

ROTATION
IS OUR MOTTO

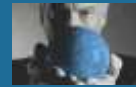


India roto plast is the fastest growing manufacturer & exporter of rotational moulding machine, roto mould, and ancillary equipment like plastic pulverizer, extruder, scrap grinder, table cutter, and mixer. We are exclusively engaged in roto moulding industry since 10 years. With help of long span of time we have earned grand expertise in rotomoulding innovation. We have acquired very well reputation in domestic as well global rotomoulding market.

India roto plast is located at well established industrial area of Ahmedabad, the beautiful city of Gujarat & first heritage city of India.

We have advanced manufacturing facilities and highly educated engineers as well expert technicians to enhance outstanding performance.

India roto plast is committed to serve complete rotomoulding solution as per customer's requirement.



Our Mission

India rotoplast would like to perform key - roll in roto moulding industry by providing latest technology machines to enhance advancement in roto moulding technology.

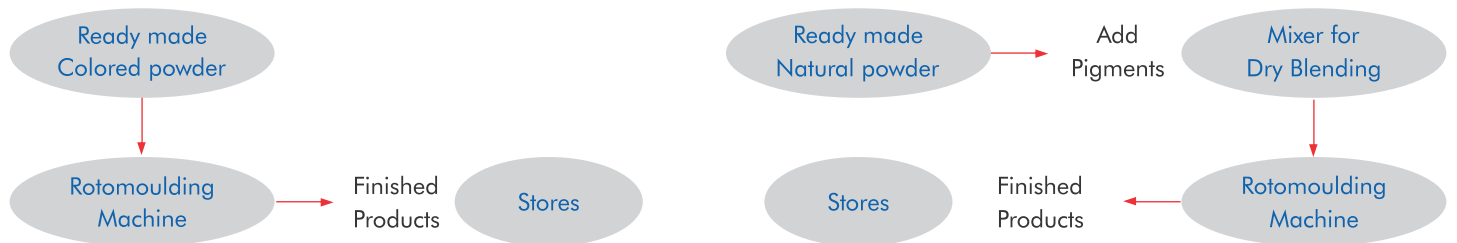


Our Vision

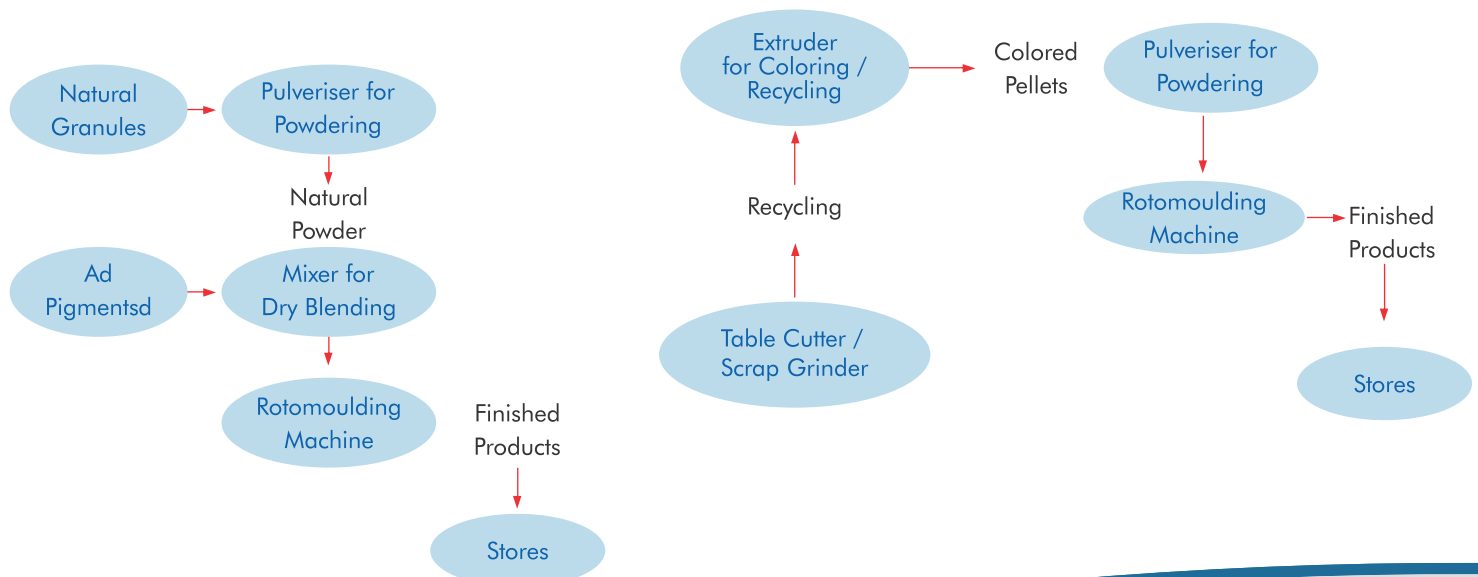
We promise to provide quality time and service to customer by serving our advance rotomoulding plant.

Roto Moulding Process

Ready Roto



Complete Roromoulding Process



4 Arm BI Axial Machine



Salient Features

- Advanced machine with latest technology.
- High production can be achieved with low fuel consumption.
- 90mm oven wall insulated with cera wool material.
- Heavy duty oven made by ms sheet for longer life and good strength.
- Optional hydraulic lift to reach material on top of oven for multi layer charging results in fast processing.
- Specially design oven to avoid heat loss and save cycle timing.
- High cfm blower provided to maintain uniform thickness of article.
- Possible to accommodate multiple articles on each straight arm.
- Pneumatic cylindres for tight closing of doors avoid heat loss.
- User friendly electrical control panel with (optional) plc system.
- Turret automatically locked at the time of processing to avoid accident.
- Heavy duty arms can bear weight in tons.
- Auto mould positioning provided to identify mould position.
- Imported double stage energy efficient burner provided for fast heating with low fuel consumption.



Technical Specification

Model	Floor Space			Straight Arm Swing Dia		Offset Arm Swong Dia	
	L	B	H	Major	Minor	Major	Minor
IRP-BOM-2000	14.50	9.5	5.5	3200	1600	2800	1400
IRP-BOM-5000	18.0	13.0	5.30	3600	2600	3400	2200
IRP-BOM-10000	22.0	15.30	6.50	4300	3400	4100	2500
IRP-BOM-20000	25.60	17.30	8.50	5800	3600	5500	3000

INDIA ROTO PLAST

Close Oven Rock N Roll Machine



Salient Features

- Octagonal oven design for better performance.
- Optimally design oven results in low gas consumption.
- Double door oven prevents from accident.
- Specially developed Auto ignition burner system to avoid an accident and save time.
- Oven rocking and door open/close with hydraulic system.
- 5 Nu reduction gear box provided on back side in centre of oven for rolling of the moulds.
- 125 Liter oil oank provided for hydraulic power pack operation.
- Just 3 Kg. gas consumes per cycle.
- Maximum 36000liter production can be achieved in 10 working hours with very low fuel consumption.
- Maintenance free machine.
- On both doors of oven 3 windows provided for material feeding directly from outside of the oven.
- User friendly and ease operational machine.
- Optional PLC system for fully automatic.
- Heavy screw fixes on front side in centre of the oven.
- Medium production machine with low budget.
- Possible to make multiple articles at a time.
- Easy to make multi layer tank.
- Model available in full range from 2000 Liter to 20000 Liter.

Open Flame Rock N Roll Machine



Salient Features

- low production and low budget machine
- mmedium cost and lowest maintenance machine
- open fire machine with mechanical rocking system.
- suitable to make water tank as well big hollow products
- being open fire machine heat loses and result in high gas consumption
- specially design machine for large and hollow products like underground tanks, septic tank, cooler body, horizontal tank, road barrier, slieds, and mobile toilet etc....
- high production cost compare to bi axial machine.
- Model available in full range from 5000 Liter to 30000 Liter.



INDIA ROTO PLAST

Pulverizer Machine



Salient Features

- Hopper Magnet provided inside to detect and catch up Metallic part from granules/polymers.
- Low level indication glass provided in bottom of the hopper.
- Specially design mill body with complete water cooling technology.
- Optimally design Main bearing housing with complete water cooling systems.
- Imported disc used to achieve good quality powder Fineness.
- Especially design double mesh maintains uniform thickness of powder.
- Optional Hopper loader to load the polymers in hopper automatically.
- Optional Chiller provided for water cooling system.
- Specially design disc increase disc life.
- Maintenance-free machine.
- Available from 100 Kg. to 400Kg./ hour output capacity.

Extruder Machine



Technical Specification

Model	Out Put In Kg/hr	Screw Size	Extruder Length & Diaration	Heater Zone	Motor HP
IRP-EXT-70	70KG/HR	75 MM	24 : 1	5	15
IRP-EXT-90	90KG/HR	90 MM	26: 1	5	20
IRP-EXT-100/125	100 – 125KG/HR	100 MM	28:1	6	25/30
IRP-EXT-200	200KG/HR	110 MM	28:1	6	40
IRP-EXT-250	250KG/HR	125 MM	28:1	7	50

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Scrape Grinder



Technical Specification			
Model	Motor HP	Output	Blade Size
IRP-SG-12"	05 HP	40-50 Kg.	12"
IRP-SG-16"	15 HP	100-125 Kg.	16"
IRP-SG-24"	25 HP	200-250 Kg.	24"
IRP-SG-30"	30 HP	300-350 Kg.	30"
IRP-SG-36"	40 HP	400-450 Kg.	36"

Turbo Mixer



Technical Specification			
Model	Output in KG	Motor HP	Chamber Size
IRP-MIX-25	25KG/HR	15 H.P.	24" X 24"
IRP-MIX-50	50KG/HR	20 H.P.	26" X 26"

- Use To Mix The Master Batch (pigment) With Virgin Granules.
- Use For Moisture Free Mixing And Compounding.
- Heavy Duty Drum Provided For The Blending Process.
- Moisture Free Dry Blending.

INDIA ROTO PLAST

Domestic



CVT Mould Tank



Horizontal Tank



Loft Tank



Under Ground Tank



Septic Tank



Ice box Mould



Slimline Rain
Water Tank



Road Barrier

Agriculture, Industrial & Commercial



Accessories



Pulverizer Disc



Clamp



Brass Insert



Hydraulic Stacker

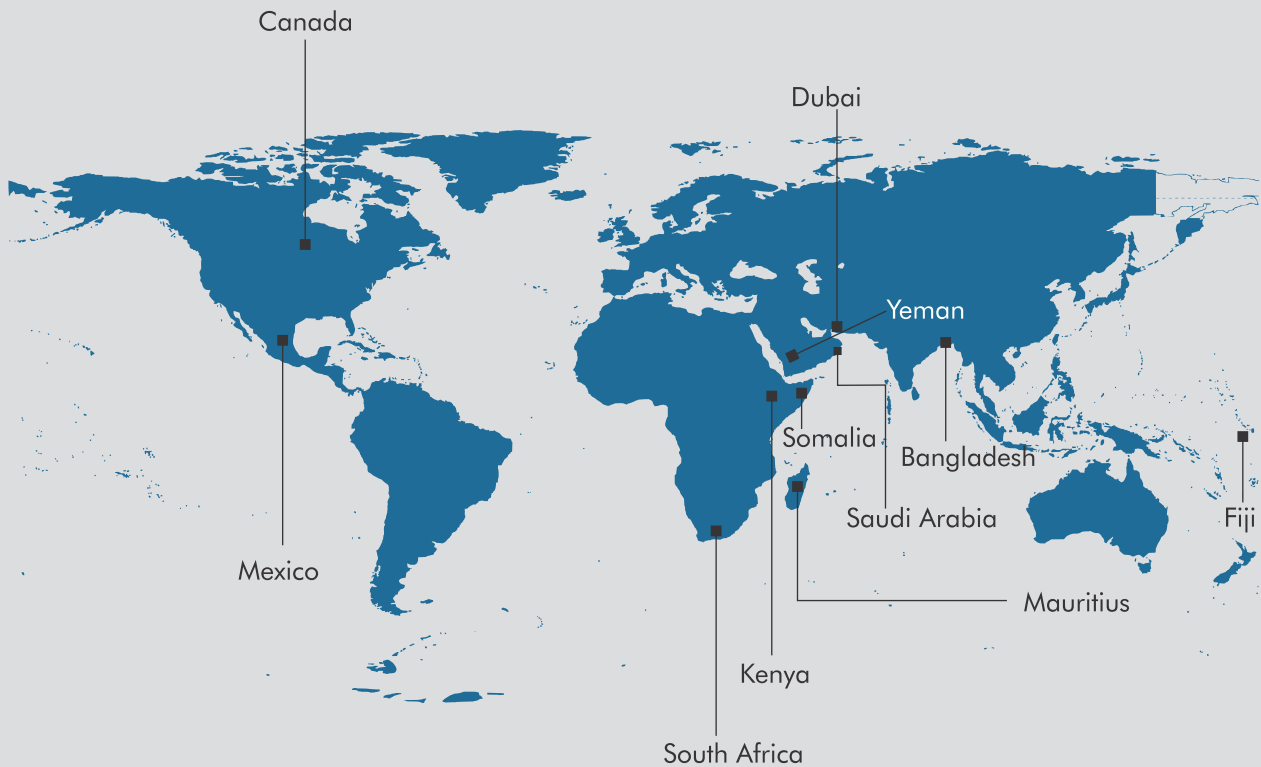


Air Pump Pressure



Chiller

We are in global Market



📍 Plot No. B-330, Odhav GIDC, Near. Minal Hotel,
Opp. R. Kumar Metal, Odhav, Ahmedabad-382415.
Gujarat. India.

☎ +91 99247 16187, +91 99245 48615

✉ marketing@indiaroto.com

🌐 www.indiaroto.com

