



PRATHIRAJ

METAL MASTERS Pvt.Ltd.

PRECISION

EXTRUSION BLOW MOLDS AND PAIL MOLDS

We deliver High-cavitation **Extrusion Blow Molds** and **Pail Molds** manufactured through advanced engineering processes to ensure superior accuracy, stable performance, and hassle-free operation.

About Us

Prathiraj Metal Masters Pvt. Ltd. Was established in 2004, we started our journey as a mold base manufacturing unit for high cavitation injection molds.

From 2008 -Recognizing the growing demand and technological potential in Extrusion Blow Molding, we strategically transformed into a dedicated **Extrusion Blow Molds** manufacturing facility backed by advanced manufacturing infrastructure, skilled engineering expertise, tooling accuracy and process discipline.

In 2024, we further expanded our capabilities with the launch of another vertical for **Pail Molds** manufacturing, strengthening our position as a comprehensive molding solutions provider. Our continued focus on technology, reliability, and continuous improvement enables us to meet global mold manufacturing demands.

Vision & Objective

Our vision is to become the preferred choice for customers seeking high-cavitation **Extrusion Blow Molds** and **Pail Molds** that deliver consistent quality and dependable performance. We aim to build longterm partnerships by offering solutions that combine advanced engineering, robust manufacturing practices, and continuous technological improvement.

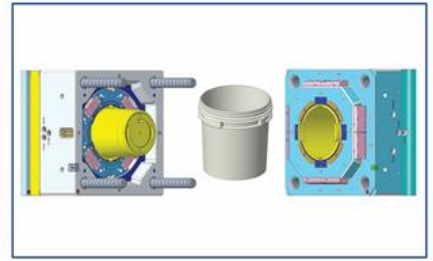
Our Objectives Include

- » Delivering high-cavitation **Extrusion Blow Molds** engineered for reliable and stable performance.
- » Ensuring high mold life through superior material selection and controlled manufacturing processes.
- » Maintaining consistent quality standards across all stages of design and manufacturing.
- » Supporting smooth and uninterrupted production through hassle-free mold operation.
- » Continuously upgrading technology, skills, and infrastructure to meet global demands.

OUR EXPERTISE

DESIGN AND DEVELOPMENT

Our design department specializes in **Extrusion Blow Molds** and **Pail Molds** designs, backed by deep domain knowledge and hands-on tool room experience. With a strong focus on functionality, machinability, and long-term performance. We engineer molds with integrated deflashing systems compatible with a wide range of Extrusion Blow Molding machines used globally. Each design is carefully analyzed to develop optimized cooling concepts that enhance mold performance, dimensional stability, and operational reliability. Our designers follow a systematic and process-driven approach to ensure precise integration of deflashing units and blow pin sets.



MANUFACTURING FACILITY

Our manufacturing facility is equipped with modern infrastructure designed to support the production of high cavity precision **Extrusion Blow Molds** and **Pail molds**. We are capable of manufacturing molds with various material combinations, supported by robust process control and advanced machining practices. To stay aligned with evolving industry requirements, we continuously upgrade our machinery and manufacturing technologies. Our facility enables precise machining, consistent quality, and reliable execution across complex mold configurations. This strong manufacturing backbone allows us to deliver durable, performance-driven **Extrusion Blow Molds** and **Pail molds** that meets global demands.

Key Manufacturing Equipment:

CNC Milling Machines: Makino's and Haas make, bed size up to 1550 mm

EDM Machines: GF and CHMER make, table size up to 1200 mm

Deep Hole Drilling: LOCH Make.

Inspection & Quality: Carl Zeiss CMM for precision measurement and validation



Products



Mold Pictures



Our Clients



ALPLA

reckitt

Romsons
Sustaining the life force



WPW
innovative packaging



Tarsons
TRUST DELIVERED



Foxx
Life Sciences
Our Innovation. Your Opportunity.

Arysta
LifeScience

P
PRECISION

e-mox

dp
DYNAPLAST

MOLD-TEK
Packaging Limited

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Quality | Commitment | Precision Manufacturing

