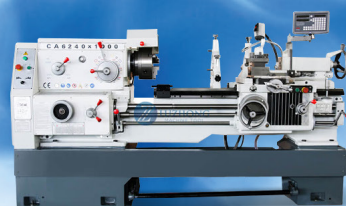


# AADINATH UVPACK PVT. LTD.

## Company Profile

“All that glitter is not gold”  
It could be **UV Metallizing**





Aadinath UV Pack Pvt Ltd (AUPL) was established in 2019 as a tech driven organisation that provides injection molding, tool making and uv metalizing complete solution for the customers. AUPL uses the latest and internationally, the most superior technology to provide unmatched quality at competitive prices.

Mrs Aanchal Jain, Director of Aadinath UV Pack Pvt Ltd focuses on making AUPL customer centric, dynamically promoting client ideas and helping them develop and evolve with complete technical and operational help. Her ambition matched with her work ethic is AUPL's guiding light.



### **Our Team is our reason for success**

Our people at every level are our most valuable asset. Our goal is to attract, develop and retain the people, offering them a safe and friendly work environment. People are the first strength of Aadinath UVPACK Pvt. Ltd. We endeavour everyday to encourage team spirit, sharing our organizational objectives, positioning them as actors of the company success.

# Injection Mold Manufacturing

We are an integrated mold manufacturer with injection Mold designing and manufacturing capabilities which include reverse engineering and prototyping.



We make hardened mold from best quality steel namely; Stavax, Orvar Supreme, P20 imported from Sweden, Italy and China. This increases the longevity of our mold, and helps us provide a superior customer experience.



**MILLING MANFORD TAIWAN**

## Tool Room

1. Milling: Manford (Taiwan)
  2. Lathe: All gear machine (China)
  3. Radial Drill Machine: China
  4. Hydraulic Surface Grinder
- We are also planning to install VMC at a later stage.

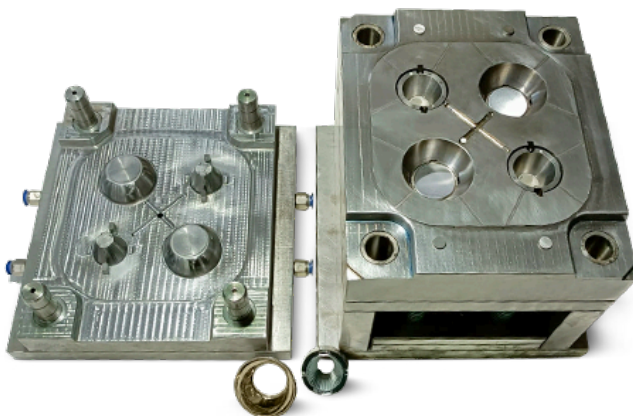
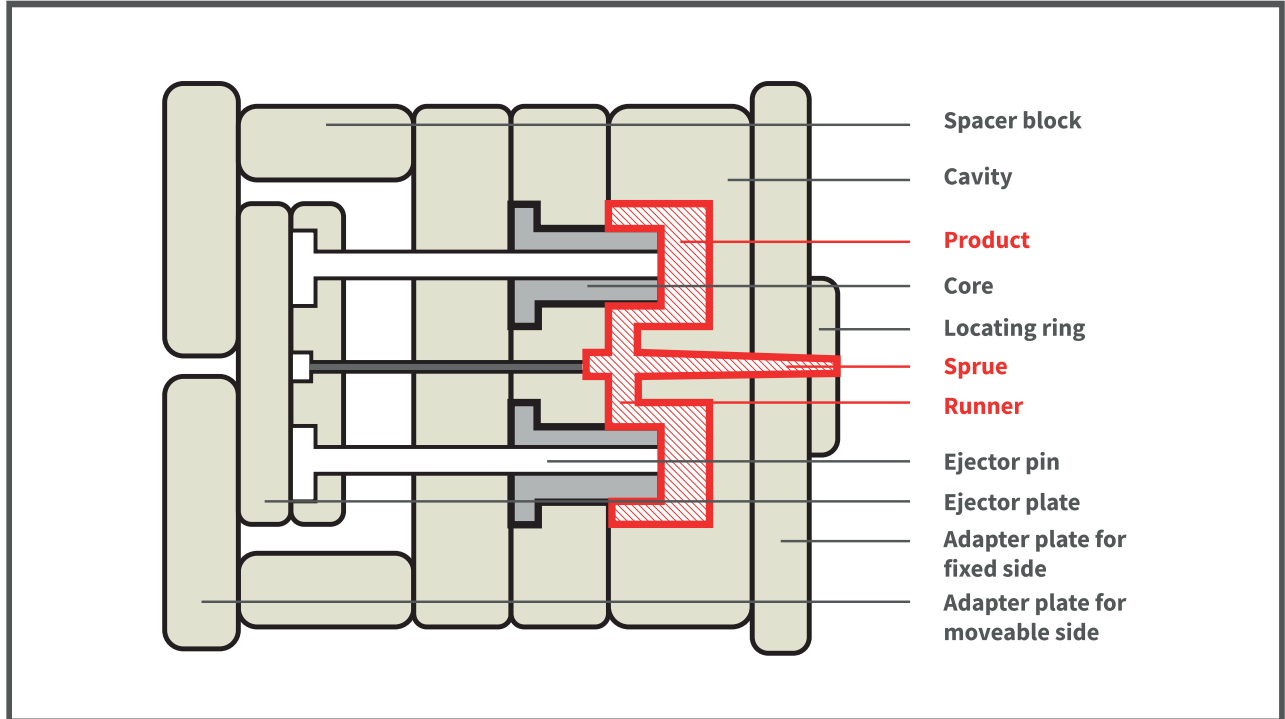
## Plastic Injection Mold Manufacturing

- Best range of Injection Molding Dies.
- Best price in the market.
- Fully automatic
- Effective & Timely delivery



# Injection Mold Manufacturing

## Injection Molding Process



**Molding Die**



**Precision Grinder**

# Mold Manufacturing FAQs

## For Mold manufacturing (information needed from customer)

- 1) Number of parts needed for month. Cavities will be decided accordingly
- 2) Any special steel requirement?

1

**What is the estimated Mold making time?**

75 Working days.

**What are the payment terms for mold making?**

2

50% Advance and balance 25% after 1st sample, remaining after part/product approved.

3

**Can we do NDA?**

Yes, we can do NDA as per customer requirement.

**Is mold cost amortized?**

4

Mold cost can be amortized but 100% advance to be given at the time of order and adjust after 2 million pieces.

5

**Do we offer prototype?**

Yes, we offer prototype on chargeable basis.

# Injection Molding

## QUANTUM leap in performance



### Injection Molding

- 150 ton Injection Molding machines MILACRON QUANTUM SERIES and expand it to 6 machines within 1 year.
- Auxiliaries - Plastic conveying system - WITTMAN / Prasad group also planning for robot on machines for quality parts.
- Overhead crane and hoist - marketing DEMAG.

### Injection Mold Storage Area

We have a proper racking system to store molds safely.

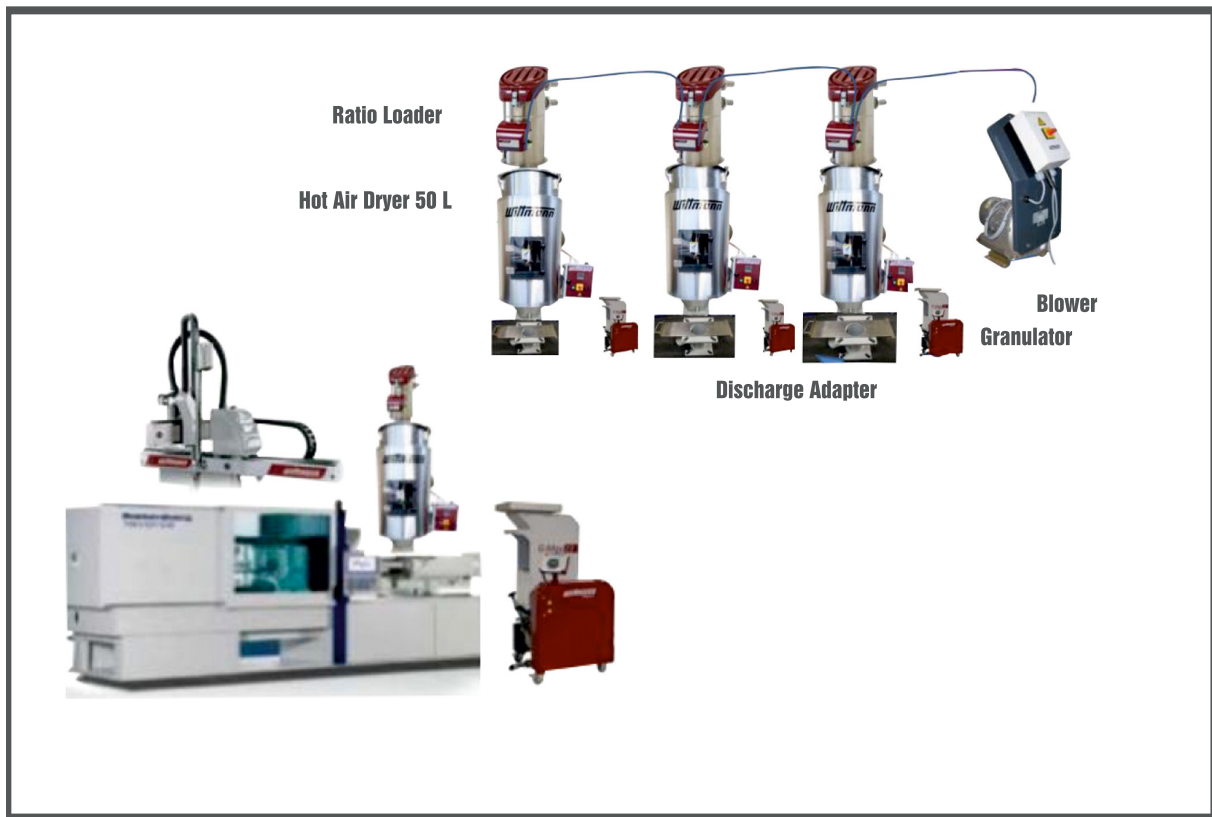


### Goods Storage Area

We have a 5s compliance of storage area with state of the art ERP inventory management software to control minimum and maximum level of inventories and FIFO methods.

# Injection Molding

## Plastic Auxiliaries



**Demag Rope Hoist Crane**



**Chiller**  
PRASAD GWK GERMANY



**Air Compressor**  
ATLAS COPCO SWEDEN



**Air Handling Unit**  
Air handling unit for dust free air.

# Injection Molding FAQs

## For Injection molding (information needed from customer)

- |                       |                              |
|-----------------------|------------------------------|
| 1) Part weight        | 6) Carton box                |
| 2) Total shot weight  | 7) Plastic type              |
| 3) Mold size          | 8) Physical sample/Component |
| 4) Number of cavities | 9) Fitment of component      |
| 5) Packing standard   | 10) Approved signed samples  |

### 1 How much capacity/tonnage machines we have?

Range of machines are 80-150 ton.

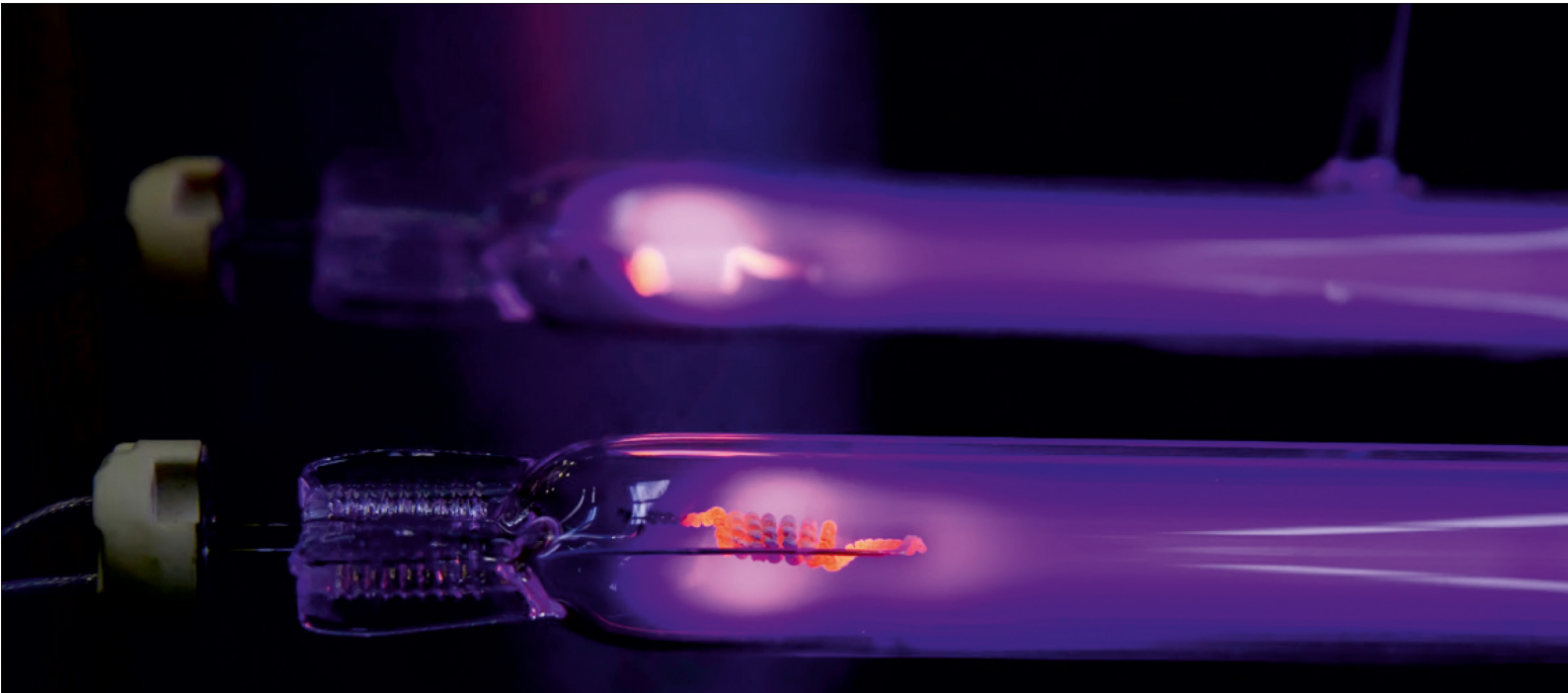
### 2 What type of machine we use?

Horizontal machine.

### 3 What are the benefits of Molding + Metallizing in House?

It leads to:

- » Cost efficient production.
- » Increase in Speed of Output & Fulfilment.
- » Low risk for Customer.
- » Reduction in major defects such as oil, dust, scratches, etc.
- » Optimized Transportation.
- » Single source responsibility

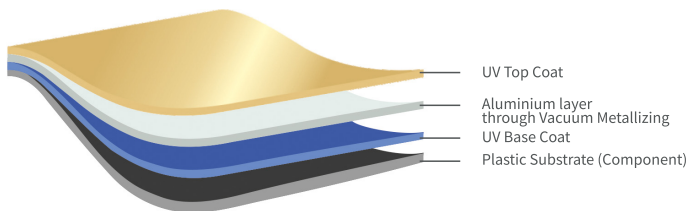


1

## What is Metallizing?

Vacuum Metallizing is a process which facilitates creation of a metal layer on substrate under vacuum conditions. It's a three layer coating process in which

1. First layer is the base coating which is used for adhesion.
2. Second layer is the aluminium metal under vacuum.
3. Third layer is the top coating which is used for protection of aluminium film and is scratch resistant.



2

## What is UV Metallizing?

UV Spray and plastic Metallizing is the combination of UV painting (UV curable) and vacuum evaporation of aluminium coating. It is an ideal plastic materials surface treatment.

3

## What is Electroplating?

It is a process of depositing a thin layer of desired metal over a metal object with the help of acid. We don't do Electroplating or chrome plating.



## Our Manufacturing Facilities Are Our Strength

**M**anufacturing at Aadinath UVPACK Pvt. Ltd is carried out through precise and controlled processes to ensure a superior manufacturing facilities are equipped with the most advanced machinery. We produce the best possible results for our customers.

### UV Line

State of art metallizing UV line imported from China, capable of producing 2.5 million parts per month.

### UV Metallizing Area

We have a fully automated, PLC controlled UV Metallizing facility with clean room to produce superior quality metallization on plastics such as **PP, ABS, Nylon and Polycarbonate.**

Our monthly production capacity is 25 lakhs parts.

We can produce a range of different & vibrant colors.



### Inspection Area

We have stringent quality control tests to pass the most strict customer norms and provide them with superior quality products.

## Range of Finishes



### UV Metallizing Gold

All that glitters is not gold but it's UV Metallizing. It is a three layer process to give similar appearance like gold.

### UV Metallizing Silver

Silver effect is similar to mirror effect achieved by Aluminium deposition under vacuum condition.



### UV Metallizing with Dual Tone

A new trend which is very popular in developed countries and now has been developed in India.

### Gloss & Matt Lacquering

In modern techniques, lacquer means a range of clear or coloured finishes that dry by solvent evaporation or a curing process that produces a hard, durable finish.



### UV Metallizing with Matt Effect

This follows the same process as the normal UV metallization along with matt effect in order to give a lusterless high definition appearance which is pleasing to the eyes, and its in trend.

### Colour Available





Application



Product

### Dispenser Pump Parts

### Lipstick Caps



Product



Application



Application



Product

### Face Cream Tube Caps

### Deodorant Caps



Product



Application



Application



Product

### Perfume Bottle Caps/Collar

### Cream Container Caps



Product



Application



Application



Product

### Nail Polish Glass Bottles

### Nail Polish Caps



Product



Application

## Safety Policy

- Fire safety and fire fighting equipment has been installed in the premises
- We provide and ensure appropriate personal protective equipment is worn by workers while carrying out their tasks.
- Personal hygiene of all workers is taken care by providing sanitisers, basins and washrooms.

## R & D

Our research and innovation oriented approach leads us to adapt to the market changes and allows Aadinath UV Pack Pvt Ltd to obtain numerous standard and 'On Demand' solutions.

We have healthy collaborative partnership with (partners, customers, suppliers, etc.) in order to maintain the highest level the technical knowledge that distinguishes us from our competitors.

## Frequently Asked Questions

### 1 What is Sampling Charge?

First time sampling is free. After that sampling charge will be ₹3000 for 10pcs.

### 3 What is Fixture Charge?

Fixture is plastic component which holds the article during UV Metallizing process. It includes cost of mould, plastic and moulding charge.

#### Fixture Charges per DIA

- » Up to 40mm DIA : ₹20,000
- » 40 to 70mm DIA : ₹30,000
- » 70 to 100mm DIA : ₹40,000
- » 100 to 125mm DIA : ₹50,000

(50% has to be paid by Client and rest 50% would be beared by Aadinath UVPack)

### 4 What is the temperature during Metallization process?

In the range of 70° C.

### 6 What are the benefits of providing advanced projection?

It leads to:

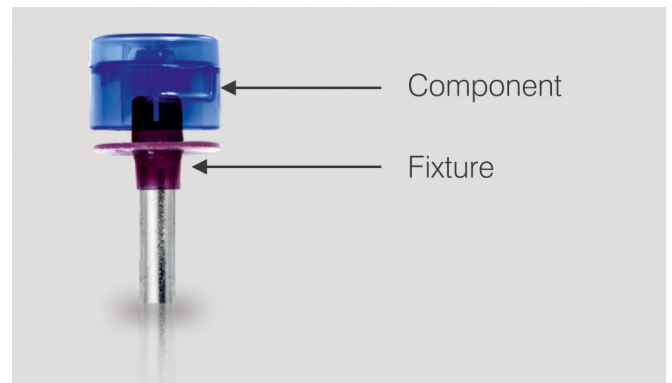
- » More Effective Production Scheduling.
- » Inventory management & Reduction in excess stock.
- » Increased Customer satisfaction.

### 8 What is size limitation do you have in UV Metallizing?

Maximum size limit for uv metallization is 120mm Dia and height 50mm.

### 2 What is MOQ(Minimum Order Quantity)?

Below 40mm Diameter	: 40,000 pcs
Between 40-90mm Diameter	: 25,000 pcs
Between 90-140 Diameter	: 15,000 pcs



### 5 What are our payment terms?

50% Advance & Balance against the Performa Invoice before delivery.

### 7 Which substrates are suitable for metallizing?

Substrates over which we do metallizing:-

- » Plastics (Mainly Polycarbonate, ABS, PP, SAN)
- » Aluminium (Without Oil & Wax)
- » Glass

Substrates over which we don't do metallizing:-

- » High Density Plastics (HDP)
- » High Impact Plastics (HI)

### 9 What is the thickness for UV coating?

10 micron to 20 micron.

