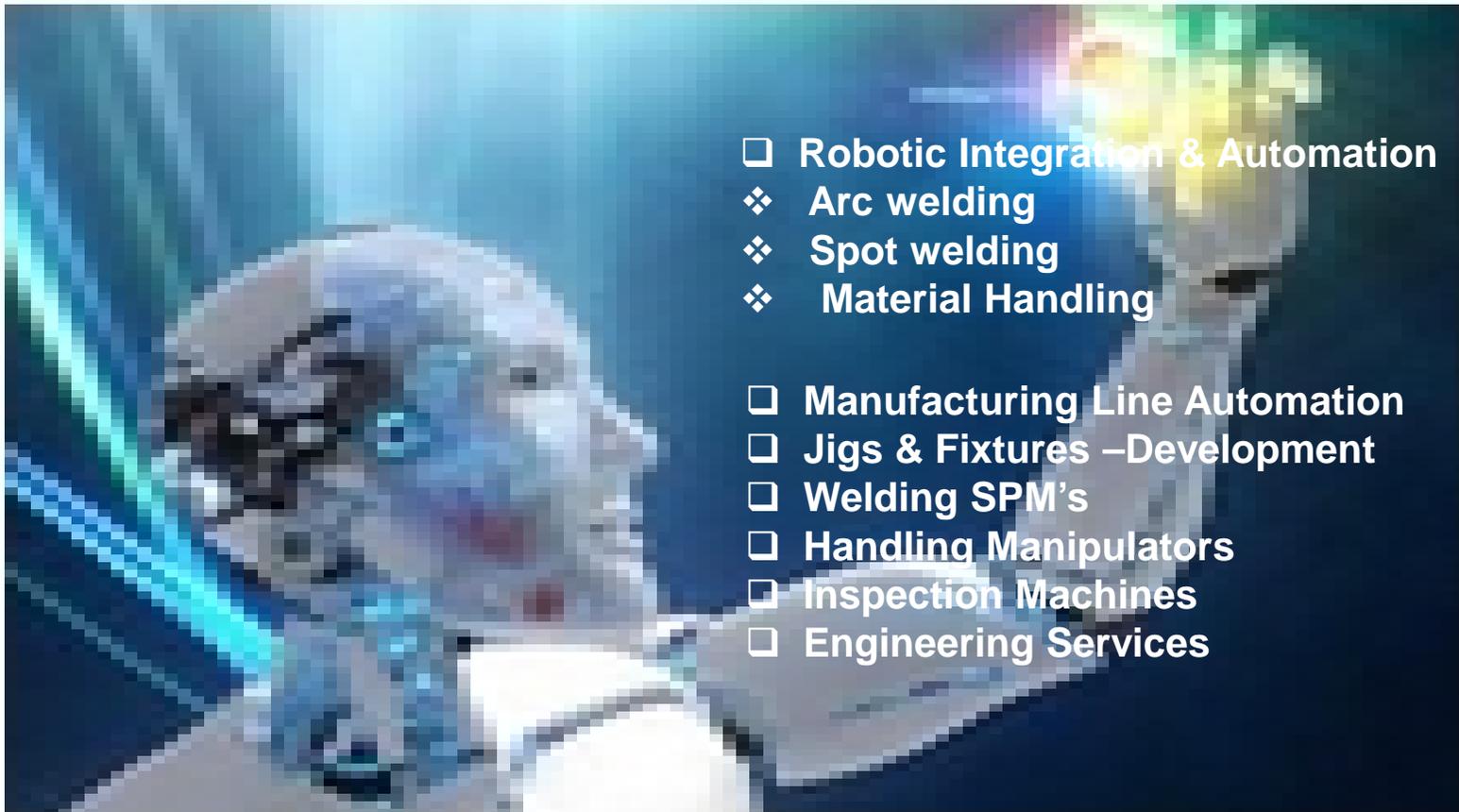


iTech Robotics & Automation Pvt. Ltd.



Office

Chinchwad MIDC Pune
with a combined floor space
of approx. 3000 sq. feet



Manufacturing Setup Chakan

Gat No. 444/2 Plot No 49
Success Property Venture
Nighoje Tal : Khed Dist : Pune
Pin : 410501
Manufacturing Facility
with 10000 Sq.ft Build up 2000 Sq. Ft



Manufacturing Setup Bhosari

Plot No. 129 B
Sector 10
MIDC Bhosari
Manufacturing Facility
with 6500 Sq.ft



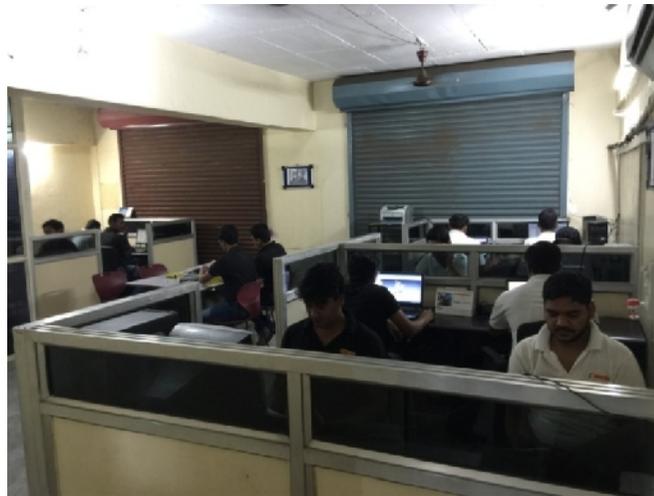
Team

- Mechanical Engineering
- Electrical & control Engineering
- Project Engineering
- Manufacturing Engineering
- Installation & commissioning

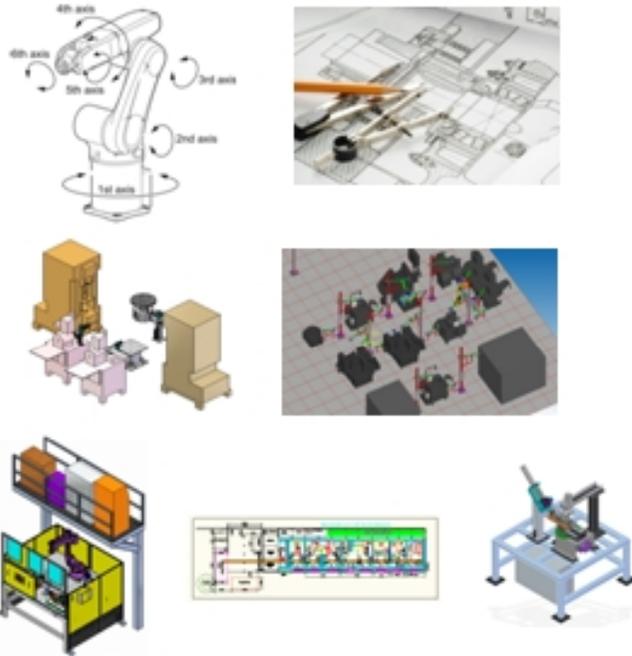


Team

40 skilled engineers working on different fields
with experience ranging from 3 years to 15 years.



Mechanical Design



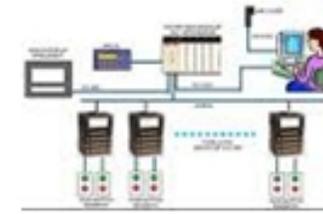
Working with

Solid Edge
Autocad
Roboguide

Controls Design



Control Panel



Networking



Working with

Allen Bradley
Siemens
Messung
Omron
Panasonic
Sick
Balluff



 **Robotics**

Customers



AUTOMOTIVE VALVES



Two wheeler Parts welding



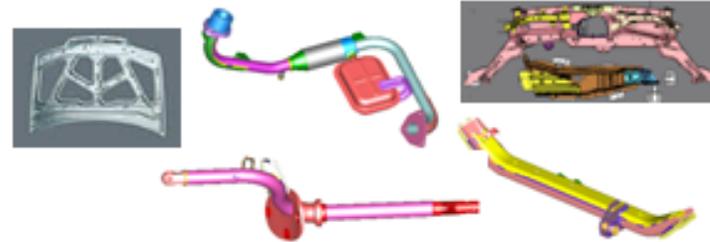
- Frame
- Swing Arm
- Centre Stand
- Main & Rear Stay
- Saree Guard
- Gear change Leve
- Frame parts
- Pipes & Brackets



Passenger car & 3 Wheeler parts welding



- Engine mtg member
- Suspension Parts
- Trailing Arm
- Cross car Beam
- Bonnet



Heavy Fabrication



- Front Axles
- Rear Axles
- Fork Lift Parts
- Excavator Parts
- Backhow Loader Parts



Various Welding Applications



Radiators



Farm Equipments



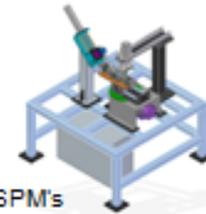
Transformers



Idler Frames

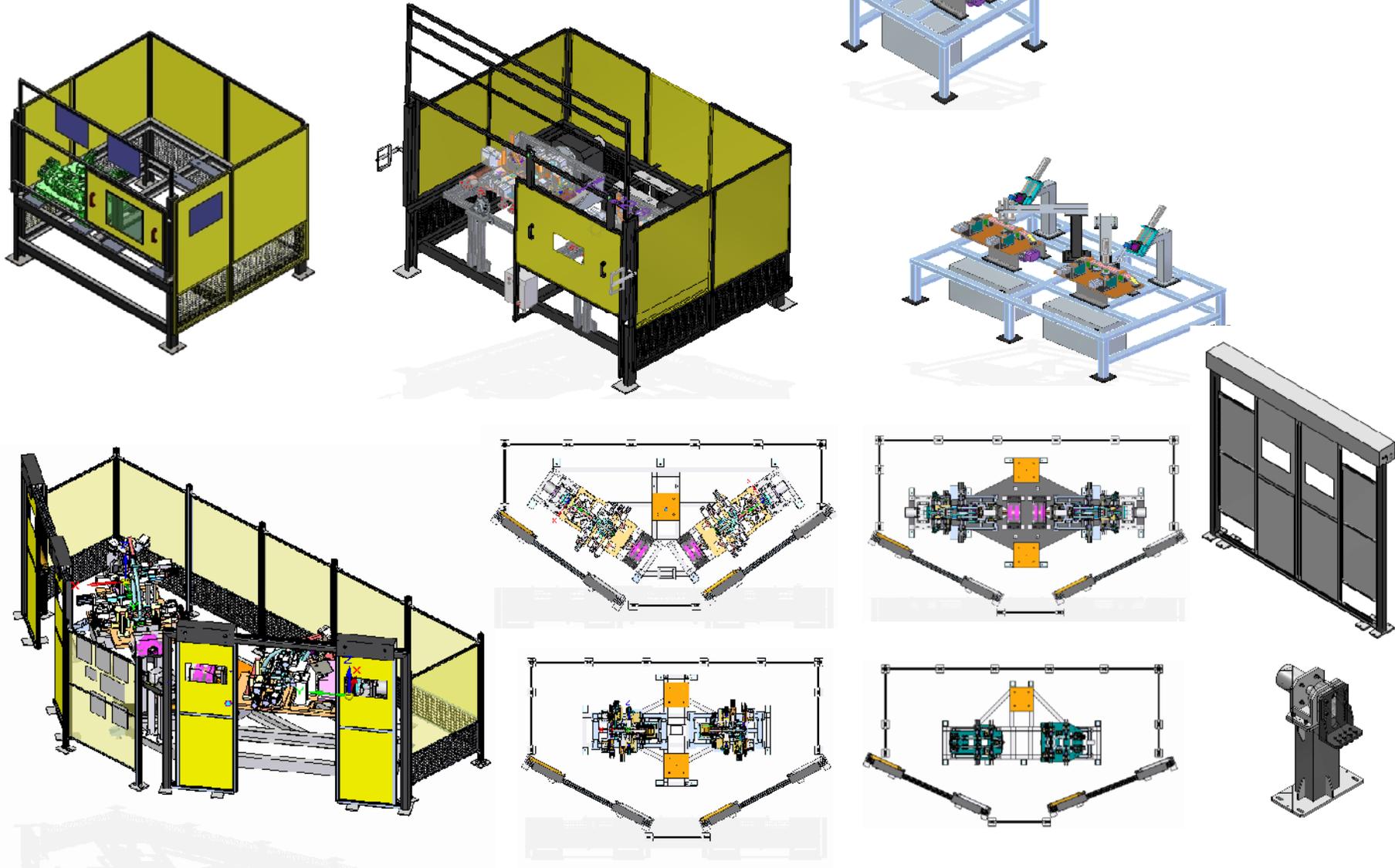


Elevator Parts



Welding SPM's

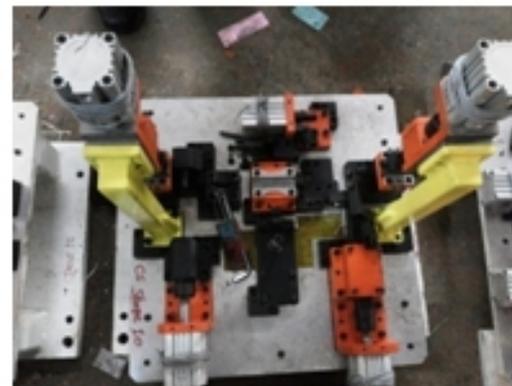
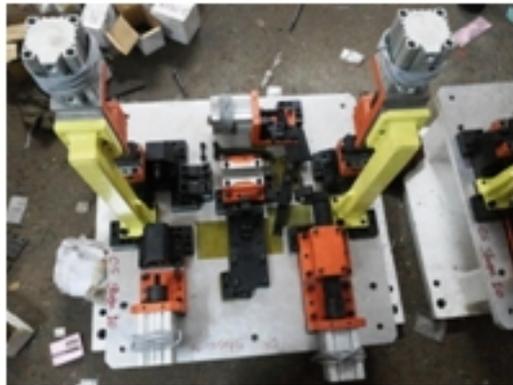
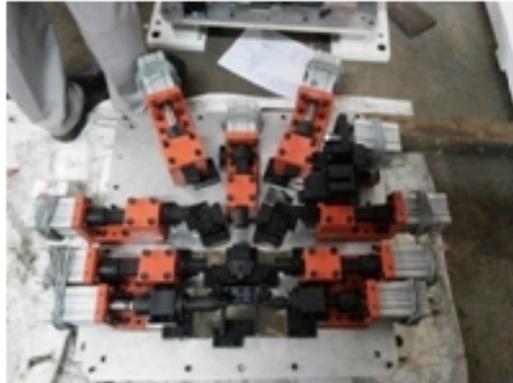
Standard Robotic Welding cells



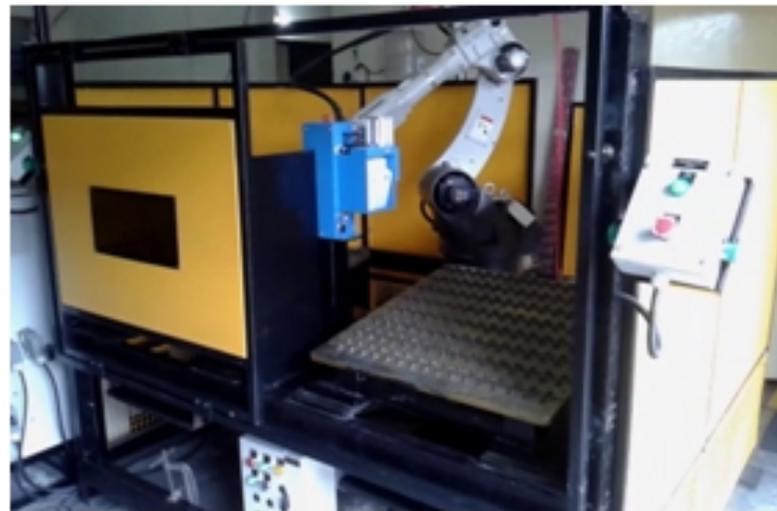
Robotic welding Line for 2 wheeler Child Parts & Frame parts



Robotic welding cell + fixtures



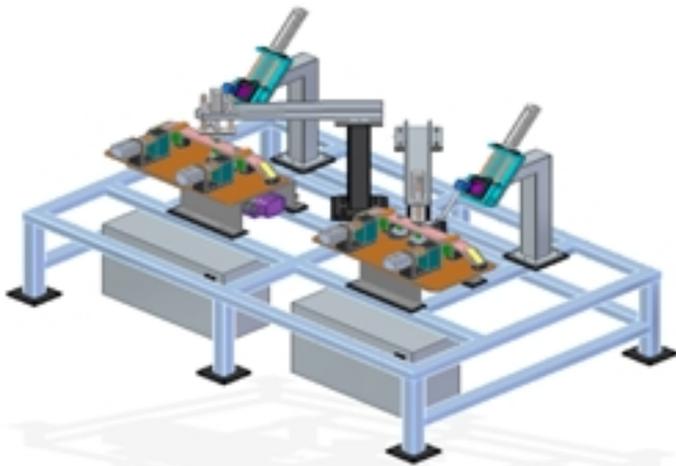
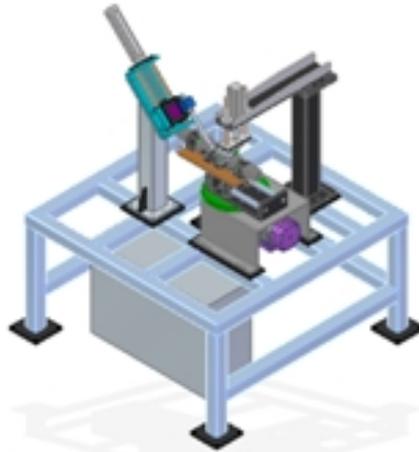
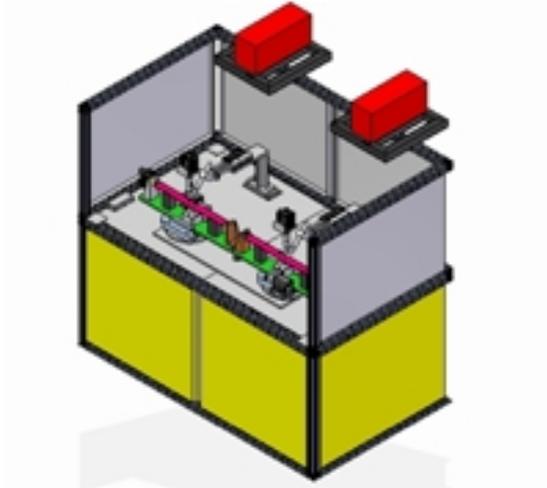
Robotic welding Line for 2 wheeler Petrol Tank parts



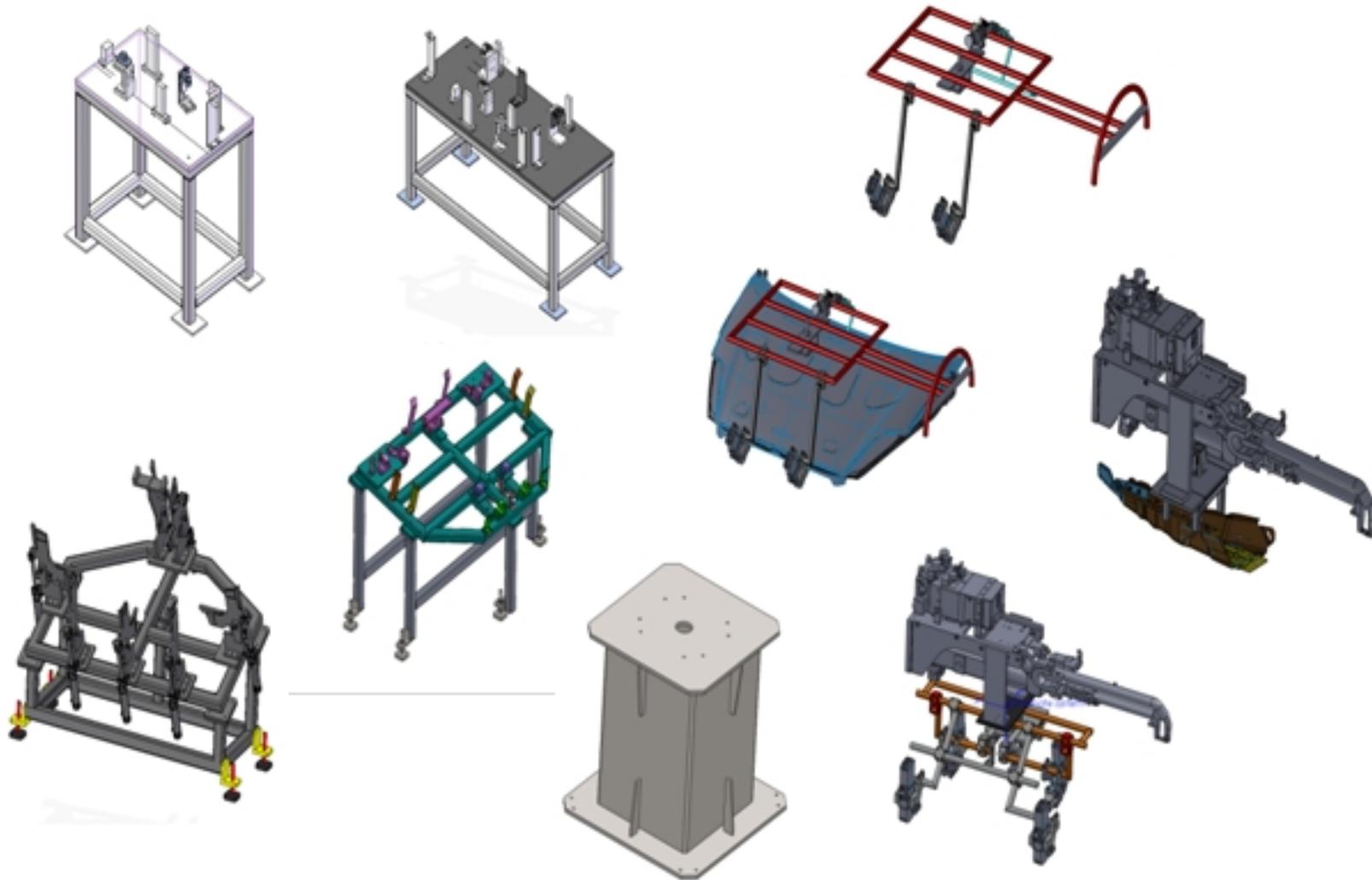
Small Robotic welding cell with Indexing



Welding SPM's



BIW – Fixtures & Grippers



BIW – Fixtures & Grippers



1. Handling Line Automation



Engine Valve Manufacturing
Line Automation

2. Hot Billet handling on Press



Engine Valve Forging



Blades



Crank Shaft



Crank Shaft

3. CNC Machine Loading & Unloading



Flywheel



Brake Drum



Brake Disc



Cylinder Head



Injector Parts

4. Various Material Handling Applications



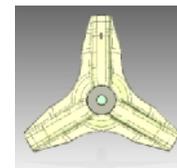
Juice Packets



Ceramic Catalysts



Core



Cross Tube



Pilion Stay



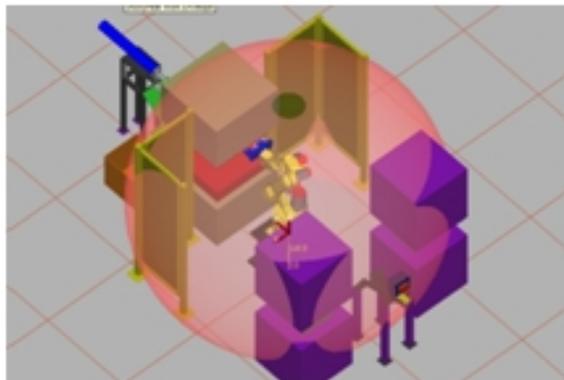
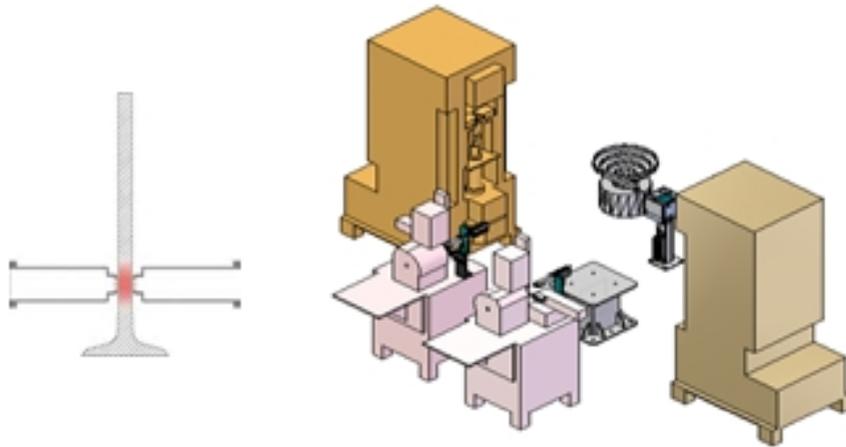
Housing

5. Robotic Deburring for Aluminum Parts

Engine Valve Line Automation



Friction welding & Forging Presses Automation for Engine Valves



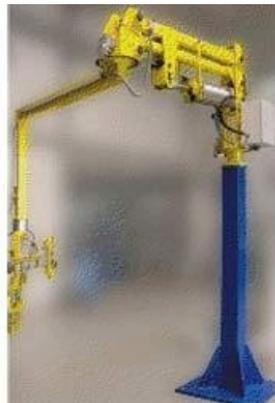
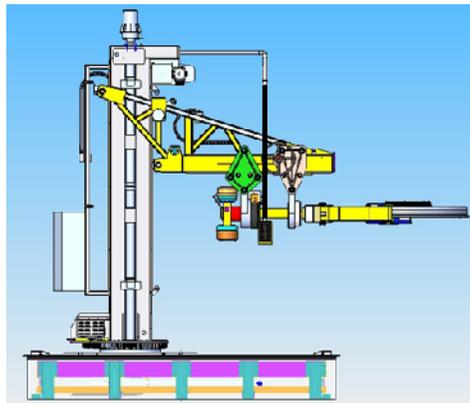
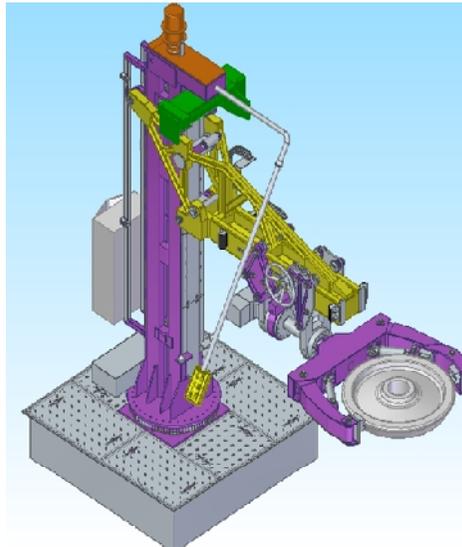
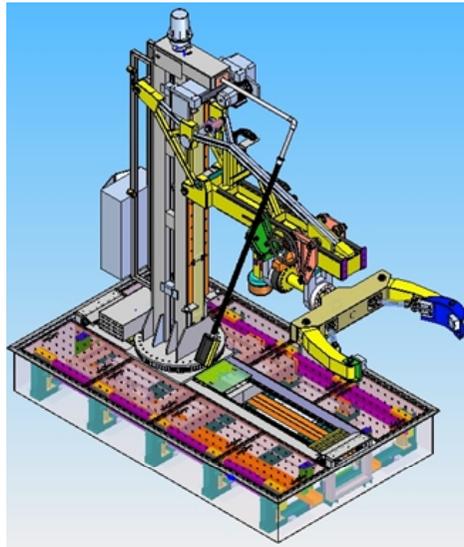
Material Handling Line



CNC Machine Loading Unloading



Handling Manipulators & Jib cranes



Handling Manipulators



Handling Manipulators



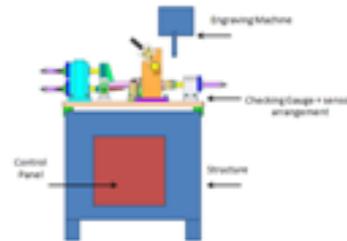
1. Engine Valve Handling & Inspection by Robot



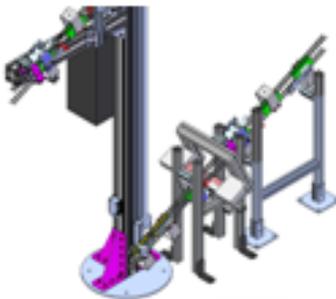
2. Cam Shaft Testing Machine



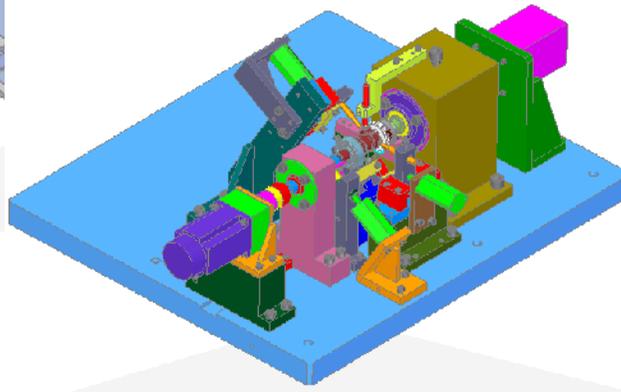
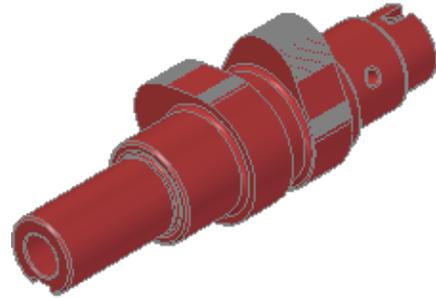
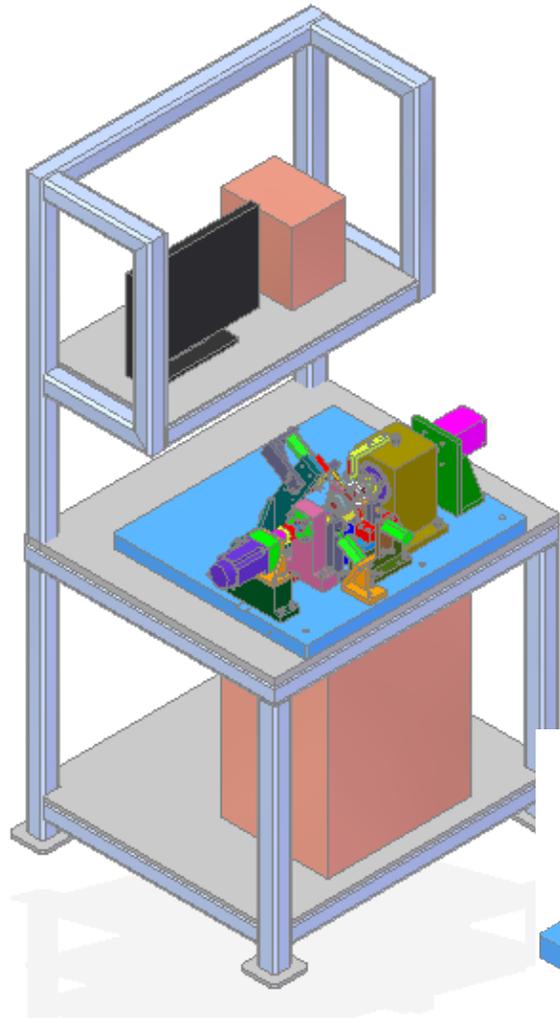
3. Checking Fixture Automation & No Marking



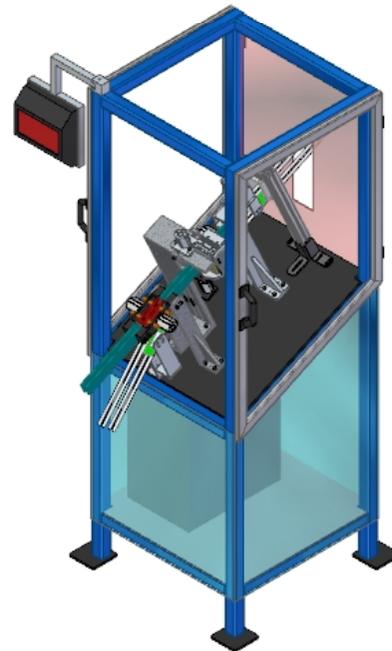
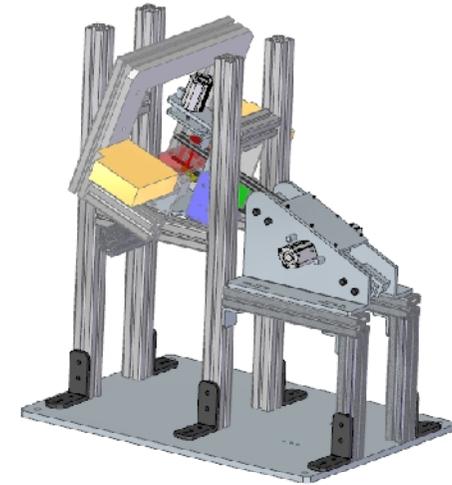
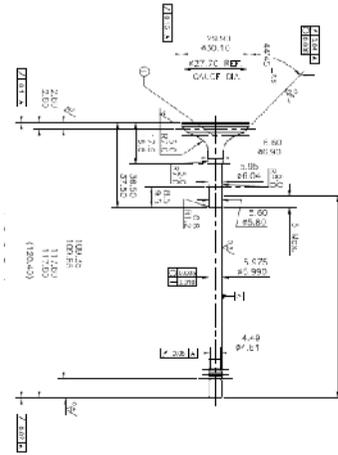
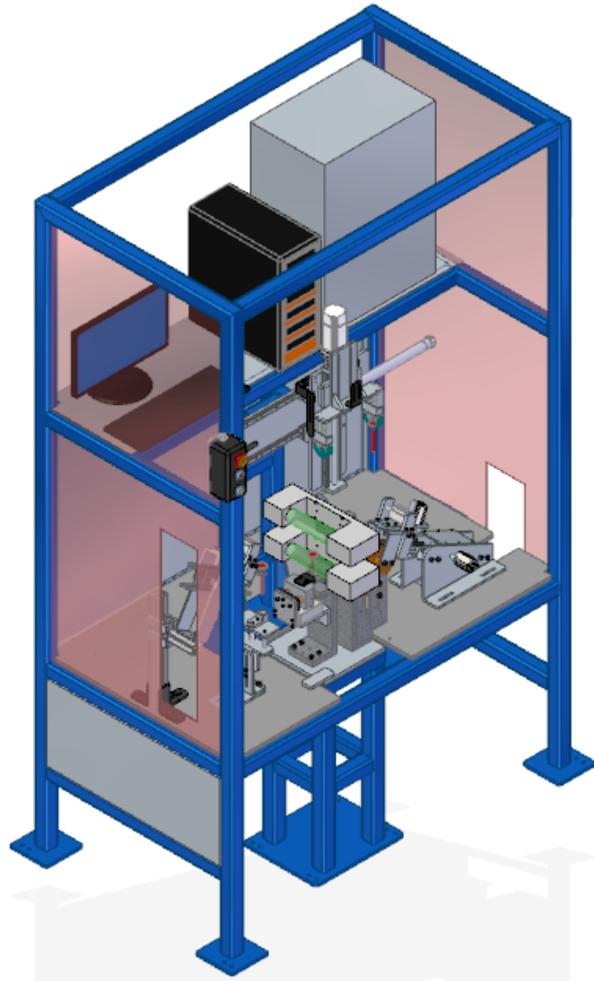
4. Online Gauging & Camera Base Inspection systems



CAM SHAFT INSPECTION UNIT



ENGINE VALVE INSPECTION UNIT





Thank You

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