

About Us

Velocious Tech Solutions LLP has professionals in the Robotics domain with 6+ years experiences in Robotics and Automation companies across Waluj MIDC, Aurangabad, Maharashtra, Bangalore, (India).

Our major customers are automobile industry client. We offer electrical maintenance and Advanced programming of all types of robot. With Industrial Robotic Spear Part

Expertise:

Robot teaching, Robot programming, quality optimization & on-site training of robots.
All Type Industrial Robot Spear Part with Equipments Services.

Spear Part Services: All type Spear Part/ Equipment Available with Part Life (Ex. Servo Cable, Teach Pendant, Controller Card With Repairing/ Shock Sensor, Feeder Part's, Encoder's Battery, Etc...)

Robots worked with: Fanuc, ABB, KUKA, Yaskawa (Motoman), Kawasaki, Nachi, Hyundai, Comau, Universal Robots, Panasonic, etc.

Applications worked with: Spot welding, MIG welding, Laser welding, Ultrasonic welding, Hemming, gluing , pick & place, Machine tending etc.

Range of robot engineering services includes: Robot Servicing, Robotic Maintenance AMC, Teach Pendant Repairing, On-site Robot Programming ,Training Robot Cell Calibration Design and Consultancy Automation Line Shifting, Model Addition, Tact-up Activities, Used Robot Commissioning

Robot Automation

Offering a complete Solutions and Services Related to Robotautomation for all types of industries

Robot Automation Services

- Automotive Body-in-White
- Roller Hemming & Sealant application
- Spot welding, Laser Welding, Arc Welding systems for all types of industries
- Material handling, Metal Pouring
- Plasma cutting, Water-jet Cutting, Laser cutting
- Robotic system AMC
- Production & Maintenance services
- Old used Robots commissioning

- Robot Programming Services
- Robotic manufacturing process planning
- Robot programming Training
- Consultancy services,
- Optimization and improvement of existing line
- New variant addition in existing line

Digital Manufacturing (Process Planning and Simulation)

Complete manufacturing process planning for all industries and simulation Robotic and manual process with analysis

Manufacturing process planning

- Automotive : Body-shop process planning
- Automotive: Assembly process planning
- General industry process planning
- Line Balancing, process optimization
- In process product assembly analysis
- Fixture Manufacturing

Manufacturing process

- Automotive - simulation for all BIW Robotic processes
- Automotive: Assembly process Simulation
- General industry & FMCG simulation
- Robotic Simulation & OLP generation

Controls Design

Complete Electrical design, control topology define and Programming

Electrical Design and Programming

- Complete electrical design for automotive and general industry
- All types of Bus topology and control architecture followed
- Panel building and design

Tools Used

- Siemens Controls, Rockwell Automation Mitsubishi
- AutoCAD for electrical design



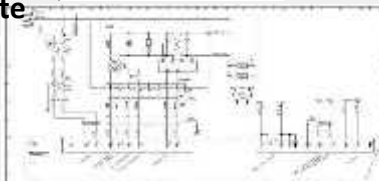
Controls Design

PLC Programming

Controls Design

Panel Building Onsite

Installation



Manufacturing Capability with Partners

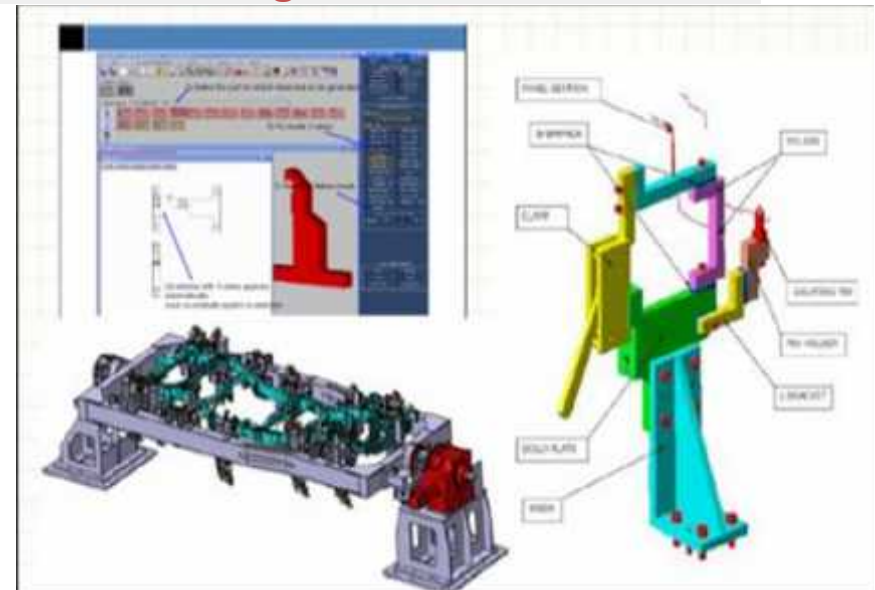
Manufacturing and development of BIW Fixtures, Soft Dies, Production Dies, SPM, Tooling, Measuring Fixtures, Robotic Grippers and Tooling

Installation Commissioning Service

- Complete BIW Tooling and Fixtures manufacturing
- Measurement Fixtures and Quality Jigs
- Robotic Grippers and other robotic Tooling
- SPM

Installation Commissioning Service

- Onsite installation of Fixtures, equipments , tooling's
- Commissioning and prove out with certification



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