

## About us

**D K Robotics** was founded in year 2022 by two young professionals aiming to deliver affordable automation solutions with excellent customer service & consistent quality in timeline.

**D K Robotics Automation** provides Turnkey Robotics Automation Solutions and industrial Robotic Programming Services to industries. Affordable Automation, Robotic Integration, Engineering Solutions, and Services for Industrial Companies. We work with some of the largest industrial companies across many fields, including automotive, Forging, Foundries, Domestic Appliances, Engineering, Fabrication industries and many more.

**Our Team** – We have a team of more than 7 persons having skills in robot programming, robot maintenance, PLC programming, mechanical assembly and electrical wiring

### **Managing Partners Skills and Experience**

- Expertise in robot programming of Fanuc, ABB, Kuka, Kawasaki, Yaskawa etc
- Hands-on Experience in installation, commissioning, assembly.
- Rich experience in Maintenance and project management.

**D K Robotics Automation** is an industrial automation company dealing in robotics & PLC Automation Products

### APPLICATION EXPERTISE

- ✓ Robotic pick and place
- ✓ CNC & Press machine tending.
- ✓ TiG / MiG welding
- ✓ Laser welding
- ✓ Material handling
- ✓ Palletizing
- ✓ Deburring / grinding
- ✓ Sheet metal bending
- ✓ Spot welding
- ✓ Hot metal handling in forging and foundries

### PROGRAMMING

- ✓ Robot programming & path check for various applications.
- ✓ System Auto trials and part quality prove out
- ✓ Cycle Time Optimization.
- ✓ Production Support
- ✓ Quality prove out support.
- ✓ Robot calibration.
- ✓ OLP applications.
- ✓ Robot to PLC or other devices communication.

### INDUSTRIES SERVED

- ✓ Automotive
- ✓ Forging
- ✓ Foundry
- ✓ Engineering
- ✓ Domestic appliances
- ✓ Leather
- ✓ Pharmaceutical
- ✓ Sheet Metal Industries
- ✓ Precision Machining
- ✓ System Integrators.
- ✓ Fabrication
- ✓ Machine Manufacturers

**Business Portfolio** : D K Automation has rich experience in robot programming, Robot maintenance , Spares Management and Installation and Commissioning Services.

### INSTALLATION

- ✓ Layout marking and cell installation support.
- ✓ Robot initial set up, power up and configuration.
- ✓ Robot Tool/ EOAT setup.
- ✓ IO communication setup with PLC and Peripherals.
- ✓ Pneumatics arrangement
- ✓ Dress pack Management.
- ✓ Safety Fence.

### MAINTENANCE

- ✓ Preventive Maintenance
- ✓ Breakdown Maintenance
- ✓ Annual Maintenance Contract.
- ✓ Battery Replacement
- ✓ Lubrication.
- ✓ Refurbishment.
- ✓ Spares availability
- ✓ Verification of running noise, adjustment and check

## OTHER ACTIVITIES :

- ✓ PLC , HMI & VFD programming support for Mitsubishi, Siemens, Delta, AB.
- ✓ Control Panel Manufacturing based on various PLCs.
- ✓ MCC Panel Manufacturing & Installation
- ✓ Robot / PLC Upgradation support services.
- ✓ Project Management consultancy
- ✓ Documentation.

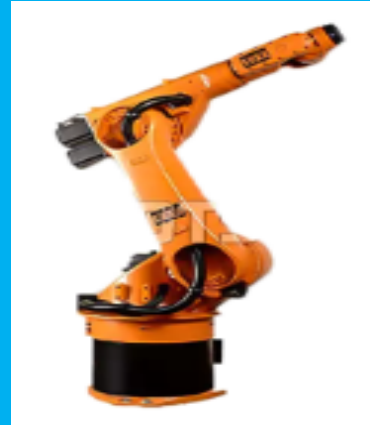
**FANUC**

**Kawasaki**

**ABB**

**YASKAWA**

**KUKA**





**D K Robotics also deals in automation products of various brands as per customer requirement.**

### **PROGRAMMABLE LOGIC CONTROLLER**

- ✓ PLC CPU
- ✓ Input Cards
- ✓ Out cards
- ✓ Communication Cards
- ✓ Remote IO modules
- ✓ Power supply
- ✓ Programming Cables
- ✓ HMI
- ✓ VFD
- ✓ Safety Modules

### **SENSORS**

- ✓ Inductive Proximity sensor
- ✓ Photoelectric sensors
- ✓ Retroreflective Sensors
- ✓ Diffuse sensors
- ✓ Laser distance sensor
- ✓ Ultrasonic sensors
- ✓ Fiber optic sensor
- ✓ Limit switches
- ✓ Encoders
- ✓ Safety Switches

### **ROBOT SPARES**

- ✓ Encoder cable
- ✓ Teach Pendant cable
- ✓ Robot Power supply
- ✓ Robot battery

# TURNKEY AUTOMATION SOLUTIONS

# WELDING AUTOMATION





# WELDING AUTOMATION –TURNKEY PROJECT



## MiG Welding Automation for Pipe Welding

Robot- refurbished Fanuc

Welding Machine- Mogora

PLC panel – Delta Make

Robot to PLC communication – Device Net

Fixtures - Servo Driven ( External Axis ( 7<sup>th</sup> & 8<sup>th</sup> Axis of fanuc Robot)

## WELDING AUTOMATION WITH FANUC REFURBISHED ROBOT





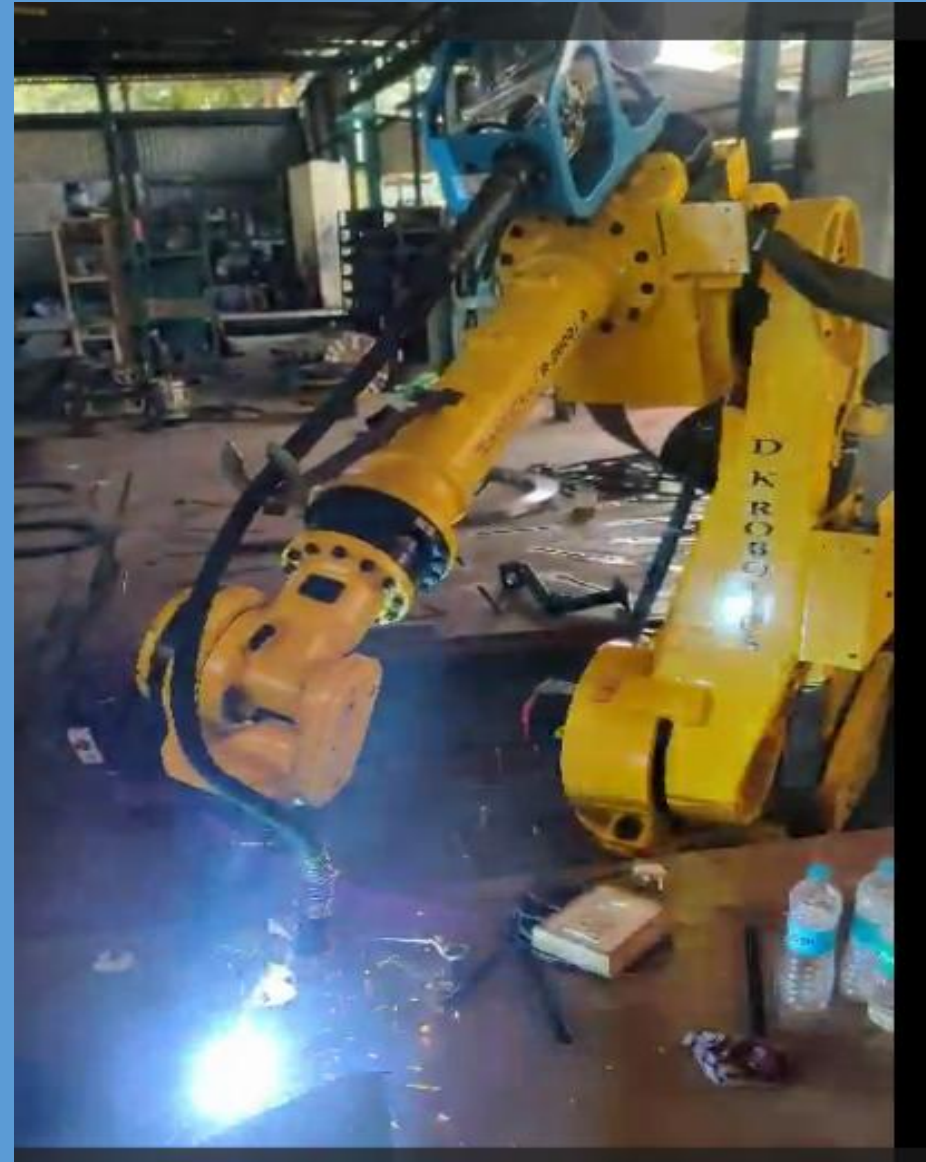
# ROBOTIC CNC MACHINE TENDING CELL WITH FANUC REFURBISHED ROBOT



Delivering Excellence



## ROBOTIC MIG WELDING CELL FOR MS FLANGES WELDING





# ROBOTIC HANDLING OF SHEET METAL BOX



Fanuc Robot with Servo motorized vacuum Gripper





# ROBOTIC MIG WELDING



Delivering Excellence

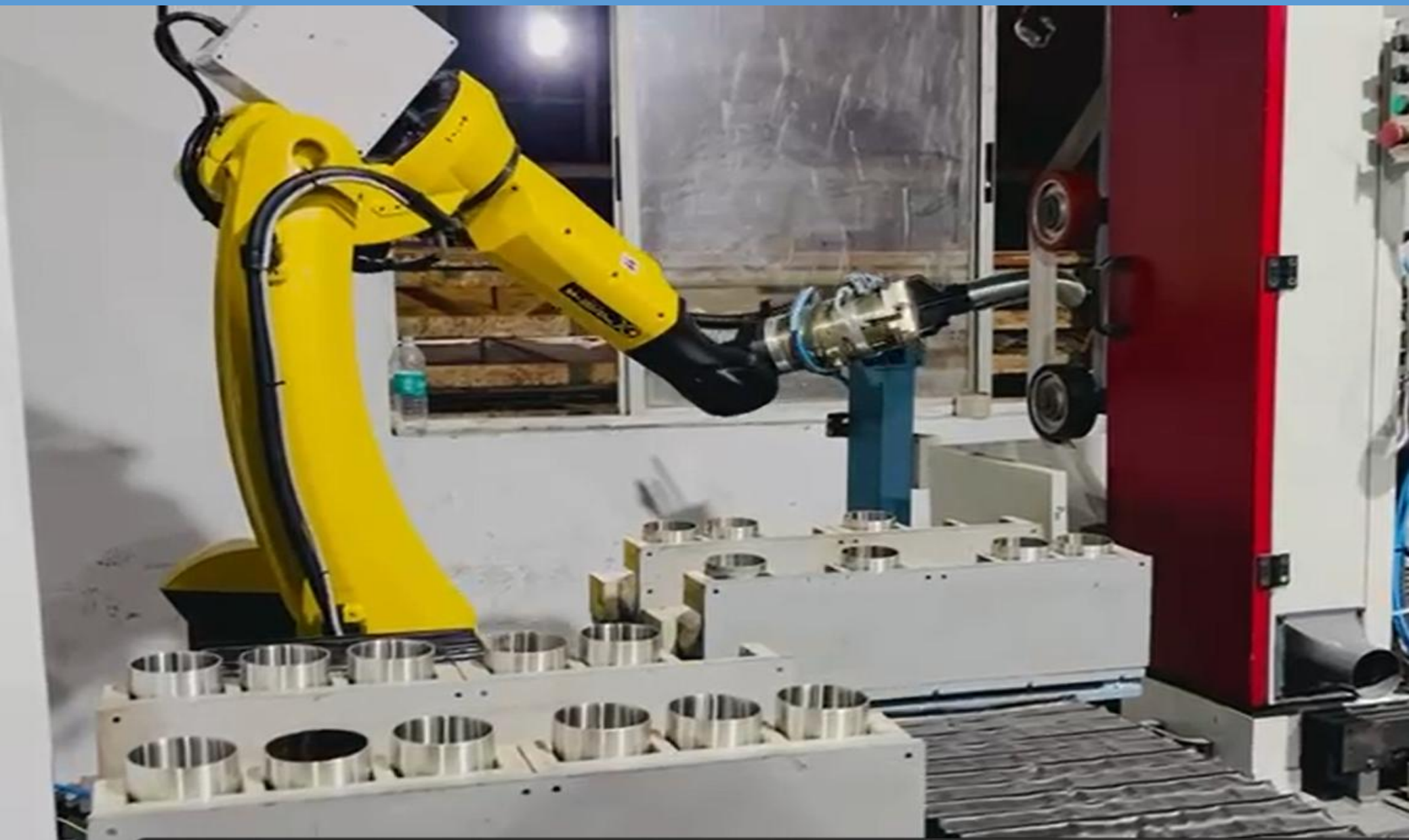


# ROBOTIC OXYGEN LANCING



Delivering Excellence

## ROBOTIC GRINDING / POLISHING



Delivering Excellence

# ROBOT MAINTENANCE



## ABB ROBOT MAINTENANCE :



Delivering Excellence



# FANUC ROBOT MAINTENANCE



Delivering Excellence

**Let's share your requirement Or talk to us**

**+91 88882 54518**

**[www.dkrobotics.in](http://www.dkrobotics.in)**

**[dkrobotics9522@gmail.com](mailto:dkrobotics9522@gmail.com)**

**[info@dkrobotics.in](mailto:info@dkrobotics.in)**

**<https://www.linkedin.com/in/d-k-robotics-automation>**

# **D K Robotics Automation.**

Works:- Golande Industrial Park, Shelar Vasti, Dehu- Alandi Road, Chikhali,  
Pune 411062