



OHB Italia SpA is acknowledged as one of the leading medium size companies in Europe for space systems integration. It is part of a cluster of European enterprises operating in the aerospace business. Founded in 1981, with headquarters in Milan and excellence centres in Italy, the company employs more than 180 qualified engineers & physicists.

OHB Italia has consolidated expertise, resources and facilities to carry out manufacturing, integration, qualification and flight certification, with a role of Prime Contractor in different fields of activities.

Its success is due to a combination of technical expertise, innovative technologies and low cost solutions, which allow to give customers easy access to space.

The company operates both on the institutional and commercial markets.

Its main customers are space agencies, space authorities and large industrial groups.

OHB Italia is seeking for its **Mechanisms** Department in Milano for immediate start a

### **Senior System Engineer Space Mechanisms (m/f) Ref.01\_mec\_18**

#### **Your Tasks**

The ideal candidate has worked on complex sub-systems, with a background in mechanical and structural engineering and has experience working on mechanism design, development and testing.

- Responsible for the capability of the mechanism to meet the technical requirements; define the technical solutions to be implemented in the design of the mechanism, from the concept definition to the detailed design;
- Break down of the technical requirements to subsystems/equipment, generate technical specifications for subsystems/equipment;
- Define and implement the development and verification approach, establish the corresponding documents, i.e. design development & verification plans, test plans, design justification documents, interface control documents, verification control documents etc.
- Lead and coordinate technical project tasks for the development of the space mechanism, with the objective to meet the technical requirements within the budget and schedule constraints defined by the Project Manager;
- Manage technical interfaces with customers, project partners, subcontractors and suppliers.

#### **Your Qualifications**

- Master degree in Aerospace Engineering, or Mechanical Engineering or in a similar discipline;
- At least 7 years of experience in mechanical and structural

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Become part of our team! Apply by sending your updated CV and cover letter via E-Mail to [rstaffiere@cgspace.it](mailto:rstaffiere@cgspace.it)

engineering;

- At least 4 years of professional experience in mechanical/mechanism system engineering for space systems;
- Recognized experience in developing space mechanism products (specification, design, verification);
- Knowledge of ECSS standards related to structures and to mechanisms design and verification;
- Experience and background also in electrical, control systems, robotic engineering is beneficial;
- Working level fluency in English (written and spoken);
- Good communication, cooperation and organization skills, willingness to take responsibility;
- Good analytical and system-oriented thinking;
- Awareness for costs and schedule.

**Experience in one or more of the following areas is beneficial:**

- Multibody analysis (ADAMS);
- Control system design (Matlab and Simulink);
- Structural analysis (NASTRAN, MARC);
- CAD modelling.