



Jaljog Rotomould[®]

We Believe in Accuracy

RnR Roto Moulding Machine of Next Gen



www.jaljogrotomould.com

About Us

Jaljog Rotomould Pvt. Ltd. is a trusted name in the mould manufacturing industry, recognized for delivering precision-engineered solutions that meet the highest standards of quality, accuracy, and reliability. Since our establishment in 2016, we have consistently invested in technology, skilled talent, and advanced manufacturing capabilities to become one of India's leading manufacturers of SPM moulds.

With a strong commitment to innovation and customer satisfaction, we offer comprehensive in-house mould manufacturing facilities that enable us to maintain complete control over quality, timelines, and performance. Our experienced workforce combines technical expertise with a solution-oriented approach, ensuring every project is executed with precision and attention to detail.

Over the years, our dedication to excellence has helped us expand our footprint across more than 15 countries, serving a diverse range of industries with customized mould solutions. Our production capabilities have grown significantly, enabling us to manufacture large volumes of high-quality moulds while maintaining the consistency and accuracy that define our work.

At Jaljog Rotomould Pvt. Ltd., we believe that every mould is a foundation for our customers' success. By continuously upgrading our infrastructure and embracing advanced manufacturing technologies, we remain focused on delivering products that exceed expectations. As we move forward with our vision for global growth and upcoming expansion plans, we continue our journey toward setting new benchmarks in Precision, Accuracy, and Delivery.

"Engineering Excellence Through Precision, Innovation, and Commitment."



MISSION

Our company aims to become a top-notch manufacturer of roto molds within a few years. We have a goal to introduce new technologies to design different sizes of molds

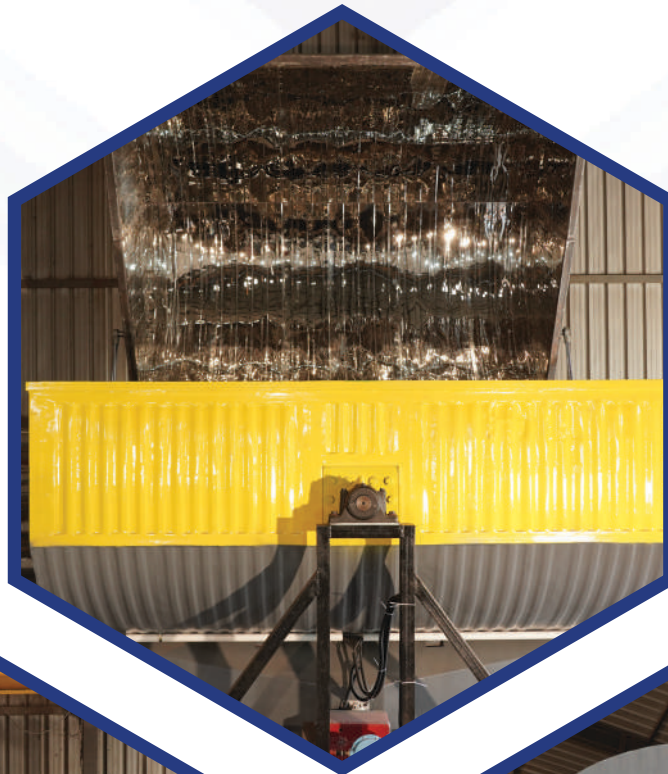
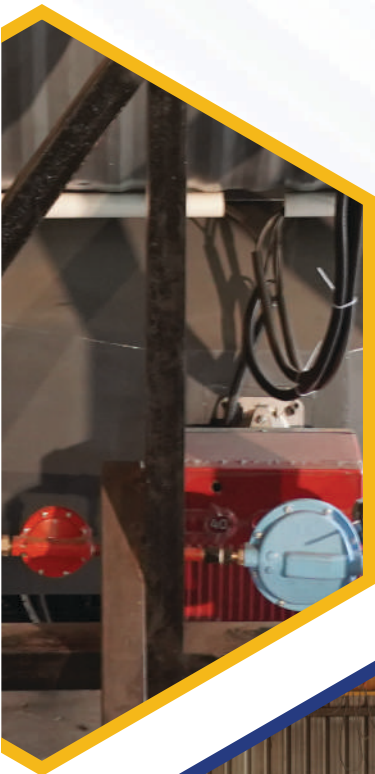


VISION

We have a sole vision to produce prime-quality roto molds for every client. Our team believes in completing the demands of customers every day.

Rock & Roll

Looks Like



Machine Highlights

- ▶ Single Burner With Recirculating blowers
- ▶ Italian Make Gas Burner With Gas Train
- ▶ State of Art Workmanship
- ▶ Highest Fuel Efficient & Productive Machine



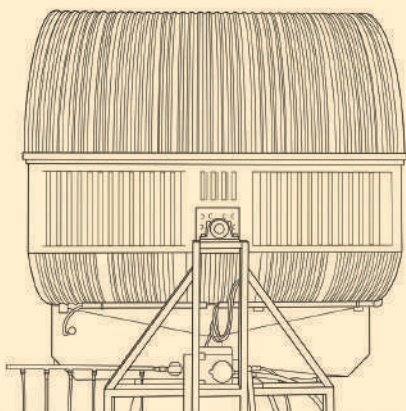
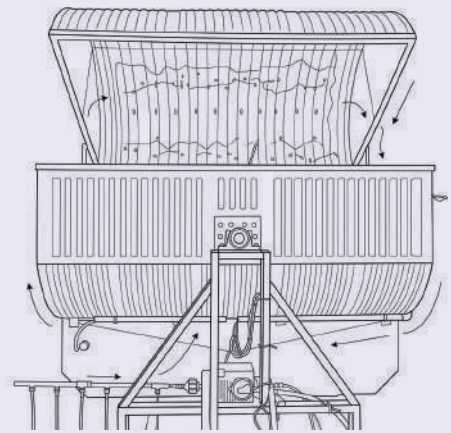
JALJOG Next Gen Rock & Roll Machines

are designed to redefine the traditional Rock & Roll moulding process by delivering superior fuel efficiency, consistent product quality, higher productivity, and user-friendly PLC-based operation. Unlike conventional machines that rely heavily on operator skill, the Next Gen series offers process-controlled manufacturing with optimized heat circulation, reduced cycle times, and reliable multi-layer production capability.

Technical Advantages of JALJOG Next Gen

1. Re-Circulating Hot Air Technology

- ▶ Uniform temperature throughout oven.
- ▶ Reduced hot and cold spots.
- ▶ Better sintering of powder.
- ▶ Improved wall thickness consistency.

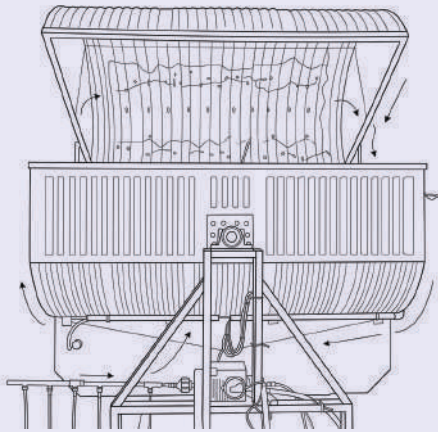
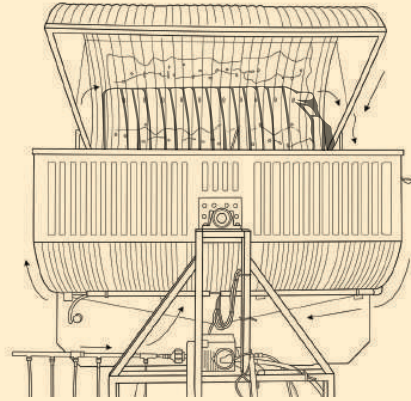


2. Heavy Duty Closed Oven

- ◀ Lower heat losses
- ◀ Faster heating cycle
- ◀ Improved fuel economy
- ◀ Better working environment

3. PLC Based Operation

- ▶ Consistent production quality.
- ▶ Reduced operator dependency.
- ▶ Easy parameter setting.
- ▶ Recipe recall facility.

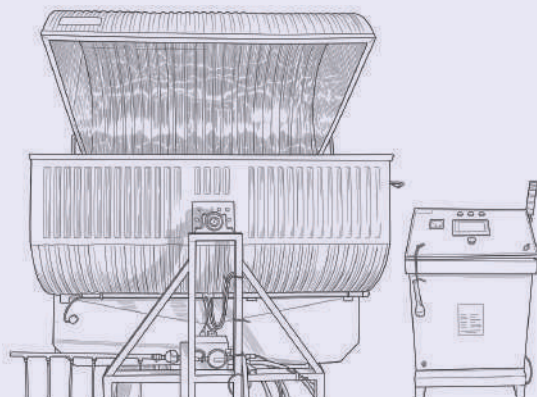
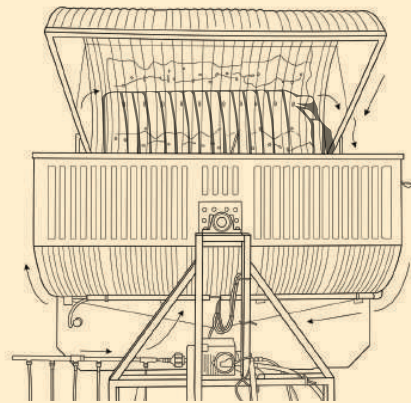


4. Hydraulic Rocking System

- Smooth oscillation ▶
- Reduced mechanical wear ▶
- Better mould movement control ▶

5. Variable RPM Rolling Drive

- ▶ Optimized rotation for different products
- ▶ Improved powder distribution
- ▶ Better multilayer moulding capability



6. Premium Components

- Riello Burners ▶
- Siemens/Schneider Electricals ▶
- Stainless Steel Blower Impellers ▶
- Heavy Duty Industrial Construction ▶

Rock n Roll

NEXT GEN MACHINE SPECIFICATION

SPECIFICATION	Next Gen 5000	NG 10000	NG 20000
Model	NG 5000	NG 10000	NG 20000
Type	Rock n Roll, Closed Oven, Single Burner	Rock n Roll, Closed Oven, Single Burner	Rock n Roll, Closed Oven, Single Burner
Heating System	Re-Circulating Blower & Single Burner	Re-Circulating Blower & Two Burner	Re-Circulating Blower & Two Burner
Suitable for Mold Combination	Vert 200x8, 300x8, 500x4, 750x2, 1000x2, 2000x1, 3000x1, 5000x1	5000 x 1 10000 x 1	5000 x 1, 10000 x 1, 20000 x 1
Cycle Time	35 min	45 Min	85 Min
Production/12 Hrs Per Day	40,000 Ltr	60,000 Ltr	1,00,000 Ltr
Fuel Consumption	LPG 3.5 kg / Cycle	LPG 8 kg / Cycle	LPG 15 kg / Cycle
Suitable for Multi Layer/Foam	Yes	Yes	Yes
inside Oven Size	Length 3320 mm x Width 2475 mm	Length 4110 mm x Width 2700 mm	
Max Mold Size	Dia 2850 mm x Length 2850 mm	Dia 2700 mm x Length 3640 mm	
Rocking Movement	Hydraulic	Hydraulic	Hydraulic
Rolling Movement	AC Motor & AC Drive	AC Motor & AC Drive	AC Motor & AC Drive
Rolling Motor	3 HP 415Volt	5 HP 415 Volt	10 HP 415 Volt
Rolling Gear box	Worm shaft and wheel	Worm shaft and wheel	Worm shaft and wheel
Door Movement	Hydraulic	Hydraulic	Hydraulic
No of Circulating Blower	2 Nos	3 Nos	3 Nos
Circulating Blower Impeller	SS Impeller OD 515 mm	SS Impeller OD 515 mm	SS Impeller OD 515 mm
Blower Motor	2 HP 415 Volt x 2	2 HP 415 Volt x 2	3 HP 415 Volt x 3
Max Temp	250 Degree	250 Degree	250 Degree
Type of Heating	Biaxial Type Hot Air Heating	Biaxial Type Hot Air Heating	Biaxial Type Hot Air Heating
Burner	Gas Single Stage FS 20 Make Riello	LPG Gas Buner Make Riello	LPG Gas Buner Make Riello
Fuel	LPG / PNG / Diesel	LPG / PNG / Diesel	LPG / PNG / Diesel
Hydraulic Power Pack	3 HP	5 HP	5 HP
Supply Voltage	415 Volt 3 Phase 50 Htz	415 Volt 3 Phase 50 Htz	415 Volt 3 Phase 50 Htz
Power Requirment	13 HP	16 HP	26 HP
Supply Voltage	Proxy Sensores	Proxy Sensores	Proxy Sensores
Electrical Swtichgear	Siemens / Schneider	Siemens / Schneider	Siemens / Schneider
PLC	7" HMI	7" HMI	7" HMI
Crane	2 HP Hoiste Up-Down, Rev Forw	2 HP Hoiste Up-Down, Rev Forw	2 HP Hoiste Up-Down, Rev Forw
Cooling fan	1 HP x 2	1 HP x 2	1 HP x 2
PIT Size	L 5285 mm x W 3660 mm x H 2540 mm	L 7000 mm x W 3920 mm x H 2900 mm	
Minimum Space Required	Length 40 ft x W 30 ft	Length 60 ft x W 40 ft	
Shed Height	16 ft (Ground to Crane Height) 20 ft (Ground to Crane Height)		



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