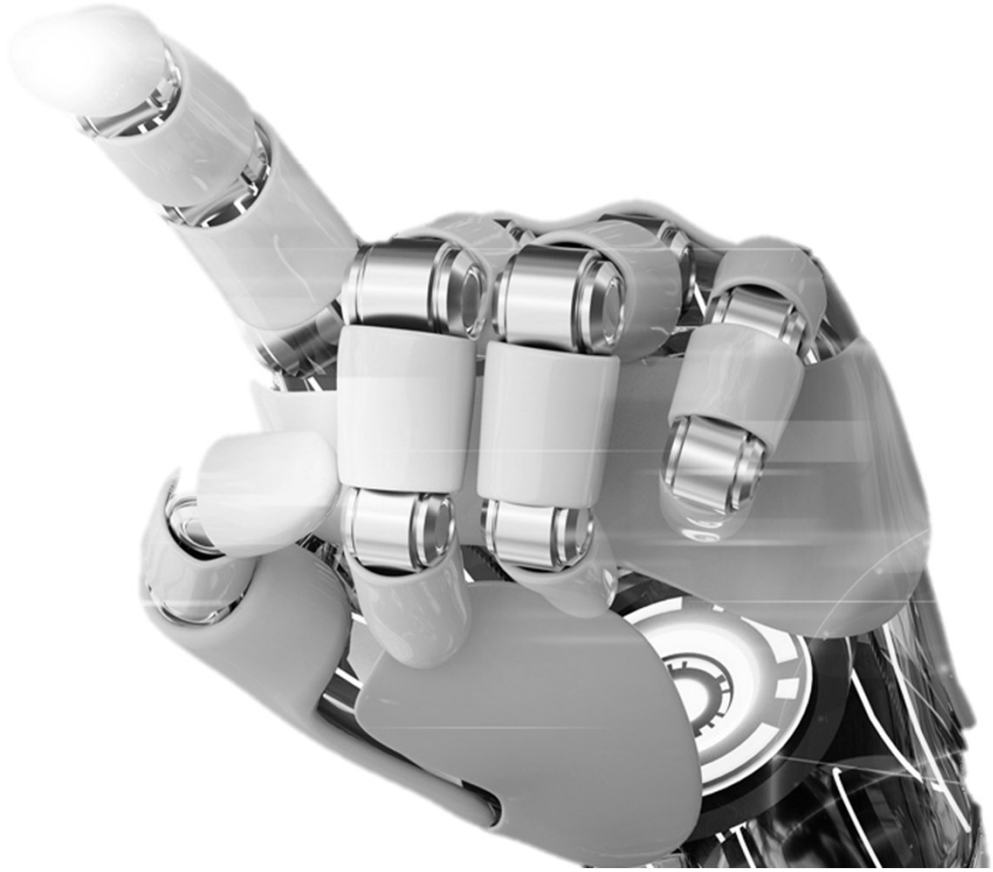
MAHAGANPATI FURNACE ENGINEERING PVT.LTD

Email- info@mahaganpatiengineering.com Ph.+917709920739

Working Industry

- Forging Industry
- Processing Industry
- Food Industry
- Power Generation Industry
- Warehouse & Retail
- Automobile & Auto Ancillaries
- White goods & FMCG
- Foundries



MAHAGANPATI FURNACE ENGINEERING PVT.LTD.

Your...smart automation partner

VISION

To provide an automation technology by exceeding customer's satisfaction with our Best Services across Industry

MISSION

To develop an automation company by providing Quality Products & Services in all Fields at the most Competitive Prices and exceeding the Customer Satisfactions.

Motto

Automate Intelligently. Operate Effortlessly.

About Us

- **MAHAGANPATI FURNACE ENGINEERING PVT.LTD.** established in **2012**, is a professionally managed industrial automation company specializing in **Special Purpose Machines (SPM), Robotics Integration, Conveyor Systems, and Industrial Control Panels**.
- With a strong background in **Mechanical Design, Electrical Engineering, and PLC Programming**, we deliver complete turnkey automation solutions tailored to customer requirements. Our expertise covers machine design, fabrication, control panel manufacturing, PLC/HMI development, Modbus communication, and IoT-based monitoring systems.
- Operating from a well-equipped **5000 sq. ft. manufacturing facility**, we have dedicated areas for design, fabrication, assembly, panel wiring, and machine testing. Our infrastructure allows us to handle customized automation projects efficiently and professionally.
- Our skilled team of **18 experienced engineers and technicians** works with a strong focus on quality, innovation, and timely project execution. We are committed to improving industrial productivity by providing reliable, cost-effective, and high-performance automation systems.
- We aim to become a trusted automation partner for industries across India by delivering engineering excellence and long-term customer support.

MAHAGANPATI FURNACE ENGINEERING PVT.LTD

Your...smart automation partner

PRODUCTS

1	Hydraulic Tilting Tower Furnace	17	Tilting Rotary Furnaces
2	Stationary Tower Furnace	18	Chip Melting Furnaces And Processing Plant
3	Direct Bale out Type Tower Furnace	19	Copper Melting Furnaces
4	Direct Baleout Type Melting Cum Holding Furnaces With Online Degassing	20	Heat Treatment Furnaces
5	Crucible Furnaces	21	Aluminium Heat Treatment
6	Crucible Type Holding Furnaces with SiC heaters	22	Continuous Heat Treatment Furnace
7	Crucible Type Holding Furnaces with Coil Type Heaters	23	Continuous Gas Carburising Furnace
8	Gas Fired Holding Furnace	24	Transfer Ladle
9	T6 - Continuous Heat Treatment Furnace	25	Kettle Type Ladles
10	Drop Quench Solutionising Furnace	26	Electrically Heated Ladles
11	Electrical Crucible Furnace	27	Ladle Preheaters
12	Recycling Furnaces	28	Degassing Machines
13	Scrap Melting Cum Holding Furnace	29	Dross Recovery Machines
14	Scrap Melting and Ingot Casting Plants	30	Electrically Heated Launders
15	Aluminium Dross Processing Plant	31	Refractory Lining and Repairing
16	Rotary Furnaces	32	Project Consultancy

MAHAGANPATI FURNACE ENGINEERING PVT.LTD

Your...smart automation partner

PRODUCTS (MACHINE)

1. CORE SHOOTER MACHINE
2. LPDC (LOW PRESSURE DIA CASTING)
3. Tilting Gravity DIA Casting
4. GDC (GRAVITY DIA CASTING)
5. RCM (rotary cutting machine
6. DECORING MACHINE
7. CONVEYOR

✅ **Project Execution Completed**

MELTING CUM HOLDING FURNACE



1. MELTING CAPACITY 1 TON/Hrs.
2. HOLDING CAPACITY 2.5 TON.
3. DEGASING CHAMBER 500 KG.
4. TAP OUT CAPACITY 500 KG.
5. DEGASING CONTINOUES.
6. METAL TEMPERATURE 720 DEG.

✅ Project Execution Completed

SKELNER FURNACE:



1. MELTING CAPACITY 750 KG/Hrs.
2. MONOLITHIC REFRACTORY LINING.
3. HYDRAULIC TILTING.

✅ **Project Execution Completed**

LPDC FURNACE CRUCIBLE LESS

1. MONOLYTHIC LINING
2. HOLDING CAPACITY 500KG.
3. TOP SIDE HEATER SILICON CARBIDE







✅ Project Execution Completed

LPDC











✅ Project Execution Completed



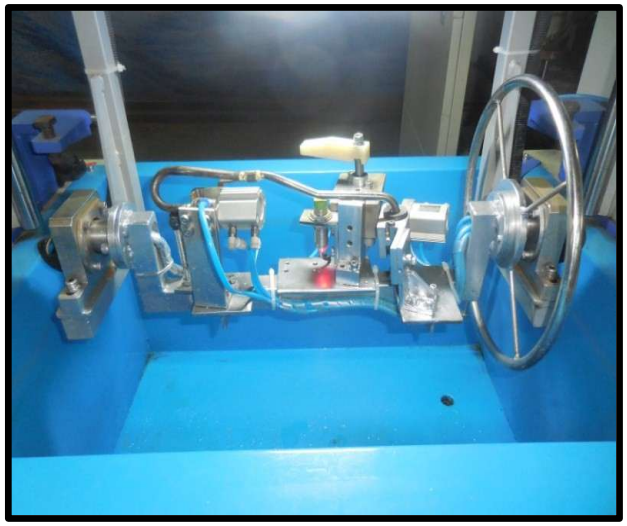
✅ Project Execution Completed







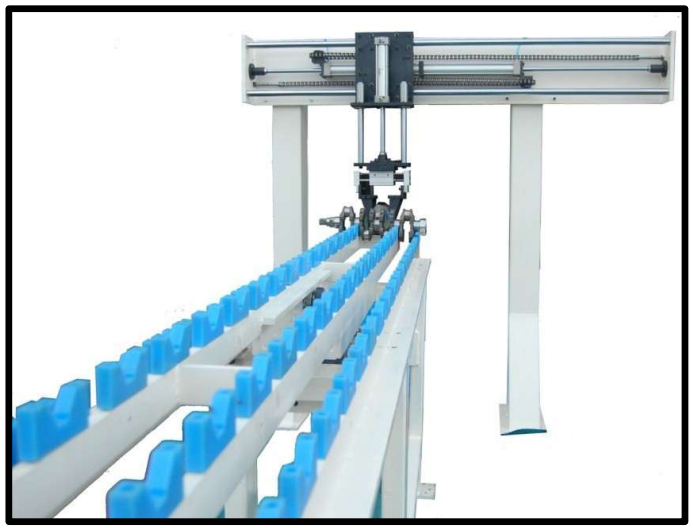


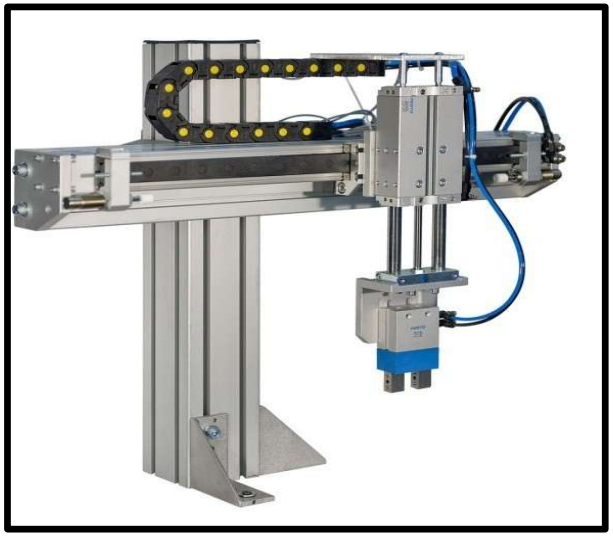


Special Purpose Machine

- **Leak test**
- **Pipe cutting**

✅ Project Execution Completed





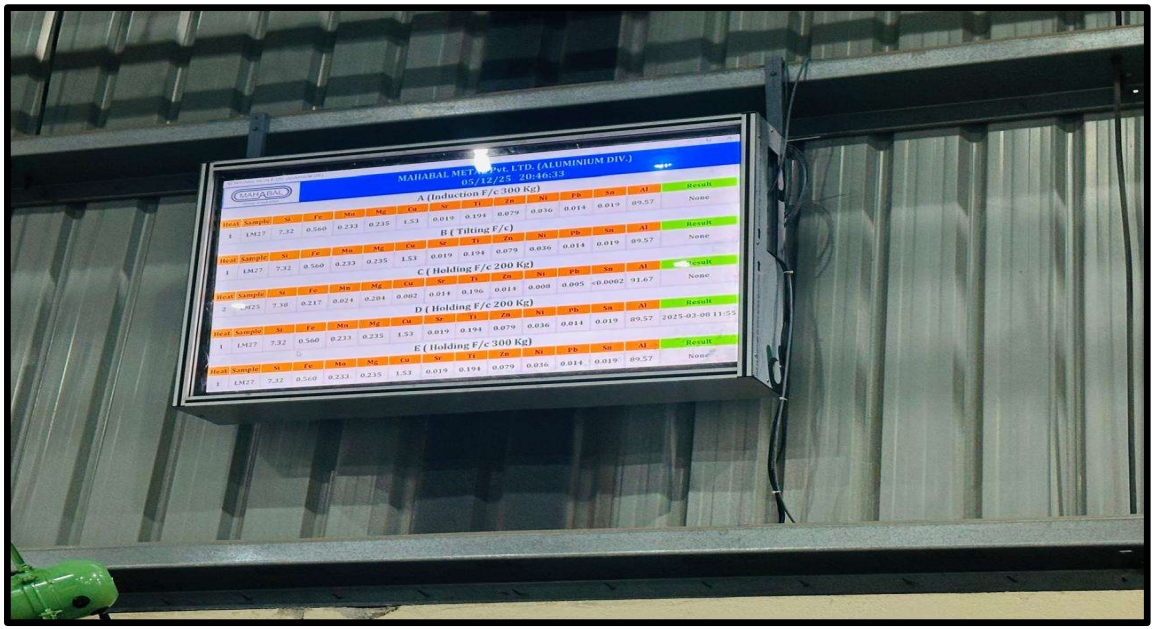


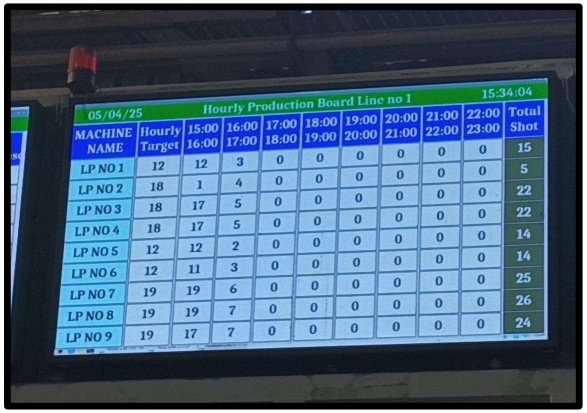
Pick & Place System

- 2 Axis Pick & Place System Gantry system
- 3 Axis Pick & Place System With Gantry system
- Pick & Place System with Mechanical Grippers
- Pick & Place System with Vacuum Grippers

✅ Project Execution Completed







MACHINE NAME	Hourly Target	15:00 16:00	16:00 17:00	17:00 18:00	18:00 19:00	19:00 20:00	20:00 21:00	21:00 22:00	22:00 23:00	Total Shot
LP NO 1	12	12	3	0	0	0	0	0	0	15
LP NO 2	18	1	4	0	0	0	0	0	0	5
LP NO 3	18	17	5	0	0	0	0	0	0	22
LP NO 4	18	17	5	0	0	0	0	0	0	22
LP NO 5	12	12	2	0	0	0	0	0	0	14
LP NO 6	12	11	3	0	0	0	0	0	0	14
LP NO 7	19	19	6	0	0	0	0	0	0	25
LP NO 8	19	19	7	0	0	0	0	0	0	26
LP NO 9	19	17	7	0	0	0	0	0	0	24

Online Monitoring Display and Scada system

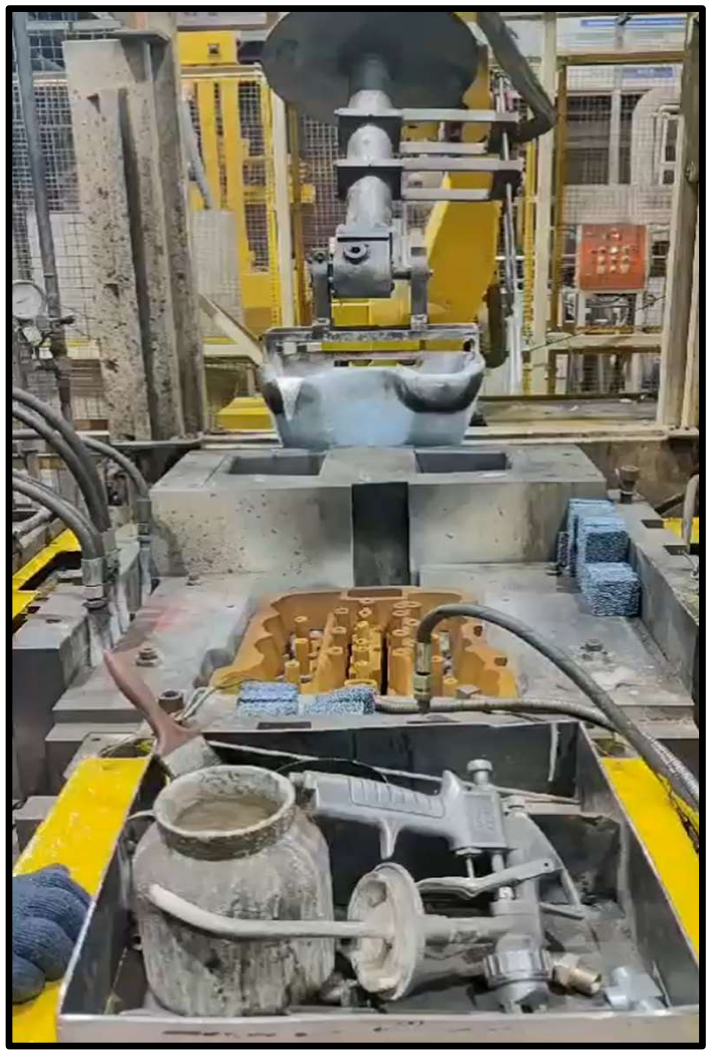
Robotic Operations in Foundry Applications

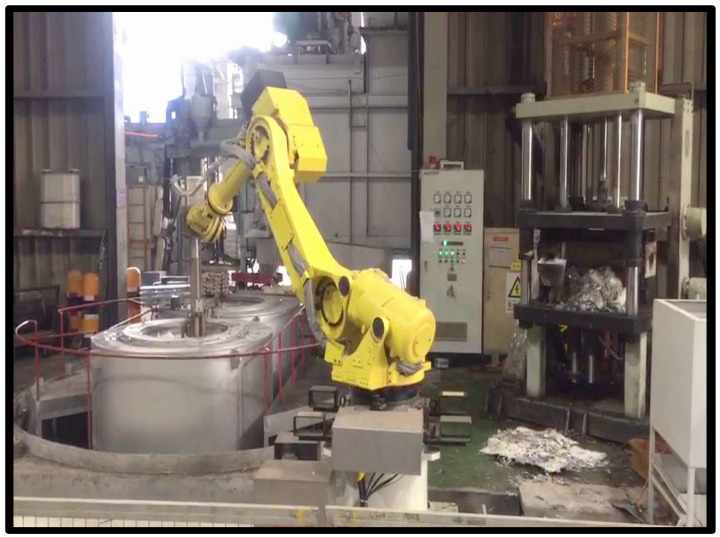
1 Material Handling Robots
2 Pouring Robots (Ladle Handling)Function
3 Fettling & Grinding Robots
4 Core Handling Robots Function:
5. Coating and Spraying Robots Function
6. Degating & Break-off Robots Function:
7. Inspection Robots Function:
8. Palletizing & Packaging Robots Function:



✅ Project Execution Completed

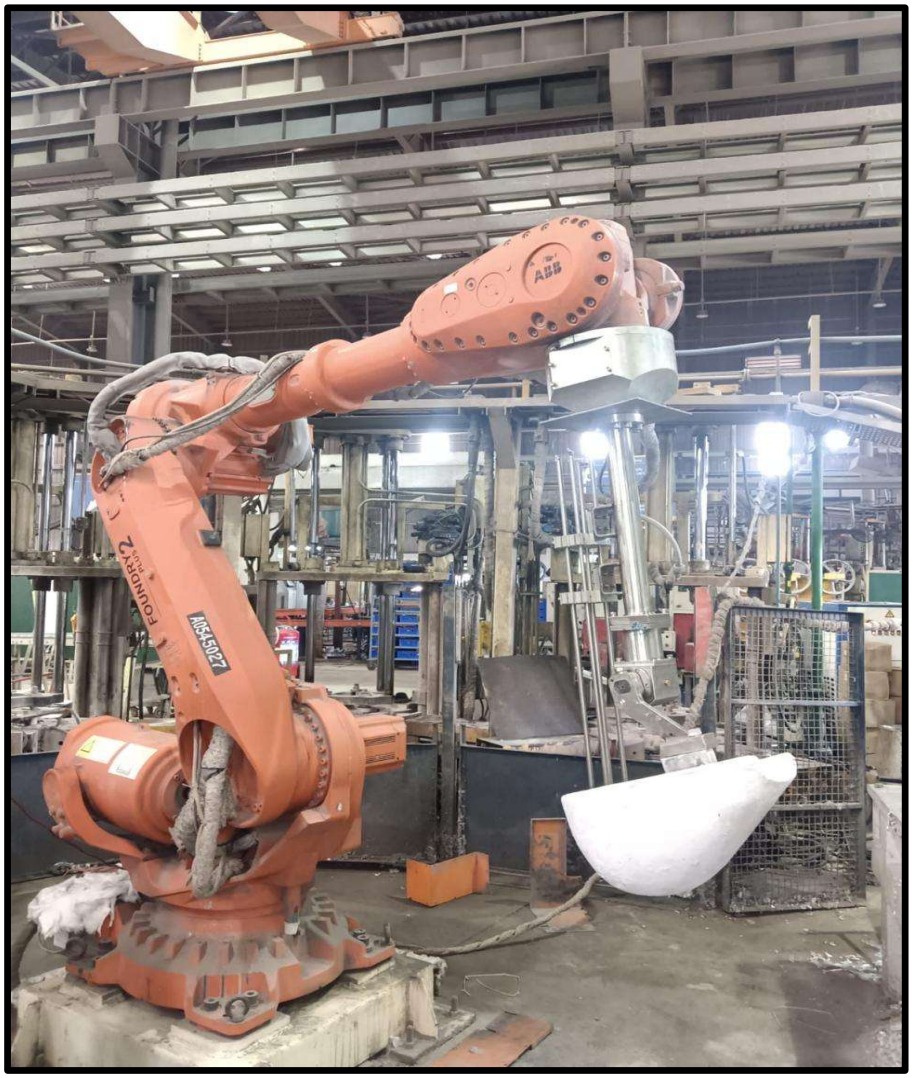






GDC machine utilizes two types of robots: one dedicated to automatic metal pouring and another for riser cutting. This dual-robot setup enhances precision, cycle time, and process automation.

✅ Project Execution Completed



GDC machine utilizes two types of robots: one dedicated to automatic metal pouring and another for riser cutting. This dual-robot setup enhances precision, cycle time, and process automation.

Customer Service & support

Technical Support
This slide is 100% editable. Adapt it to your needs and capture your audience's attention.





Engineered Solutions
This slide is 100% editable. Adapt it to your needs and capture your audience's attention.

Supply & Management
This slide is 100% editable. Adapt it to your needs and capture your audience's attention.

Services
This slide is 100% editable. Adapt it to your needs and capture your audience's attention.

Customer Training
This slide is 100% editable. Adapt it to your needs and capture your audience's attention.

Well trained customer support team to ensure the installation & commissioning and provide customer support, ALL TIME.

MAHAGANPATI FURNACE ENGINEERING PVT.LTD

Your...smart automation partner

Email- info@mahaganpatiengineering.com



Thank You...