

BEING THE  
**ONE**



**Polymict**

# MESSAGE



**I**n this age of extensive supply chain creation and disruption, it is of paramount importance to get to know

what your customer wants and how to ensure the best possible solutions for every process involved. A way to do this is to always focus on our dictum, “Quality is much better than Quantity”. Through this understanding, our intentions to serve our clients have always been very clear.



**I**nnovating Products and Processes flexible enough to meet client requirements, giving required safety, ease of

work, additional features and defined product life which will help us build relations. A very interesting time to build new processes and have all these stabilized to achieve LEAN Culture is what keeps us on our toes. Our focus is always to Drive Change and Achieve Excellence!

**C.M.D.**  
**Mr. R.M. Sukhatankar**

**C.E.O.**  
**Mr. C.R. Sukhatankar**

# CORE IDEOLOGIES

## VISION

Be the preferred manufacturer in Thermoset plastic products by 2025 in India.

## MISSION

Being the one in the field of Thermoset plastic products by offering required value, flexibility & reduced supply chain for the electrical sector companies.

## CORE VALUES

**M**

**Motivation**

Drive to accept new challenges and make work exciting

**I**

**Independence**

Freedom of thought, expression & action to meet the Vision.

**C**

**Creativity**

Liberty to team to design products & processes to achieve customers' met & unmet needs.

**T**

**Trust**

Imbibing a culture of trust in the company

## PURPOSE

Building relationships by making lives easier of all stake holders.

# OUR HISTORY

1980  
to  
1989

**1980** :- Mr. R.M Sukhatankar left job of a switchgear giant and began business in a small unit in Mumbai for Thermoset Molding

**1984** :- Rising to the opportunity expanded with a Unit in A.nagar

**1989** :- Started in-house tool maintenance with conventional setup

1990  
to  
1999

**1994** :- After a decade of experience started 3<sup>rd</sup> unit for Thermoset parts

**1996** :- Ventured into Contract Manufacturing of Switchgear products with a new team and 2<sup>nd</sup> Location in Ahmednagar

**1998** :- 2<sup>nd</sup> generation Mr. Chinmay joins business taking responsibility for Quality & Development and focus on Brand building

# OUR HISTORY

2000  
to  
2009

**2001** :- 2<sup>nd</sup> Thermoset Molding unit started in Ahmednagar

**2001** :- Diversified in Sheet Metal parts

**2003** :- Group started 2<sup>nd</sup> unit in Nasik for Thermoset parts

**2004** :- Another switchgear product offered which is a clear indication of trust.

**2006** :- New unit added for increased demand of Switchgear products

**2008** :- All units Shifted to A.nagar as future strategic decision

**2009** :- Got into Lean Methodology to eliminate waste with training

2010  
to  
2019

**2010** :- Design & CNC facilities added to tool manufacturing

**2011** :- Group added a 12000 sq. ft. space

**2013** :- Merged 2 Molding units.

**2013** :- Started participating in exhibitions and started expanding PAN INDIA

**2015** :- Participated in Exhibition with a JV for Raw material.

**2017** :- SAP ERP introduced considering future

**2018** :- Plastic injection machines added.

**2018** :- Inspection & Testing facilities were improved

**2020** :- Acquired a new space of 1.75Lac sq.ft. & entered Exports

# Why us ?

**4**  
Decades

As premier manufacturer of GFRP & Phenolic Polymer components



In-House Tool Design & Manufacturing

**UL &  
ISO**

UL and ISO 9001:2015 Certified Company

**400+**  
Team  
Members

400+ Employees with average age of 32 years



Wide range of Thermoset Molding Machines



Multiple Value added processes under one roof



Robust Processes & Systems



Ample space to expand as per clients requirement

**Polymict**



# Our Team



**Team work makes Dream work**



**Happy Teams create Happiness**



**Keeping the Team Fit for Action**



**Always Unbiased for Quality**



**Ambition to become Leaders**



**Training at Gurukul**



**Coming together is Beginning.  
Keeping together is Progress.  
Working together is Success.**

# MOLDING



**61** Vertical compression/  
Transfer Thermoset  
Molding machines  
ranging from **40 to 500**  
**tons**.

For SMC and DMC  
moulded components  
we have installed  
production capacity of  
**1600 tons per annum**.

For Bakelite moulded  
components (Phenolic  
Formaldehyde) we have  
installed production  
capacity of **700 tons per**  
**annum**.

We also produce **UF**  
**(Urea Formaldehyde)**  
and **MF (Melamine**  
**Formaldehyde)** moulded  
components as per  
requirement.



# COMPONENT MANUFACTURING



Polymict



# COMPRESSION MOLDING



## Molding Machine

### Cycles-

1. Compression
2. Transfer
3. Breathing

### Ejection-

1. Top
2. Bottom

### Controls- PLC

### Safety-

1. Mould Ejection
2. Mould side cores

### Temperature-

1. PID controls +/- 1 °C
2. Mould overheat Alarm
3. Heater malfunction alarm



## Hi-frequency Pre-heating

### Capacity-

- 1 Kilowatt to 1.5 Kilowatt

### Bed Size-

- 180 mm X 140 mm

## Cold Storage



### Temperature-

- Below 26°C

### FIFO System-

- For Shelf life

## Phenolic Palletizing



### Machines-

- 40 Ton capacity

### Tablets-

- From 20mm to 65mm

### Capacity-

- 2 Tons/ shift

# INJECTION MOLDING

## Injection Molding Machine



### 1. Make-Ferromatic Milacron

Specifications	M/c 01	M/c 02
Tonnage	80 ton	150 ton
Shot weight	99 gm	272 gm
Tie bar Distance	460x460 mm <sup>2</sup>	510x510 mm <sup>2</sup>

## Hopper Dryer



- 1) Make-Wittmann
- 2) Tonnage-  
Hopper capacity  
150 ton- 50kg & 80 Ton-25kg

## Granulator



- 1) Make-Wittmann

## MTC



- 1) Make-Wittmann

# TOOL DESIGN

## Facilities

- 2D and 3D designing of moulds and press tools by experts.
- High precision and accuracy are achieved by quality check

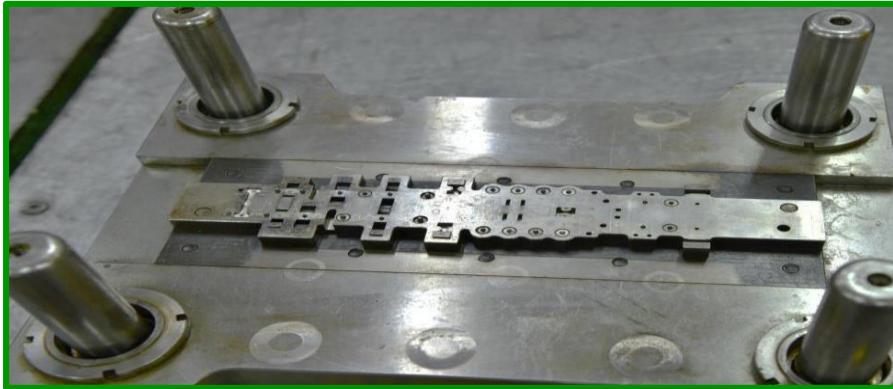
## Expertise in

- Material Selection Process
- Dimensional data verification
- Design for Value Engineering
- Design for Manufacturing
- Design for Assembly
- Design FMEA

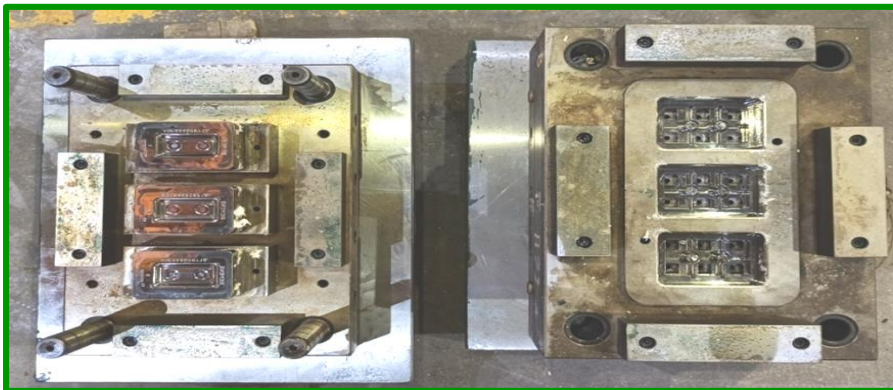
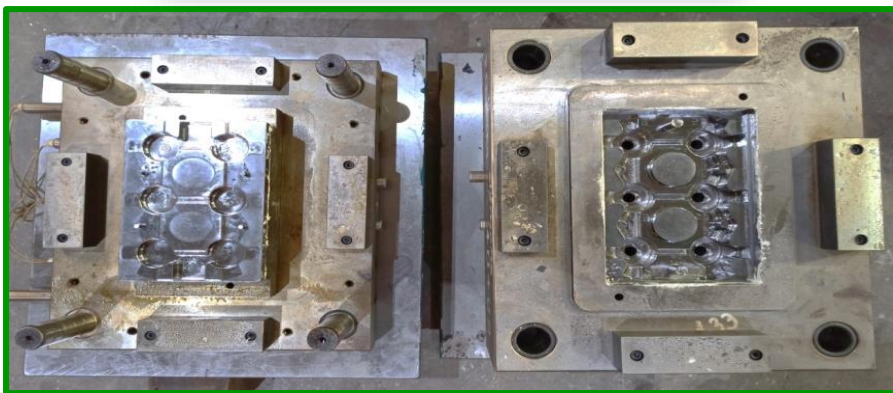


# TOOL DESIGN

Press Tool



Molding Tool



# TOOL MANUFACTURING

## CNC Machines

### Spark Erosion Machine

Make- ELECTRONICA  
Size- 550 X 350 X250mm



### EDM

Make- ELECTRONICA  
Size- 350X200X200mm



### VMC

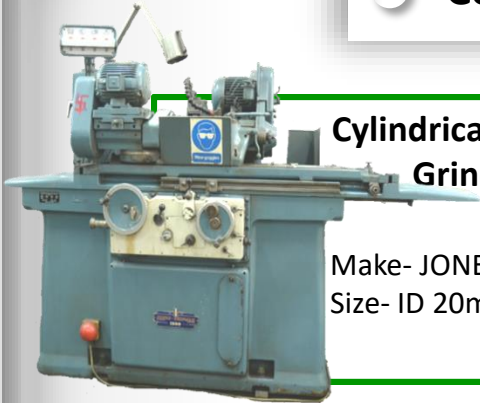
Make- BFW

Size-

- 1) 600X450X500 mm
- 2) 1100X600X600 mm

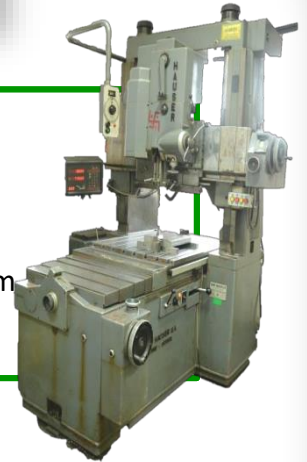
# TOOL MANUFACTURING

## Conventional Machines



### Cylindrical ID & OD Grinding

Make- JONES – SHIPMAN  
Size- ID 20mm/OD 200mm



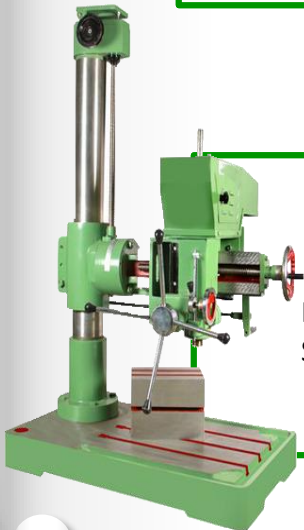
### Jig Boring Machine

Make- Hauser  
Size- 900mmX750mm



### Surface Grinding Machine

Make- BLOHAM SIMPLEX 75  
Size- 750mm X 480mm



### Radial Drilling Machine

Make- WMW  
Size- 600 X 450 X500mm



### Milling Machine

Make- EUROPA  
Size- 1200mm X800mm

# PRESS SHOP



## Facilities:-

1. 13 Pneumatic and Mechanical press machines
2. Machines are ranging from 10 ton to 160 ton
3. Feeder, Decoiler & Straightener
4. Tapping pitch control
5. N. C. Shearing Machine - range up to 6mm thickness





# PRESS SHOP

## Material consumption:-

Brass- 300 ton/ annum

Steel- 80 ton / annum

Copper- 180 ton / annum

Aluminum- 50 ton / annum



# PRODUCT MANUFACTURING

## Facilities

1. Switchgear products
2. Contactor and Starters for Control gear as well as Agriculture Industry
3. Fuses and Connectors for control panel
  - Connectors range from 15 Amp to 100 Amp
  - Fuses range from 2 Amp to 63 Amp for L&T
4. FLP Kit for Motors
5. Rectifier Assemblies
6. Mechanical assemblies for circuit breakers



# PRODUCT MANUFACTURING

## SWITCHGEAR

Contactor



HF Fuses



Agri Starter



## MOTOR

Terminal Block SD



Terminal Block DD



FLP Kit



## ALTERNATOR

CT Assembly



Rectifier UC HC



Terminal Block



## OTHER

VCB Assembly



Wire Harness Assembly



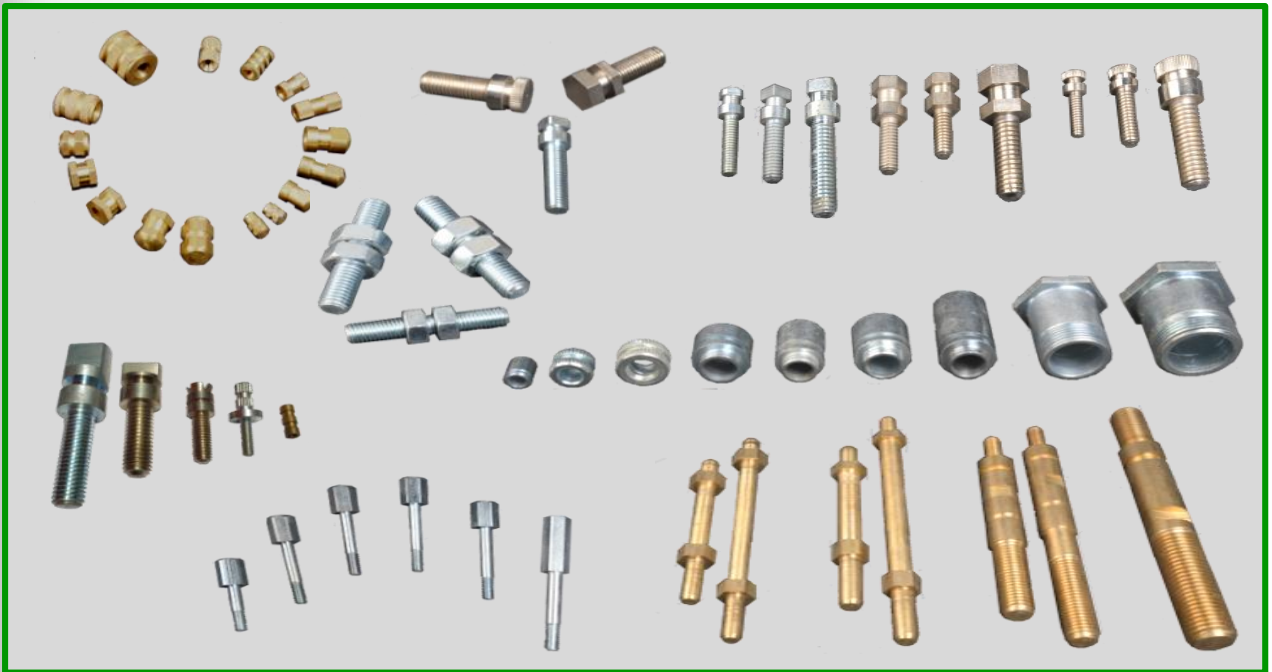
# AUTOMATS

## Facilities-

Make- PMT Machines  
Machines- 12 Nos (3mm to 60 mm)  
Thread Rolling up to 50mm.  
Centre less Grinding up to 50mm.  
Tapping Machine up to 20mm.

## Materials -

1. Brass Extruded - CuZn37
2. Steel – Mild Steel/ EN1A/ EN8D



# QUALITY CERTIFICATES & AWARDS

## ISO Certificate- Amod



**CERTIFICATE OF APPROVAL**  
Issued by Indian Register Quality Systems  
(A Division of IRCLASS Systems and Solutions Private Limited)

This is to certify that the Quality Management Systems of:

Organisation: Amod Industries  
Address: L-215/1, MIDC Area, Nimblek Road, Ahmednagar - 414 111, Maharashtra, India

has been assessed and found conforming to the following requirement

Standard: ISO 9001:2015  
Scope: Manufacturing of  
• Pressed Components  
• Fuses and Switchgear Assemblies for Engineering Industry

Certificate No.: IRQS/190100558  
Original Certification Date : 30/08/2013  
Current Date of Granting : 01/08/2019  
Expiry Date : 26/08/2022




Shashi Nath Mishra  
Head IRQS

This approval is subject to continued satisfactory maintenance of the Quality Management System of the organization to the above standard which will be monitored by IRQS. The use of the Accreditation Mark indicates accreditation with respect to activities covered by the certificate with accreditation no. Co/73, Condition Overleaf  
Head Office: 52A, Adil Shankaracharya Marg, Opp. Powal Lake, Powal, Mumbai - 400 072, India.

## ISO Certificate- Prathamesh



**CERTIFICATE OF APPROVAL**  
Issued by Indian Register Quality Systems  
(A Division of IRCLASS Systems and Solutions Private Limited)

This is to certify that the Quality Management Systems of:

Organisation: Prathamesh Industries  
Address: D-79, MIDC Area, Ahmednagar - 414 111, Maharashtra, India

has been assessed and found conforming to the following requirement

Standard: ISO 9001:2015  
Scope: Manufacture of Thermoset Plastic Moulded Components, Machined Parts and Sub-assemblies for Engineering Industries

Certificate No.: IRQS/190100636  
Original Certification Date : 27/08/2013  
Current Date of Granting : 21/08/2019  
Expiry Date : 21/08/2022




Shashi Nath Mishra  
Head IRQS

This approval is subject to continued satisfactory maintenance of the Quality Management Systems of the organization to the above standard which will be monitored by IRQS. The use of the Accreditation Mark indicates accreditation with respect to activities covered by the certificate with accreditation no. Co/73, Condition Overleaf  
Head Office: 52A, Adil Shankaracharya Marg, Opp. Powal Lake, Powal, Mumbai - 400 072, India.

## UL Certificate- Prathamesh

**CERTIFICATE OF COMPLIANCE**

Certificate Number: 20180312-E339139  
Report Reference: E339139-20100612  
Issue Date: 2018-MARCH-12

Issued to: PRATHAMESH INDUSTRIES  
D-79 MIDC  
AHMEDNAGAR MH 414111 INDIA

This is to certify that representative samples of

COMPONENT - FABRICATED PARTS  
Assigned Designation E339139 Covered under the Traceability Program

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 746D, Polymeric Materials - Fabricated Parts  
Additional Information: See the UL Online Certifications Directory at [www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Marking" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



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## QC Circle Awards



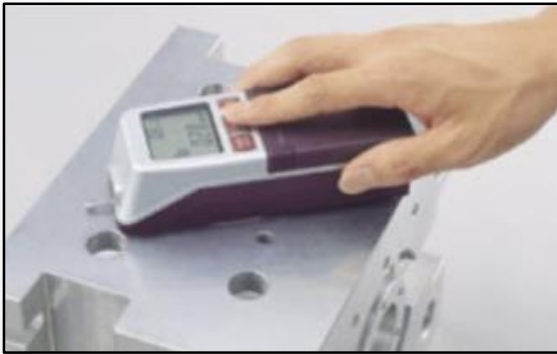
Electrical & Automation Unit of Schneider Electric  
ADSW  
QC Circle  
Competition 2020-2021  
2<sup>nd</sup> Prize

Electrical & Automation Unit of Schneider Electric  
ADSW  
QC Circle  
Competition 2020-2021  
2<sup>nd</sup> Prize

# QUALITY AND TESTING



**Insulation Resistance Test**



**Surface Roughness Test**



**Linear Height Gauges**



**Coil turn Test**



**Destructive plating thickness Test**

# QUALITY AND TESTING



**Vickers Hardness Test**



**Rockwell Hardness Test**



**HV Testing Tester**



**DFT Meter**



**Conductivity Test**

# AREAS OF WORK



Expertise in manufacturing Thermoset products and components for various areas.

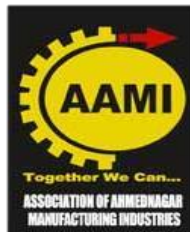




# OUR ASSOCIATIONS



ISO 9001:2015  
Certified by IRQS



AHMEDNAGAR AUTO &  
ENGINEERING ASSOCIATION  
AAEA CLUSTER || Collectively We Prosper



QUALITY CIRCLE FORUM OF INDIA



Excellence and Beyond...

AIRPMA

All India Reinforced Plastic Molders Association

# OUR AWARDS & RECOGNITION



**First Prize in SME sector by  
Maharashtra State Government under  
District Award scheme.  
Year 2013**



**“SME Business Excellence Award”  
By Navbharat Times as Best SME in  
Electrical products  
Year 2017**



**Second Prize in Kaizen Competition  
in MSME Category for  
Regional level from CII  
Year 2018**

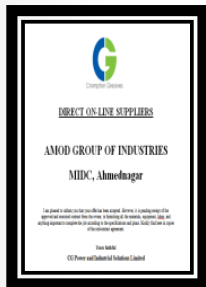


**“National 5S Excellence Award 2019”  
(manufacturing category) from CII  
From Oct 2019 to Oct 2020**

# OUR AWARDS & RECOGNITION



**“Gold supplier award” by  
Larsen & Toubro Ltd  
From 2010 to 2020**



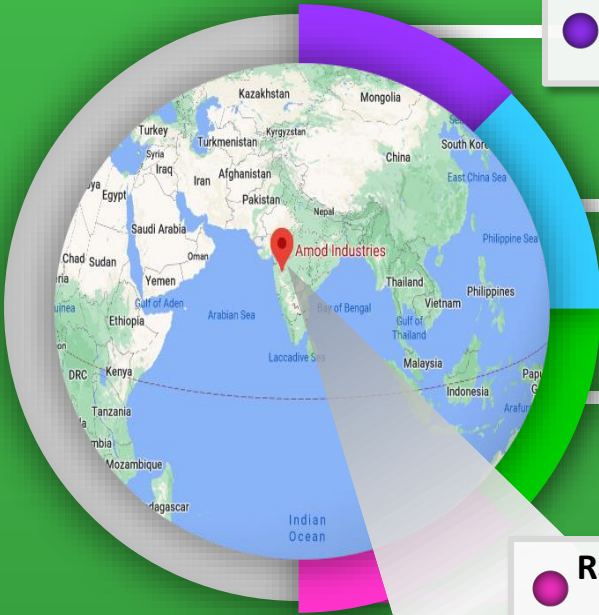
**“Direct On-Line Supplier” from  
Crompton Greaves Ltd.  
for 20 years**



**“Green channel supplier Award”  
by Cummins Generator Tech Pvt Ltd  
for past 17 years**



**“Self Certified Supplier” from  
Sigma Electric Manufacturing Corp.  
for 8 years**



**In the heart of the Maharashtra, India**

**Near to many metro cities**

**Cost effective Location**

**Railway station 12 Km and Airport 120 km**



**AHMEDNAGAR**



**[www.amodindustries.co.in](http://www.amodindustries.co.in)**



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