



MULTIBODY DYNAMICS (MBD) ENGINEER (F/M/X)

Blum manufactures flap, hinge, pull-out, and pocket systems for furniture that are delivered to over 120 markets. Did you know that various state-of-the-art simulation methods are used in the design of our products? Our simulation team supports our products from the initial sketches all the way to delivery.

YOU

- ... support our product development in designing furniture fittings by searching for suitable kinematic systems
- ... find and optimize kinematic systems using numerical methods such as multibody simulation (MBS/MBD) with both rigid and flexible bodies
- ... evaluate the kinematics, calculate the forces, determine the product lifespan of the concepts, and thus find the ideal design of our products in collaboration with the project team
- ... ensure product functionality over geometric manufacturing variations with the help of tolerance simulations

WE

- ... value good education – you have a degree (from a University of Applied Sciences or Technical University) in mechanical engineering or a comparable technical or scientific field
- ... rely on your expertise and offer you challenging and varied tasks – you bring experience in the field of MBD and ideally in the application of Matlab
- ... expect in-depth knowledge in technical mechanics and enthusiasm for working with numerical methods
- ... are looking for a committed team member with strong communication skills who impresses us with a structured, goal-oriented, and independent work approach

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Legally mandatory notice: The actual salary is above the metal industry collective agreement (Metaller-KV) and is based on professional qualifications and experience as well as the Vorarlberg labor market.