

# PIYUSH ROTOMAC

**Mfg-All type of Roto Moulding Machine, Moulds & Pulverizer.**

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## **THREE ARM BI- AXIAL MACHINE- 1000 LTRS**

FEATURE	TECHNICAL SPECIFICATION
Type	Three Arm Bi-Axial Machine (Model-PR-BA-1000)
Arms	2 Straight (S) Arms & 1 Offset Arm (L)
Mould Capacity on Straight Arm	500 Ltrs (2 Nos) (Mould Dia 34"x 41" Height )
Load Capacity on Straight Arm	280 Kgs
Mould Capacity on Offset Arm	1000 Ltrs
Load Capacity on Offset Arm	230 Kgs
Spider Diameter	1270 mm
Turn Table	Rotated by 0.5 HP Geared Motor
Major Axis Drive	2 HP Motor with AC Drive
Minor Axis Drive	1 HP Motor with AC Drive
Speed Drive	Delta Make Variable Speed Drive
Heating System (Burner)	Italian Burner is used to heat the oven
Insulation	Oven Insulated by Rock Wool
Oven Movement	0.5 HP Geared Motor
Oven Door Movement	0.5 HP Geared Motor
Oven Temperature	250° C
Heat Circulating Blower	2 HP (2 Nos) Motor
Control panel	The Whole Process is Controlled by standard control panel. It is equipped with Digital Temperature Controller, Timer, Contractor, Relays & Switches.
Fuel	Diesel or gas
Fuel Consumption (Diesel)	12-15 Kg/Hrs (Approx)
Fuel Consumption (Gas)	10-15 Kg/Hrs (Approx)

Oven Size	9.5 Ft X 9.5 Ft X 6 Ft
Machine size	25Ft X 40Ft (L X W)
Total Power Requirement	15 HP, 440 V, 60 HZ, 3 Phase
Production Cycle	17 Mnts/Cycle for 1000 Ltrs Vertical Tank
Cost of the machine	

**THREE ARM BI- AXIAL MACHINE- 2000 LTRS.**

FEATURE	TECHNICAL SPECIFICATION
Type	Three Arm Bi-Axial Machine (Model-PR-BA-2000)
Arms	2 Straight (S) Arms & 1 Offset Arm (L)
Mould Capacity on Straight Arm	750 Ltrs (2 nos) (Moulds $\Phi$ 41" x 45" Height)
Load Capacity on Straight Arm	365 Kgs
Mould Capacity on Offset Arm	2000 Ltrs
Load Capacity on Offset Arm	300 Kgs
Spider Diameter	1525 mm
Turn Table	Rotated by 0.75 HP Geared Motor
Major Axis Drive	3 HP Motor with AC Drive
Minor Axis Drive	2 HP Motor with AC Drive
Speed Drive	Delta Make Variable Speed Drive
Heating System (Burner)	Italian Burner is used to heat the oven
Insulation	Oven Insulated by Rock Wool
Oven Movement	0.75 HP Geared Motor
Oven Door Movement	0.75 HP Geared Motor
Oven Temperature	250° C
Heat Circulating Blower	3 HP (2 Nos) Motor

Control panel	The Whole Process is Controlled by standard control panel. It is equipped with Digital Temperature Controller, Timer, Contractor, Relays & Switches
Fuel	Diesel or gas
Fuel Consumption (Diesel)	15-20 Kg/Hrs (Approx)
Fuel Consumption (Gas)	15-20 Kg/Hrs (Approx)
Oven Size	10.5 Ft X 10.5 Ft X 7 Ft
Machine size	45 Ft x 30 Ft (L X W)
Total Power Requirement	24 HP, 440 V, 60 HZ, 3 PHASE
Production Cycle	25 Mnts/Cycle for 2000 Ltrs Vertical Tank

### **THREE ARM BI- AXIAL MACHINE- 3000 LTRS.**

FEATURE	TECHNICAL SPECIFICATION
Type	Three Arm Bi-Axial Machine (Model-PR-BA-3000)
Arms	2 Straight (S) Arms & 1 Offset Arm (L)
Mould Capacity on Straight Arm	1000 Ltrs (2 Nos) ( Moulds $\Phi$ 43"x 50" Height)
Load Capacity on Straight Arm	460 Kgs
Mould Capacity on Offset Arm	3000 Ltrs
Load Capacity on Offset Arm	400 Kgs
Spider Diameter	1675 mm
Turn Table	Rotated by 0.75 HP Geared Motor
Major Axis Drive	3 HP Motor with AC Drive
Minor Axis Drive	2 HP Motor with AC Drive
Speed Drive	Delta Make Variable Speed Drive
Heating System (Burner)	Italian Burner is used to heat the oven
Insulation	Oven Insulated by Rock Wool
Oven Movement	0.75 HP Geared Motor

Oven Door Movement	0.75 HP Geared Motor
Oven Temperature	250° C
Heat Circulating Blower	3 HP (2 Nos) Motor
Control panel	The Whole Process is Controlled by standard control panel. It is equipped with Digital Temperature Controller, Timer, Contractor, Relays & Switches
Fuel	Diesel or gas
Fuel Consumption (Diesel)	22-26 Kg/Hrs (Approx)
Fuel Consumption (Gas)	20-23 Kg/Hrs (Approx)
Oven Size	12.5 Ft X 12.5 Ft X 7.5 Ft
Machine size	50 Ft x 40 Ft (L X W)
Total Power Requirement	24 HP, 440 V, 60 HZ, 3 Phase
Production Cycle	35 Mnts/Cycle for 3000 Ltrs Vertical Tank

**THREE ARM BI- AXIAL MACHINE CAP. 5000 LTRS.**

FEATURE	TECHNICAL SPECIFICATION
Type	Three Arm Bi-Axial Machine (Model-PR-BA-5000)
Arms	2 Straight (S) Arms & 1 Offset Arm (L)
Mould Capacity on Straight Arm	2000 Ltrs (2 Nos) ( Moulds $\Phi$ 53.5"x 62"Height)
Load Capacity on Straight Arm	800 Kgs
Mould Capacity on Offset Arm	5000 Ltrs
Load Capacity on Offset Arm	600 Kgs
Spider Diameter	2130 mm
Turn Table	Rotated by 1 HP Geared Motor
Major Axis Drive	5 HP Motor with AC Drive
Minor Axis Drive	3 HP Motor with AC Drive
Speed Drive	Delta Make Variable Speed Drive

Heating System (Burner)	Italian Burner is used to heat the oven
Insulation	Oven Insulated by Rock Wool
Oven Movement	1 HP Geared Motor
Oven Door Movement	1 HP Geared Motor
Oven Temperature	250° C
Heat Circulating Blower	5 HP (2 Nos) Motor
Control panel	The Whole Process is Controlled by standard control panel. It is equipped with Digital Temperature Controller, Timer, Contractor, Relays & Switches
Fuel	Diesel or gas
Fuel Consumption (Diesel)	25-30 Kg/Hrs (Approx)
Fuel Consumption (Gas)	20-25 Kg/Hrs (Approx)
Oven Size	14 Ft X 14 Ft X 8.5 Ft
Machine size	50 Ft x 40 Ft (L X W)
Total Power Requirement	37 HP, 440 V, 60 HZ, 3 Phase
Production Cycle	50 Mnts/Cycle for 5000 Ltrs Vertical Tank