Mechanical Assembly Specialist — Machines & Robotic Systems

ROLE DESCRIPTION

Location	Teknopark İzmir, Urla / İzmir, Türkiye
Department	Mechanical Manufacturing & Assembly (R&D)
Type	Full-time, on-site at the factory

1. Role Purpose

MET Advanced Technology Systems builds AI-supported robotic automation cells and special-purpose machines. We manufacture the projects we develop in our factory at Teknopark İzmir.

For our mechanical department we are looking for an experienced Mechanical Manufacturing & Assembly Specialist/Technician who takes ownership of the manufacturing, assembly, piping, testing and commissioning of new assembly and automation machines, based on input from the design team.

2. Key Responsibilities

- Carry out concept and detailed manufacturing and the assembly of new assembly and automation machines according to the design input.
- Perform piping/installation, commissioning, testing, assembly and disassembly work for the project; carry out the required painting work.
- Manufacture and check the pneumatic and hydraulic systems required on the machines according to the technical drawings.
- Maintain, clean, check and organise machine tools, tools and equipment.
- Carry out the required mechanical work within the factory.
- Keep the work area tidy and organised.
- Fulfil all manufacturing responsibilities in collaboration with the design team.
- Follow up the manufacturing of the project up to assembly.
- Report the work done and prepare its documentation.

3. Requirements

- Preferably a graduate of a vocational high school, technical school or university.
- At least 5 years of industry experience.
- Able to read technical drawings.
- Knowledge of and experience with servo, pneumatic and hydraulic systems, cams, gears, gearboxes and other power-transmission elements.

- Knowledge of and experience with bearings, housings, ball screws, linear guides and other general machine elements.
- Able to use measuring instruments.
- Planning and follow-up skills; discipline in reporting and documentation.
- Safety-minded, follows workplace rules, meticulous and attentive to detail.
- Able to make short domestic and international business trips when required.

4. Nice to Have

- Experience in the special-purpose or assembly machine manufacturing sector.
- General knowledge of automation systems and equipment.
- Able to use welding equipment.

5. How We Work

- Project-based, R&D-driven manufacturing — not standard series production.
- Close collaboration with design, automation and software teams.
- We look for teammates who are open to learning, take responsibility and use initiative.

6. Hiring Process

1. Application form and initial review.
2. Introductory / technical interview.
3. Where useful, a short supervised practical exercise at the factory.
4. Outcome and next steps.

7. How to Apply

> Applications are accepted only through the role-specific **Application Form** on the **metltd.net → Careers** page. Please read this role description before completing the form. Applications by telephone or unscheduled visits are not considered.