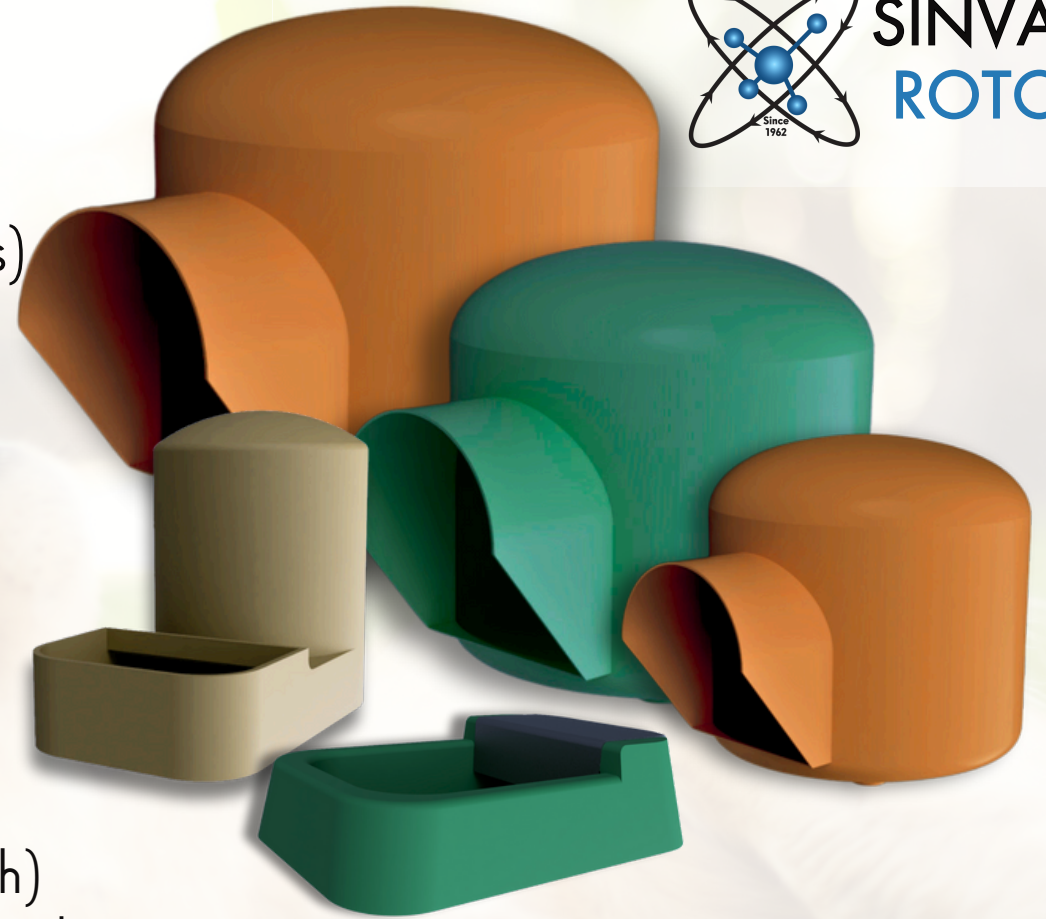
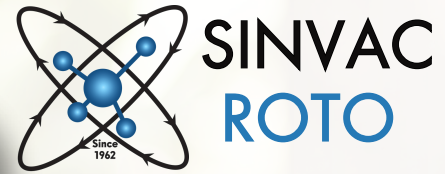
- Tuscan Kennel (4 Sizes)
- Fly Cosy Kennel (2 Sizes)
- Export Kennel (2 sizes)

### PET TOYS:

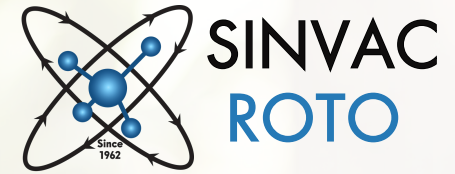
- Sling Ball (2 sizes)
- Eva Ball (3 sizes)
- Chuck Ball (3 Sizes)

### BIRD Life:

- Bird Feeder
- Bird Feeder Mesh)
- Pigeon Water Feeder
- Lorikeet Nest Box
- Duck Nest box
- Duck Nest Box Ladder



# 3. PETS AND AGRICULTURE



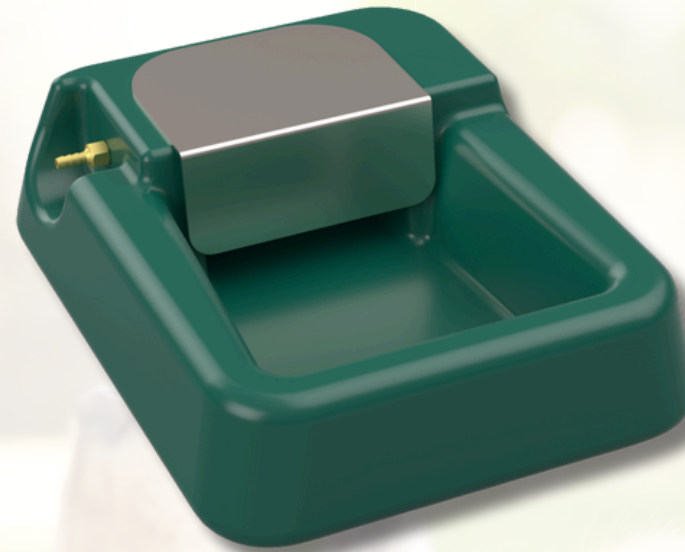
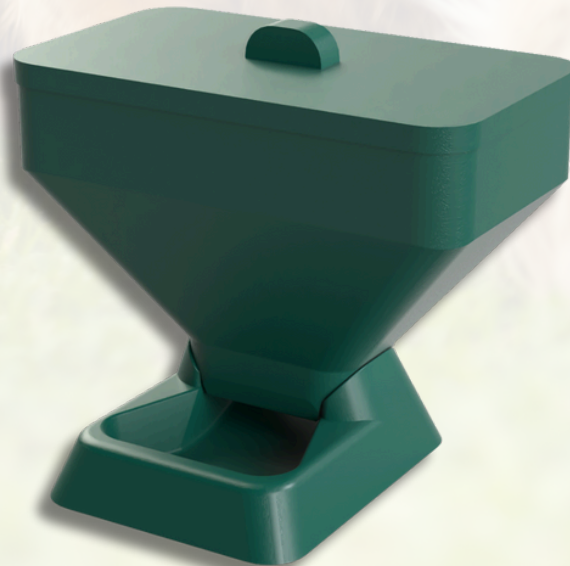
## K9 Vendor 8Kg:

- Gravity Feeder
- UV Resistant
- Capacity: 8 Kg
- Durable and Easy to clean



## K9 Vendor 25Kg:

- UV Resistant
- Capacity: 25 Kg
- Durable and Easy to clean



## Dog on Tap:

UV Resistant  
Automatic Ball Valve System

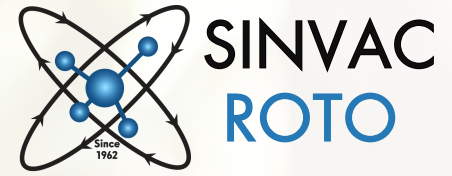


## Water Fountain:

UV Resistant  
Capacity: 23 liters



# 3. PETS AND AGRICULTURE



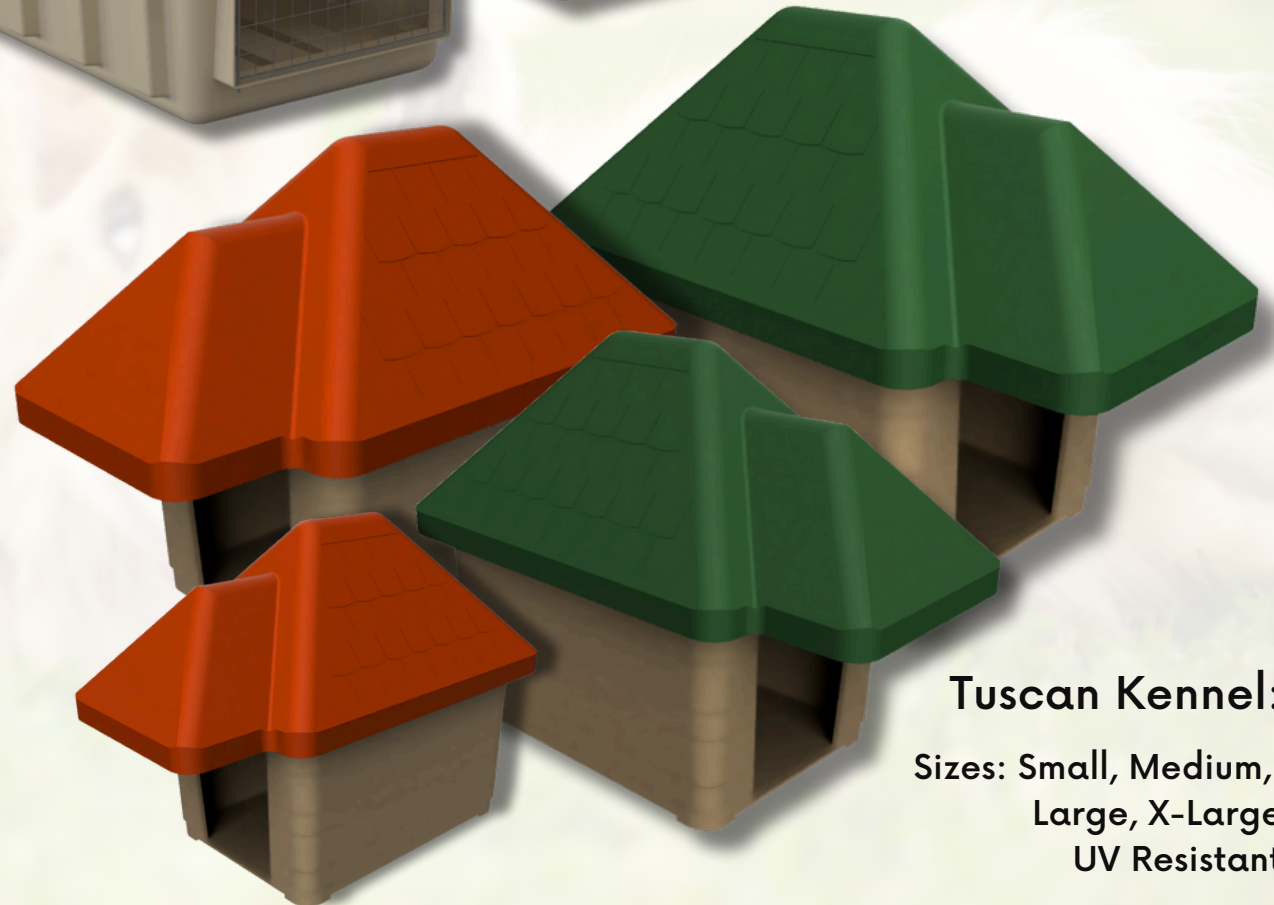
## Igloo Kennel:

- Sizes: Small, Medium, Midi, Large, X-Large
- UV Resistant



## Fly Cosy Kennel:

Sizes: Large, X-Large  
UV Resistant  
IATA Approved



## Tuscan Kennel:

Sizes: Small, Medium,  
Large, X-Large  
UV Resistant



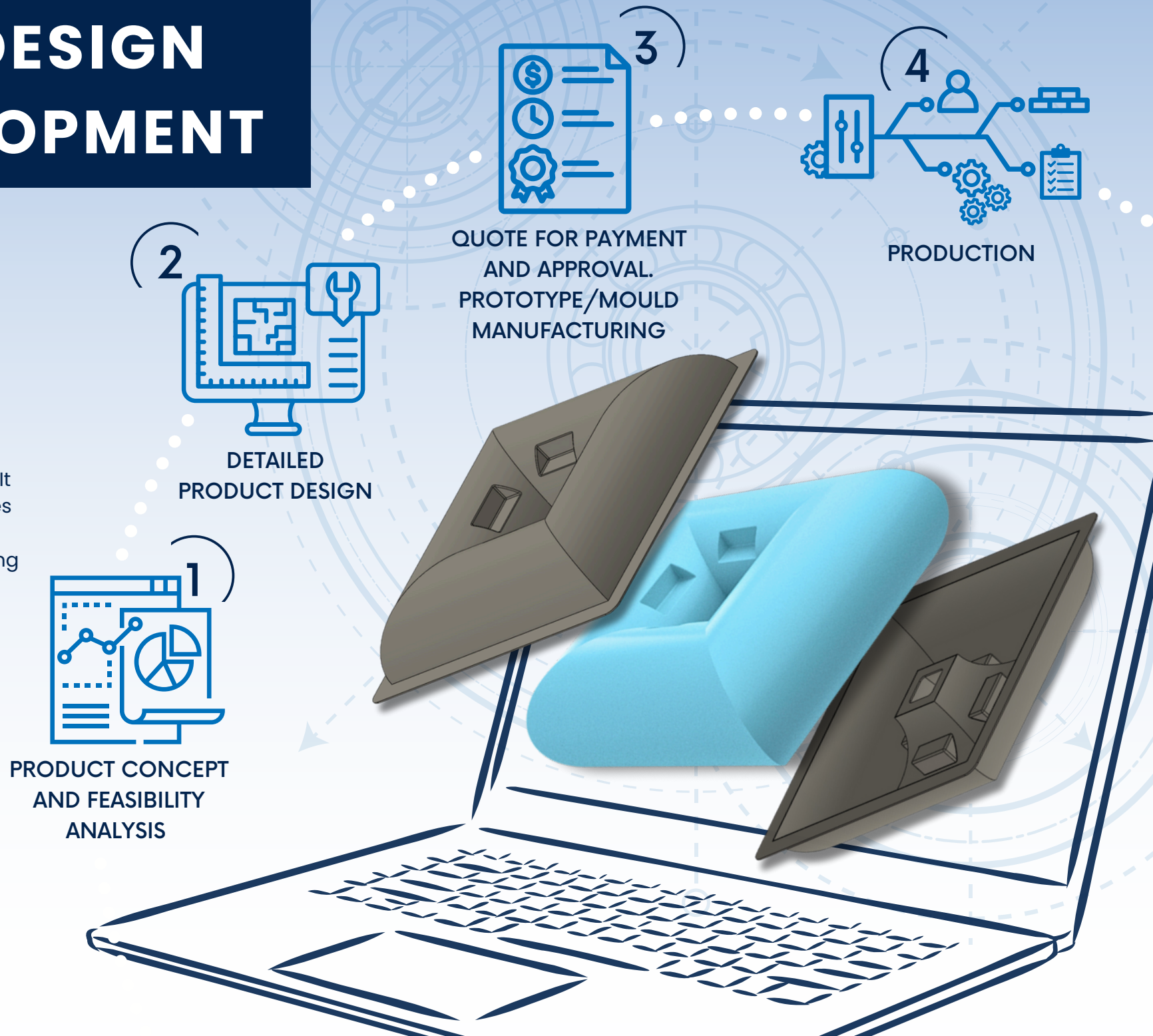
# 4. PRODUCT DESIGN AND DEVELOPMENT

## WHAT IS PRODUCT DEVELOPMENT?

Product development encompasses the comprehensive journey of transforming a concept or idea into a tangible product ready for market release and subsequent evolution. It involves a multifaceted process that integrates research, design, prototyping, testing, refinement, production, marketing, and ongoing adaptation. In essence, product development embodies the intricate path from inception to fruition, embodying the vision, innovation, and iterative refinement that characterize the creation of impactful products.

## DID YOU KNOW?

We have acquired a 3D printer to help you with visualizing your new product without the need to manufacture a physical mould.





## 5. WARRANTY

### THE FOLLOWING CONDITIONS APPLY:

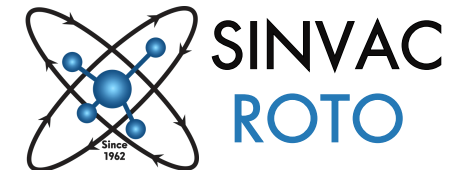
- The warranty is limited to our roto moulded LLDPE tanks/products.
- Products/tanks are guaranteed to be free of manufacturing defects.
- The warranty on the tanks is subject to the correct INSTALLATION (see instructions below).
- Any damage sustained during transportation, storage and installation is not covered by the warranty. Liability for other losses or subsequent damages is excluded.
- Any product modifications are not covered.
- The tanks are designed to be used for water and chemicals that have a specific gravity suitable for the tank.
- Any liquid poured into the tank must be compatible with LLDPE used in making the tanks. The salesperson will advise upon request. We recommend that customers carry out the relevant test to ensure that the plastic resin is compatible with the intended application. We have no control over the chemistry of the plastic, which in its nature is not stable, we do take every care to ensure that the raw materials used are of high quality from reputable sources.
- The warranty is limited to:
- Applications where the liquid contents do not exceed 40°C.
- All vertical tanks are to be used stationary when filled. They are not to be moved when filled, i.e. they must be emptied before moved.
- The replacement of the tank is only at the discretion of Sinvac Pty Ltd. Transport to and from Sinvac and any other structural costs are for the buyer's account.
- To any repairs done by Sinvac personnel only.
- Correct fittings are used—no steel or iron fittings or connectors are to be used.
- The polyethylene used has a design UV protection of 8 years.
- Sinvac Pty Ltd, its employees, subsidiaries, contractors, and the like are hereby indemnified by the customer for any damages suffered, of whatsoever nature in the collection, delivery, installation and/or utilization of the tanks.
- All claims made in the guarantee period require proof of purchase.

### GENERAL LIFE EXPECTANCY FOR WATER & CHEMICAL TANKS:

- When properly installed the tank's life expectancy can reach up to 25 years and more. There have been several cases of tanks reaching 30 years and older. Better manufacturing techniques throughout the years have enabled prolonged life expectancy.
- By increasing the wall thickness of your tank, you prevent the decaying process against any approved fluids being used.

### INSTALLATION INSTRUCTIONS:

- The correct fittings are to be used. No steel or iron fittings or connectors. The fittings should also be suitable for the liquid in the tank.
- The tank shall be mounted on a level, firm base with no overhang and be strong enough to carry the FULL weight.
- The tank may not be mounted on a sand or ground base but on a firm, level strong concrete or similar base.
- The base beams should be strong enough, no more than 50 mm apart, and should be treated against weathering.
- The stand should be firmly placed and strong enough to carry the weight of the full tank.
- The tank shall be adequately secured to the stand but not distort the tank.
- The pipes attached to the fittings shall be firmly secured and not hang on the tank. They should also be supported.
- The in-flow rate should not exceed the out-flow or overflow rate.



Sinvac Sales Office  
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Pretoria West 0117

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[www.sinvac.co.za](http://www.sinvac.co.za)  
[www.sinvacroto.co.za](http://www.sinvacroto.co.za)



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sinvac-group-of-companies  
sinvac\_pty



# PLACE YOUR ORDER

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Head of Chemical and Industrial	Tamuka Mangisi	072 587 6706	tamuka@sinvac.co.za
Chemical and Industrial	Stefan Kruger	073 219 6002	stefan@sinvac.co.za
Pet and Agriculture	Yolande Eager	074 909 5985	yolande@sinvac.co.za
Pet and Agriculture	Stefan Kruger	073 219 6002	stefan@sinvac.co.za
Head of Product Development	Sebastian Heunis	076 513 1752	sebastian@sinvac.co.za

## Recommended steps to follow:

1. Make sure of your requirements and application.
2. Select product from the brochure.
3. Phone or email Sinvac marketing for prices/quotes.
4. Order invoice will be emailed.
5. Order confirmation- Sinvac then will confirm a production completion date.
6. Normal lead time of 5-7 working days for standard products.
7. Ask about the Express Lane for urgent orders.
8. Delivery in Pretoria and Johannesburg could add 5 working days; depending on delivery schedules.

Enquire about special delivery for areas outside Gauteng.

## CONTACT US:



**+27 (0) 12 386 6486**



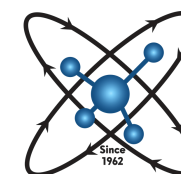
**+27 (0) 71 362 3489**



**INFO@SINVAC.CO.ZA**



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**SINVAC**  
**ROTO**

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