

BEING THE
ONE



Polymict
making lives easier

MESSAGE



In 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.



Innovating 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 3rd unit for Thermoset parts

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

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

OUR HISTORY

2000
to
2009

2001 :- 2nd Thermoset Molding unit started in Ahmednagar

2001 :- Diversified in Sheet Metal parts

2003 :- Group started 2nd 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

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



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 ²	510x510 mm ²

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

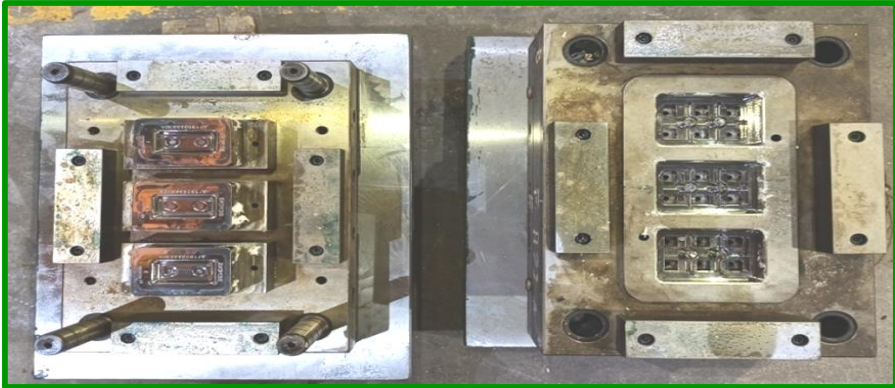
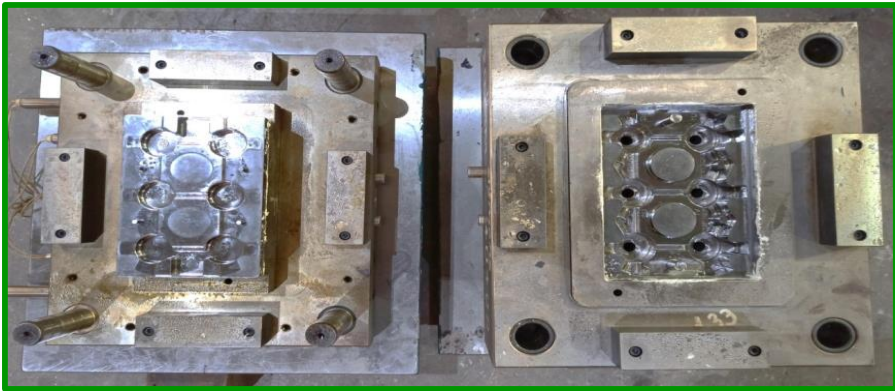


TOOL DESIGN

Press Tool



Molding Tool



TOOL MANUFACTURING

CNC Machines

Spark Erosion Machine

Make- ELECTRONICA

Size- 550 X 350 X250mm



EDM

Make- ELECTRONICA

Size- 350X200X200mm



VMC

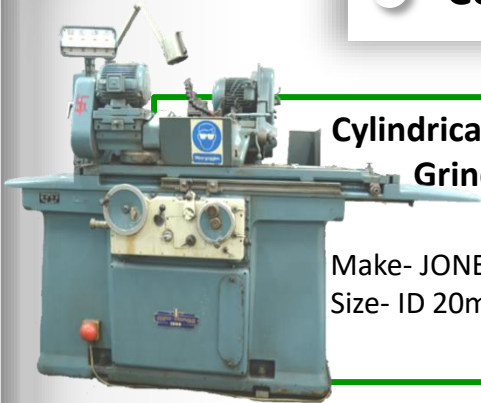
Make- BFW

Size-

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

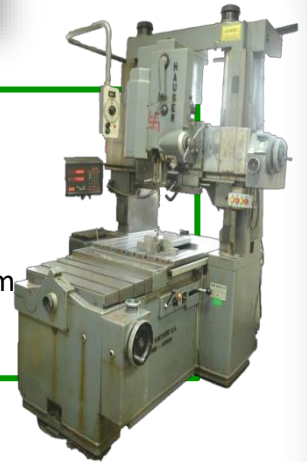
TOOL MANUFACTURING

Conventional Machines



Cylindrical ID & OD Grinding

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



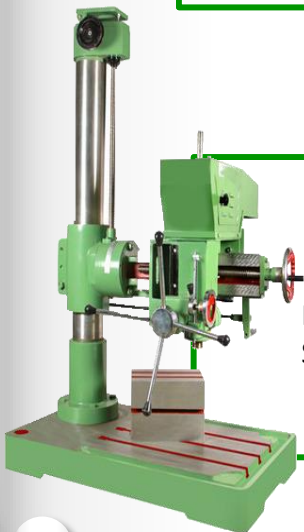
Jig Boring Machine

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

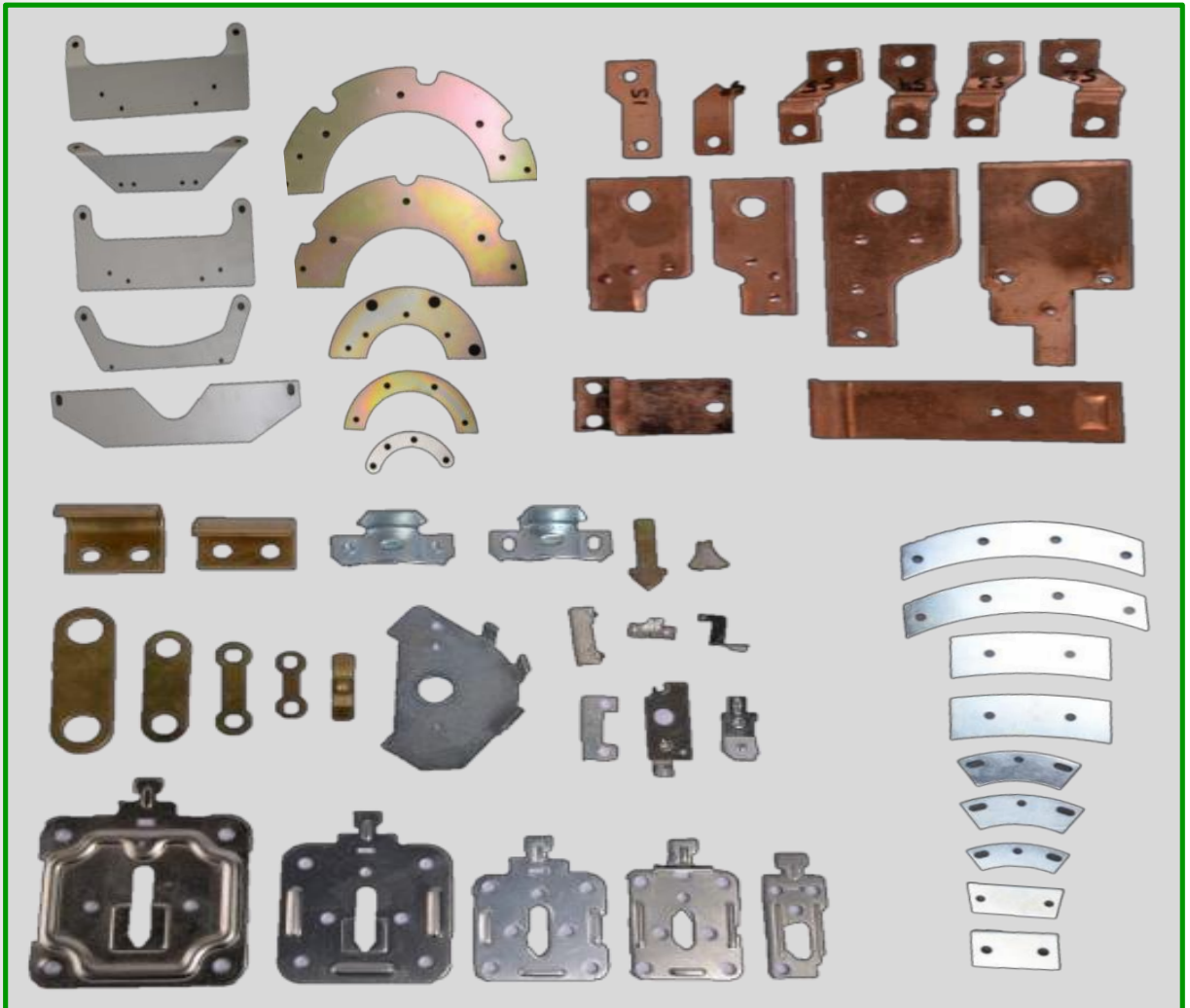
Material consumption:-

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

IRCLASS
SYSTEMS AND SOLUTIONS PRIVATE LIMITED
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,
Nimblak 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 & Switchgear Assemblies
For Engineering Industry

Certificate No.: IRQS/220100874
Initial Certification Date : 30/08/2013
Current Date of Granting : 26/08/2022
Expiry Date : 25/08/2025

  
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 and does not constitute a CEI, Certificate of Approval.
Head Office: 52A, Ash Shankaracharya Marg, Opp. Powell Lake, Powai, Mumbai - 400 072, India.

ISO Certificate- Prathamesh

IRCLASS
SYSTEMS AND SOLUTIONS PRIVATE LIMITED
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 & Thermo Plastic
Moulded Components, Machined Parts and
Sub Assemblies for Engineering Industries

Certificate No.: IRQS/220101146
Initial Certification Date : 27/08/2013
Current Date of Granting : 20/09/2022
Expiry Date : 20/08/2025

  
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 and does not constitute a CEI, Certificate of Approval.
Head Office: 52A, Ash Shankaracharya Marg, Opp. Powell Lake, Powai, 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 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 specifying in the UL Directory preceding the recognitions or under "Markings" 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.



Page 1 of 1

QC Circle Awards



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

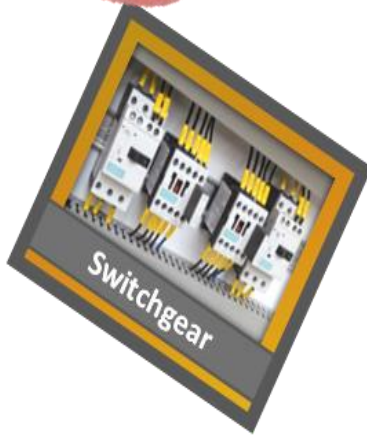


DFT Meter



Conductivity Test

AREAS OF WORK



Switchgear

Expertise in manufacturing Thermoset products and components for various areas.



Motor



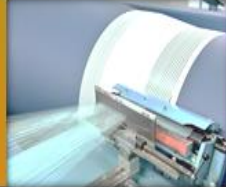
Alternator



Power Distribution



Home Appliance



Textile



Railways



Automobile



Aerospace

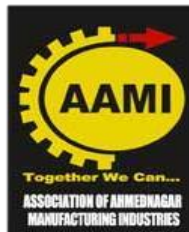


Renewable Energy

OUR ASSOCIATIONS



ISO 9001:2015
Certified by IRQS



QUALITY CIRCLE FORUM OF INDIA

TLC



AIRPMA

All India Reinforced Plastic Molders Association



Excellence and Beyond...

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**

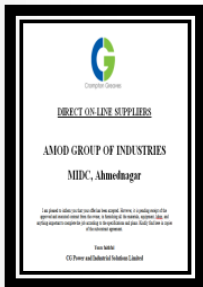


**“National 5S Excellence Award 2019”
(manufacturing category) from CII
From Oct 2019 to Oct 2020**

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



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