

India's Glory For the Make-in-India Story

AUTOFINA ROBOTICS



Trusted by



Some call it the ROI-bot!

Autofina Ltd. is a Cambridge, UK-based technology company focused on developing low-cost robots for industries.

We are on the cusp of a new generation of easy-to-use robots. These industrial robot arms with payloads up to 10kg and reach up to 800mm offer repeatability of <50 microns and MTBF of 20,000 hours. Autofina has successfully developed robots that are enabling the commoditisation of industrial robots.

Others call it the Easy-bot!!

- Easy to Buy
- Easy to Deploy
- Easy to Program
- Easy to Maintain
- Easy to Interface
- Easy on the Pocket
- Easy to fall in love with!



SPECIFICATIONS

ROBOT SPECIFICATIONS			
Payload	10kg	6 kg	2 kg
Max. Reach	750 mm	850 mm	600 mm
No. of axis	5	6	5
Mass (Excluding controller)	95 kg	100 kg	68 kg
Axis Ranges	Axis 1: ±180° Axis 2: ±130° Axis 3: ±150° Axis 4: ±180° Axis 5: 360°	Axis 1: ±180° Axis 2: ±130° Axis 3: ±150° Axis 4: ±180° Axis 5: ±110° Axis 6: 360°	A1: ±180° A2: ±130° A3: ±150° A4: ±180° A5: 360°
Max. Speed	A1: 110°/s A2: 110°/s A3: 110°/s A4 & A5: 150°/s	A1: 110°/s A2: 110°/s A3: 110°/s A4, A5 & A6: 150°/s	A1: 110°/s A2: 110°/s A3: 110°/s, A4 & A5: 150°/s
Position Repeatability	± 0.2 mm	± 0.2 mm	± 0.2 mm
Mounting Positions	Floor/Ceiling	Floor/Ceiling	Floor/Ceiling
Operating Temperature	0°- 50° C	0°- 40° C	0°-50° C

CONTROLLER FEATURES	
Controller Axis	5, 6
Digital Inputs/Outputs (standard)	16 (programmable)
Expansion IO's	512
Memory Slot Cards	Micro SD (upto 16 GB)
Analog Input Cards (0-10V)	2 X 12 bits
Analog Output (+/- 10V)	4 X 12 bits
Communication Options	Ethernet, Ether CAT & Modbus TCP/IP
Operating Temperature	0 to 45 deg C
Built in PLC	Ladder, Functional Block, Structured Text, SFC
Mains Power Supply	230V ac / single phase
Ext. Axis Configuration	1 axis addition

Our game-changing robots

- Are at an extremely low purchase price.
- Have excellent ROI with short payback.
- Drastically reduce Total Cost of Ownership (TCO).
- Allow for rapid deployment and integration.
- Are viable for Low volume/ variable production.
- Are easily re-deployable for general-purpose applications.
- Offer easy maintenance by in-house maintenance personnel.
- Offer reliable and economical spare parts.
- Have minimal recurring costs on software or warranties.
- Are reliable and accurate for the given process.
- Support multiple types of automation interfaces with other machines.
- Are programmed easily and quickly, by an in-house workforce with relatively basic automation qualification levels



Multi-Talented Personality

Use our robots for Pick & Place, Machine Tending, MIG welding, Sealant Applications, Spray and Powder Coating, Vision Based Quality Inspection, Testing and Validation and a whole gamut of applications requiring quick ROI.



Chamfering



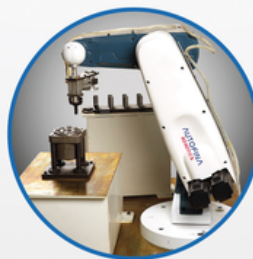
Testing & Validation



Machine Tending



Vision Based Inspection



Assembly



Welding

Power your future. Team up with the national machine.

Robots designed in the United Kingdom,
Proudly made in India.

The logo for Autofina Robotics is centered in a white circle. The word "AUTOFINA" is written in a bold, blue, sans-serif font, and the word "ROBOTICS" is written below it in a bold, red, sans-serif font. The background of the entire page is a stylized Indian flag with yellow, white, and green horizontal stripes, overlaid with various Indian motifs like a peacock, a lotus, and a tiger.

AUTOFINA
ROBOTICS

Autofina Ltd.
Future Business Centre,
Kings Hedges Road,
Cambridge CB4 2HY,
United Kingdom.

Autofina Robotics
Automation Pvt. Ltd.
108, Akshay Complex,
Dhole Patil Road,
Pune 411001, India.

Factory:
Gat No 38, Jadhavwadi,
Navlakh Umbre, Talegaon
Dabhade, Pune 410507,
India.