

ROTATIONAL MOULDING MACHINES

ENERGY EFFICIENT

AUTOMATION



PRECISE OPERATION

HIGH QUALITY CONTROL



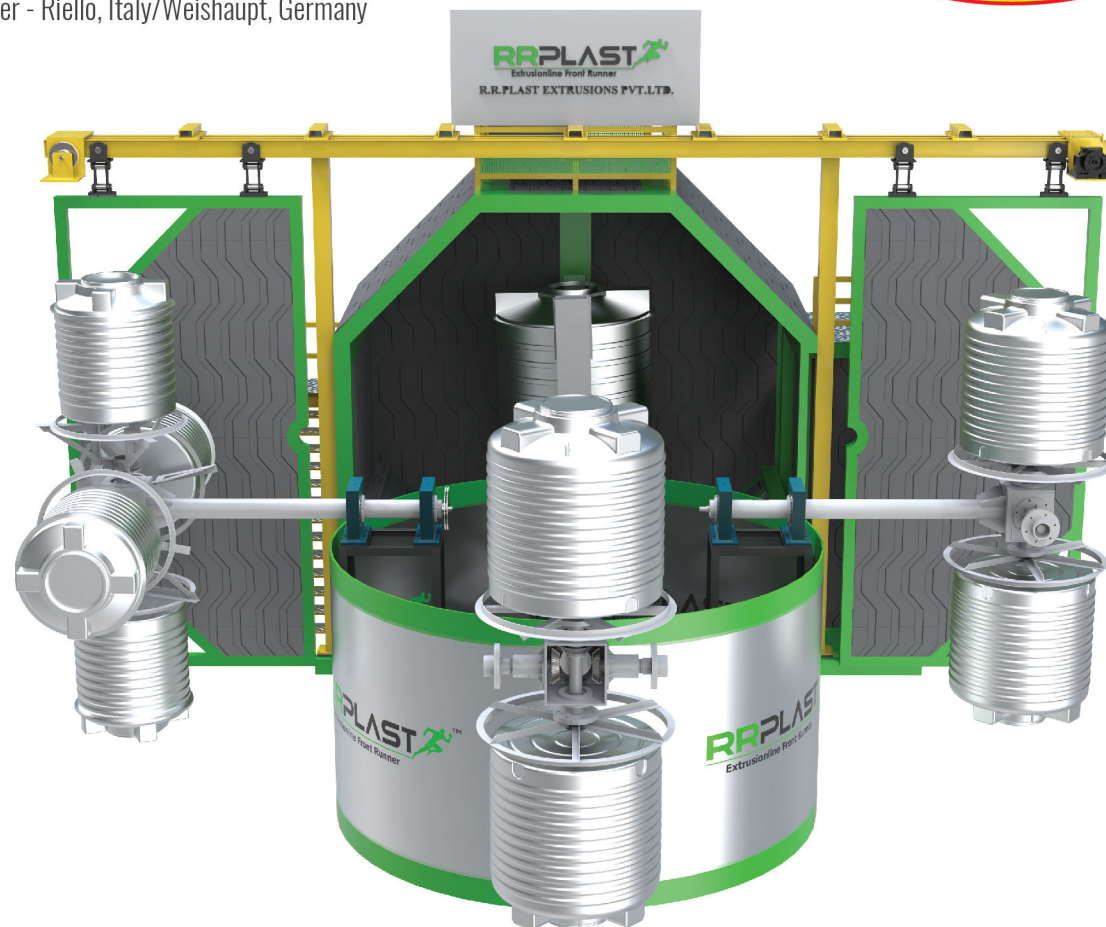
RRPLAST™
Extrusionline Front Runner



RRP-4-4500 FOUR STATION BI-AXIAL ROTATIONAL MOULDING MACHINE

- LDPE (Compound) (4 mfi Roto Grade LLDPE) raw material used for product
- Water Tank Production Capability is 300 Liter (Min) & 5000 Liter (Max)
- Septic Tank Production Capability is 500 Liter (Min) & 2000 Liter (Max)
- Road Barrier Production Capability is 1.5 meter X 2 meter (Max)
- Burner - Riello, Italy/Weishaupt, Germany

**POWER SAVING
&
EFFICIENT**



Main Technical Parameters

Mould on Straight Arm	2000 X 2, 1500 X 2, 1000 X 6, 500 X 8
Mould on Offset Arm	3000 X 1, 5000 X 1
Total Cycle Time	35 min (For Double Layer) for St. Arm and 45 Min For offset Arm*
Production Per day	2,16,000 liter Max (24 hrs)
Production Capacity	160 Tanks/Day of all size
Electrical Load	40 kW (53 Hp) (415 Volt 3 Phase)
Process Temperature	180 °C-220 °C
Machine suitable for	Double Layer, Triple Layer, Four Layer or Foam layer
Manpower	4 Semi Skilled Persons Per Shift
Machine Dimension	20 meter X 14 meter X 9 meter
Power	Connected /Running Load = 19 kw (26 HP)
LPG Consumption	18 kg/h or 10 kg/Cycle

Note: The specification are subjected to change without prior notice

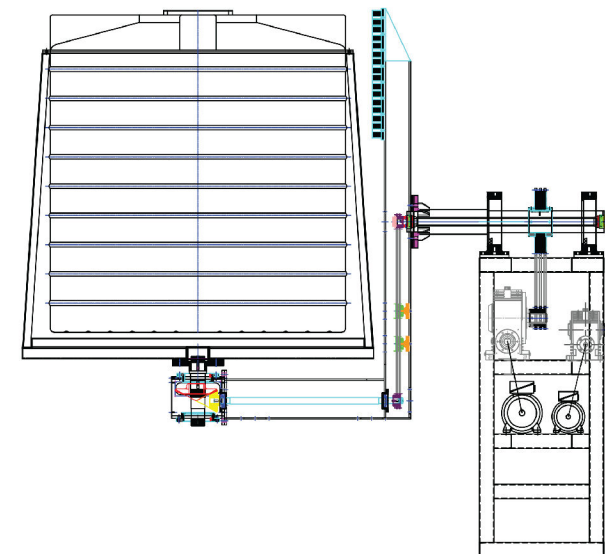
- The oven adopts a pure hot air circulation heating method and hot air can be directed to the mold at an intelligent adjustment speed to form deep cavity products.

- Foam Tanks
- Multilayer Tanks

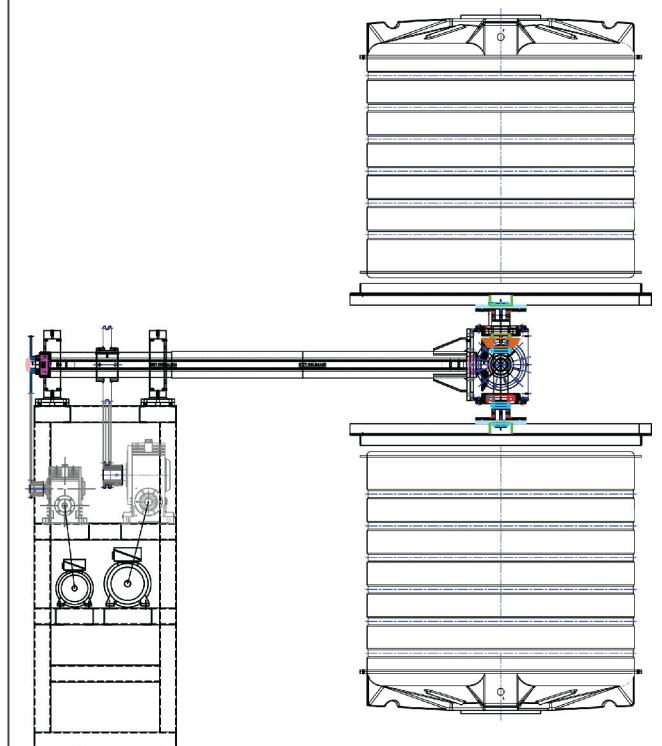


WATER TANKS

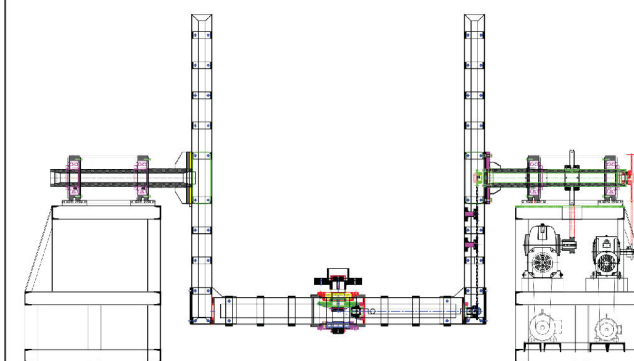
OFFSET ARM



STRAIGHT ARM



U-ARM



- Stationery Oven
- Rotation Carriage
- Rotation Arm
- Operation Station
- Cooling Room
- Cooling Fan

RRP-3-3800 FOUR ARM BI-AXIAL ROTATIONAL MOULDING MACHINE

- LDPE (Compound) (4 mfi Roto Grade LLDPE) raw material used for product
- Water Tank Production Capability is 300 Liter (Min) & 2000 Liter (Max)
- Septic Tank Production Capability is 500 Liter (Min) & 2000 Liter (Max)
- Road Barrier Production Capability is 1.5 meter X 2 meter (Max)
- Burner - Riello, Italy/Weishaupt, Germany

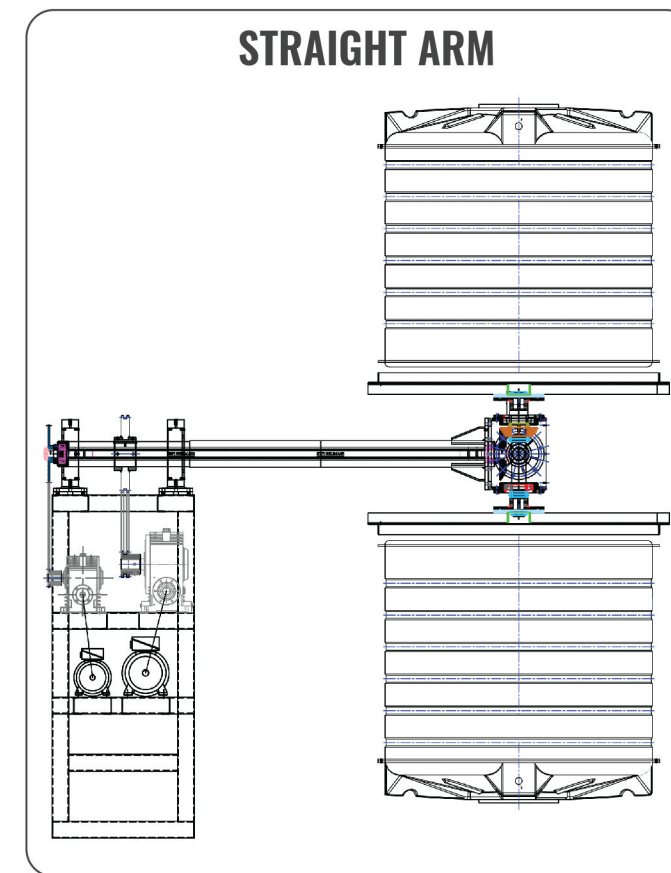
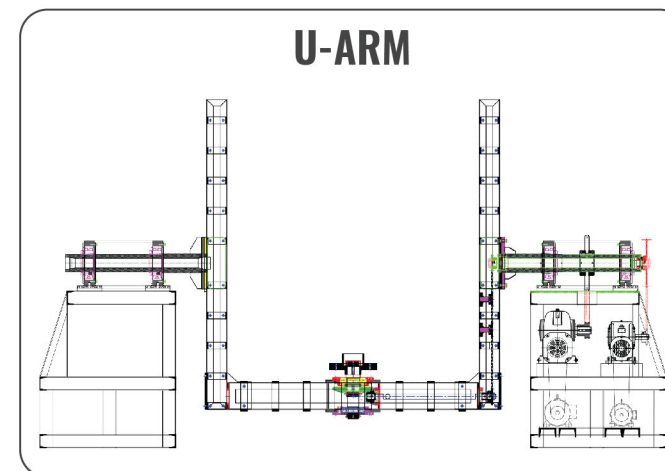
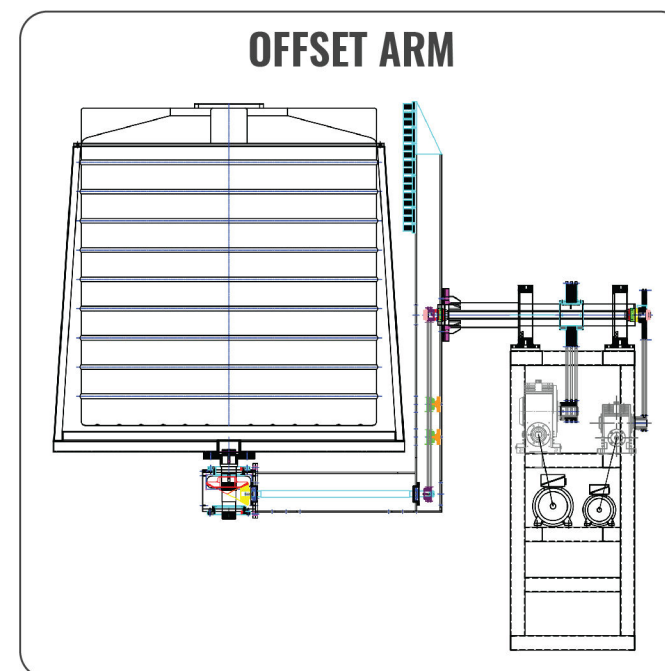


Main Technical Parameters

Mould on Straight Arm	300 X 4, 500 X 4, 750 X 2, 1000 X 2
Mould on Offset Arm	1500 X 1, 2000 X 1
Total Cycle Time	25 min on St. Arm (For Double Layer) 35 Min on Offset Arm
Production Per day	1,00, 000 liter. Max (24 hrs)
Production Capacity	40 Tanks/Day for 1000 liter & 30 Tanks/Day for 2000 liter & 1500 liter
Electrical Load	19 kw (26 HP) (415 Volt 3 Phase)
Process Temperature	180 °C-220 °C
Machine suitable for	Double Layer, Triple Layer, Four Layer or Foam layer
Manpower	3 Semi Skilled Persons Per Shift
Machine Dimension	11 meter x 9 meter x 6 meter
Power	Connected /Running Load = 19 kw (26 HP)
LPG Consumption	8 kg/h

Note: The specification are subjected to change without prior notice

- Four station (Heating, cooling, loading/unloading, pending) can be operated line and assembly line to increase yield, all the carriages and arms are independent.
- Special design machine for Planters.

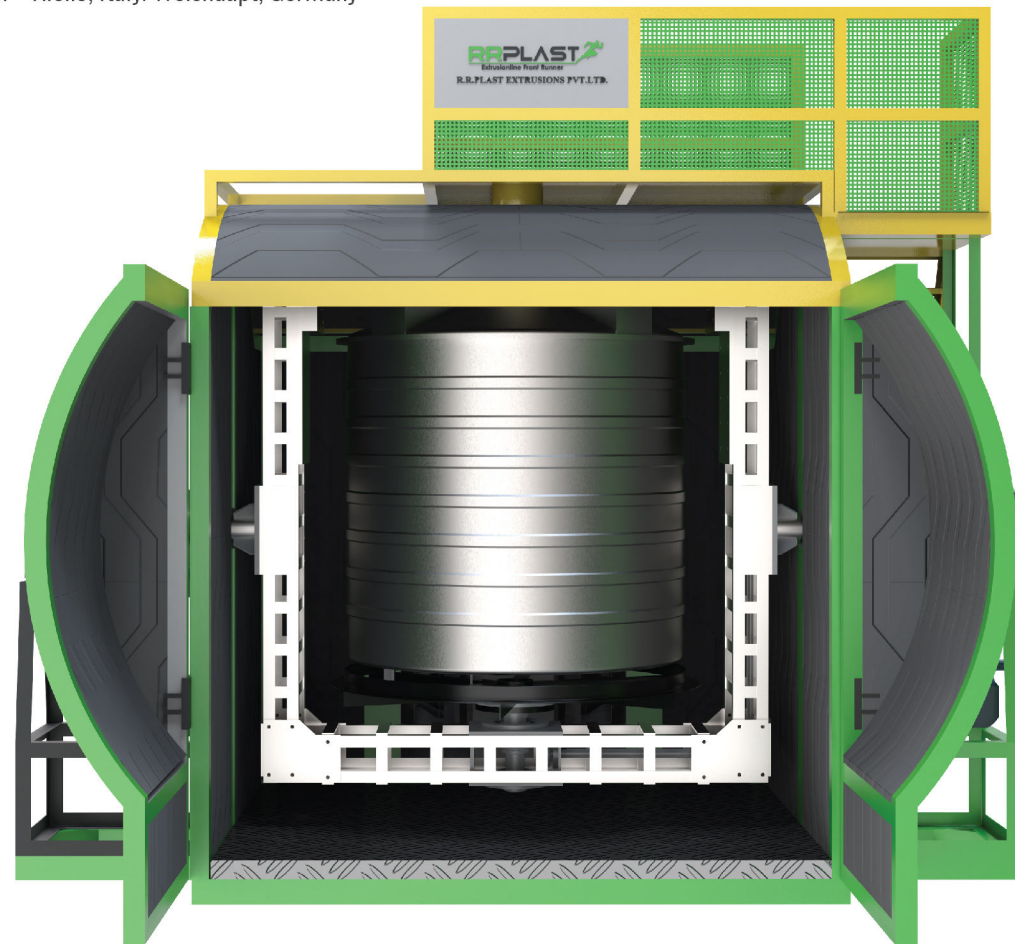


- Stationery Oven
- Rotation Carriage
- Rotation Arm
- Operation Station
- Cooling Room
- Cooling Fan

RRP-U-ARM-3500 SINGLE STATION BI-AXIAL ROTATIONAL MOULDING MACHINE

- LDPE (Compound) (4 mfi Roto Grade LLDPE) raw material used for product
- Water Tank Production Capability is 300 Liter (Min) & 5000 Liter (Max)
- Septic Tank Production Capability is 500 Liter (Min) & 3000 Liter (Max)
- Road Barrier Production Capability is 1.5 meter X 2 meter (Max)
- Burner - Riello, Italy/Weishaupt, Germany

**SUITABLE FOR
LARGE ARTICLE**



Main Technical Parameters

Mould on U-Arm	5000 X 1, 3000 X 1
Total Cycle Time	90 min (For Double Layer)
Production Per Day	80,000 Liter Max (24 hours)
Production Capacity	16 tanks/day for 5000 Liter
Electrical Load	16 Tanks/Day for 2000 Liter & 1500 Liter
Process Temperature	250 °C
Machine Suitable for	Double Layer, Triple Layer, Four Layer or Foam layer
Manpower	Semi Skilled Persons Per Shift
Machine Dimension	4 meter x 4 meter x 3.5 meter
Power	Connected /Running Load = 12kW (16HP)
LPG Consumption/Diesel	10 Kg/Cycle/12 Liter/Cycle

Note: The specification are subjected to change without prior notice

- Suitable for the inverters with limited budget Specialized equipment as the septic water tank Rotational arms can be matched with U Shaped arms.
- Tailor made & heavy duty Rotational Molding Machine.

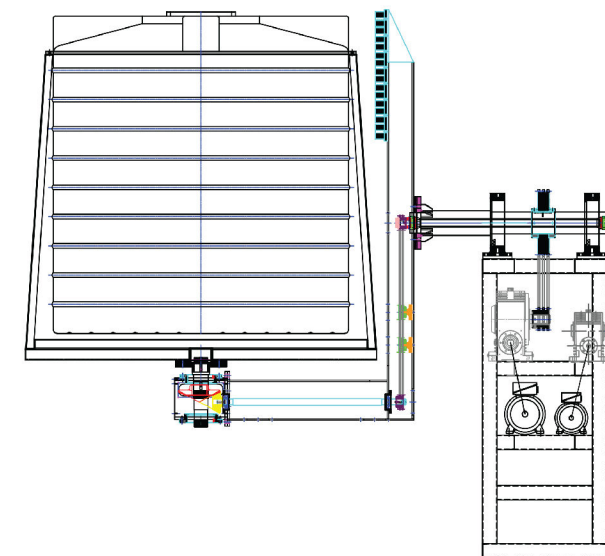


SEPTIC TANK

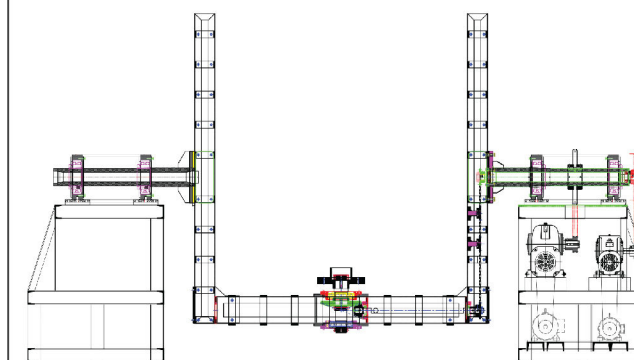


FUEL TANK

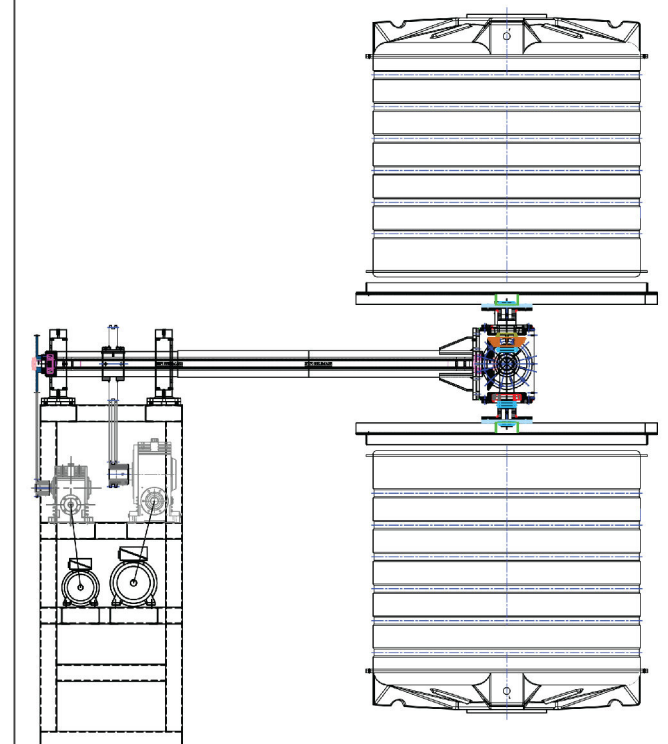
OFFSET ARM



U-ARM



STRAIGHT ARM

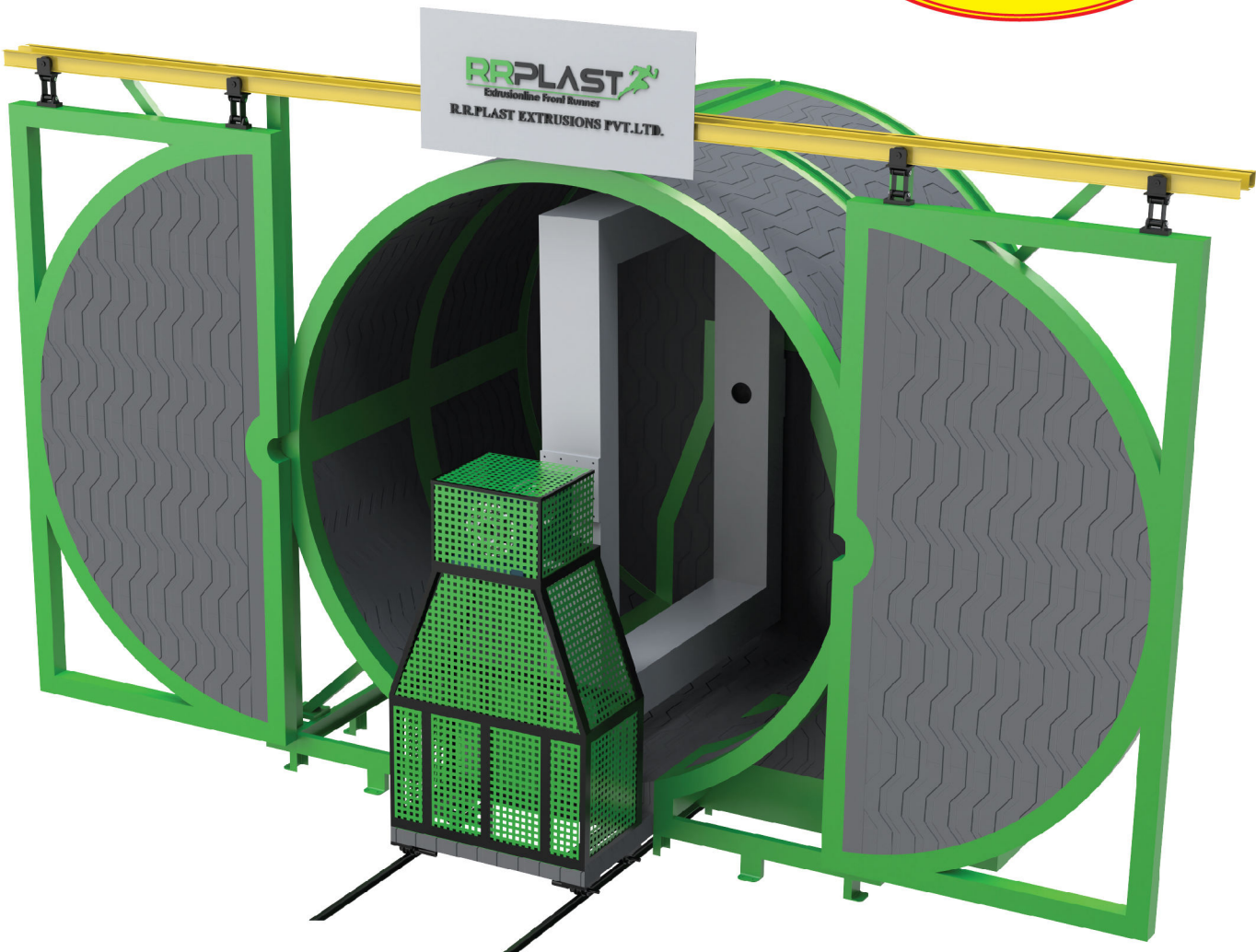


- Stationery Oven
- Rotation Carriage
- Rotation Arm
- Operation Station
- Cooling Room
- Cooling Fan

RRP-U-5600 BI-AXIAL/ SHUTTLE TYPE ROTATIONAL MOULDING MACHINE

- LDPE (Compound) (4 mfi Roto Grade LLDPE) raw material used for product.
- Vessel Production Capability/ROTO lining.
- Burner - Riello, Italy/Weishaupt, Germany.

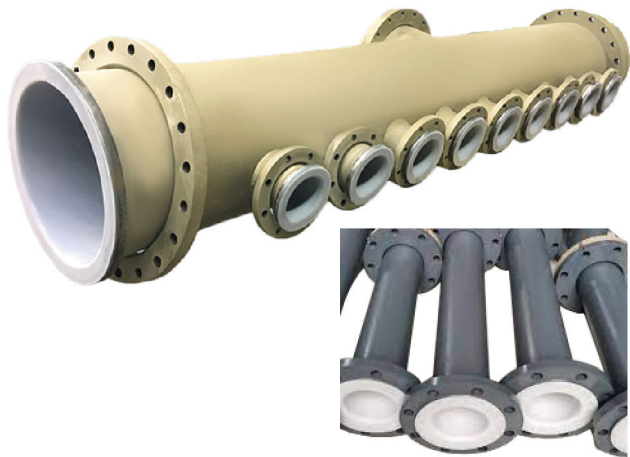
SPHERICAL FURNACE
TO SAVE ENERGY



Main Technical Parameters

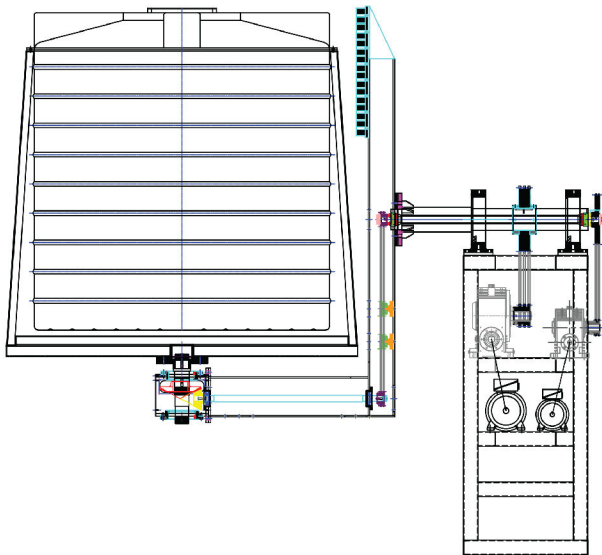
Production on Arm	2500 X 2500 Vessel Maximum
Production Off set Arm	NA
Total Heating Time	65 min to 75 min
Production Per day	18 Nos
Electrical Load	25 kW (33.5 HP)
Process Temperature	250°C-400 °C
Manpower	3 Semi Skilled Persons Per Shift
Machine Dimension	12.5 meter X 11 meter X 7 meter
Power	Connected/Running Load = 25 kW (33.5 HP)
Gas Consumption	18 kg/h

Note: The specification are subjected to change without prior notice

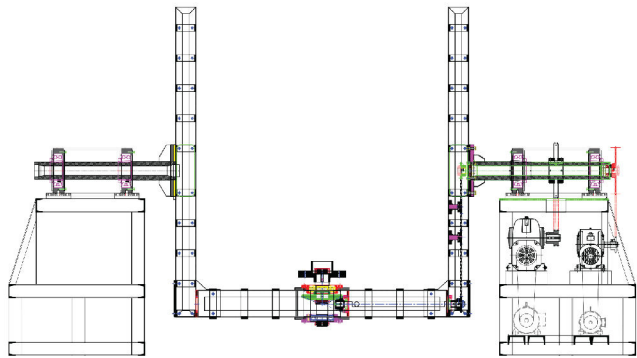


INDUSTRIAL LINERS

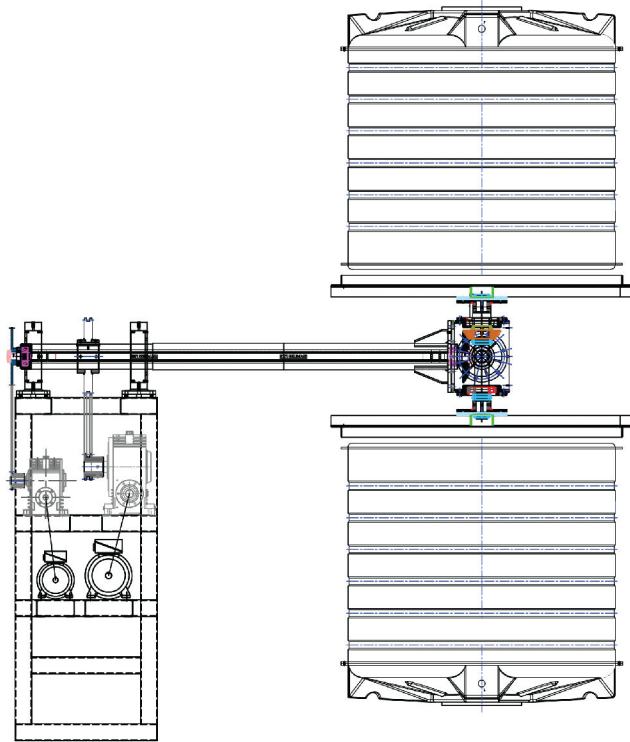
OFFSET ARM



U-ARM



STRAIGHT ARM

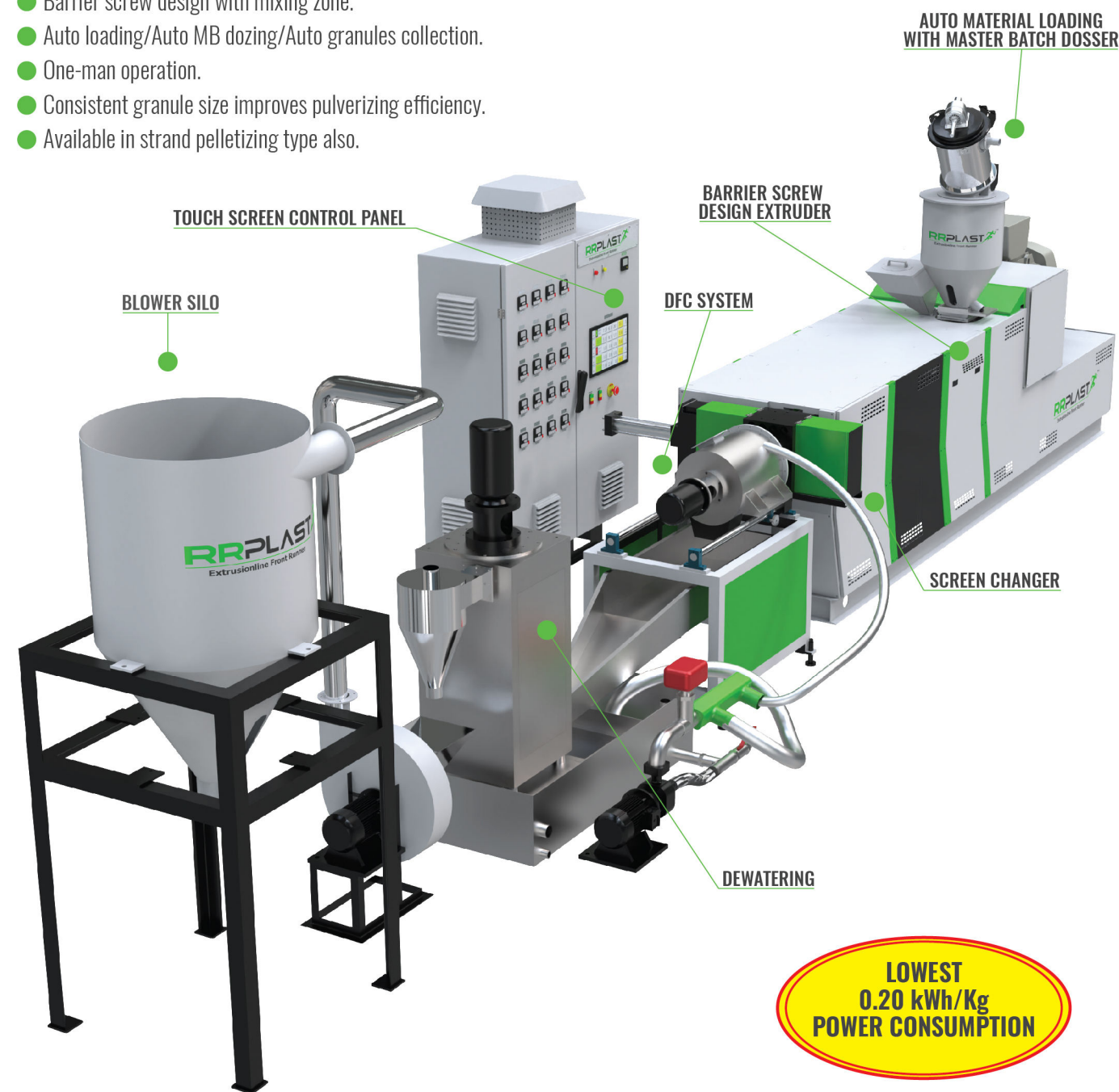


- Stationery Oven
- Rotation Carriage
- Rotation Arm
- Operation Station
- Cooling Room
- Cooling Fan

ROTO-PE COLORING GRANULATION PLANT

WITH STRAND PELLETIZER AND DIE FACE CUTTER

- Better dispersion of Carbon black/Color Masterbatch.
- Barrier screw design with mixing zone.
- Auto loading/Auto MB dosing/Auto granules collection.
- One-man operation.
- Consistent granule size improves pulverizing efficiency.
- Available in strand pelletizing type also.



Main Technical Parameters

Model	Unit	RRCP 45/33 -G500C	RRCP 65/33 -G500C	RRCP 75/33 -G500C	RRCP 90/33 -G1000C	RRCP 120/33 -G1000C
LLDPE 4 MFI	Kg/h	180-200	380-400	500-550	750-800	1000-1200
Screw Dia	Ø	45/33	65/33	75/33	90/33	120/33
Running Load	kW	45	75	102	138	192

Note: The specification are subjected to change without prior notice

ROTATIONAL MOLDING MACHINE APPLICATIONS



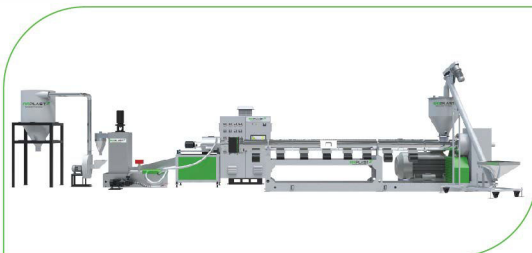
INDIAN AT HEART - GLOBAL IN SPIRIT

EXPORT TO MORE THAN 78 COUNTRIES



24,000 m² STATE OF THE ART FACTORY AT ASANGAON, THANE, INDIA 

SUPPORTING EQUIPMENTS FOR ROTO MOLDING:



PLASTIC RECYCLING/COLORING PLANT



PULVERISER



SCRAP GRINDER



WATER TANK MOULDS

RRPLASTTM
Extrusionline Front Runner

44
YEARS OF INNOVATION

R.R. Plast Extrusions Pvt. Ltd.

Manufacturer & Exporter of Plastic Extrusion Machinery & Equipment



 **Head Office:** 403/404, 4th Floor, Dilkap Center, Lobo Compound, Andheri-Kurla Road, Andheri East, Mumbai Suburban, Maharashtra, India, Pin - 400072

 **Factory:** Survey No.164/4, 12/1, N.H. No.3, Opp Neel Engineering Co. At - Asangaon Taluka, Shahapur Dist Thane, Maharashtra, India, Pin - 421601

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