



Ex-job/thesis - Adjustable beds within IKEA

Do you want to do your ex-job/thesis project about adjustable beds? Get knowledge about the IKEA organisation and the possibility to create good contacts for the future? At IKEA, everything is possible! Would you like to take on the challenge?

The thesis project will be done at IKEA Components (ICOMP) in Älmhult. IKEA Components task within IKEA is to manage the development of future unique and customer friendly solutions within fittings and other key constituents to IKEA range. ICOMP create comprehensive cost and quality benefits for IKEA, through the development and purchase of raw materials, components and fittings.

The customers of today require more and more from their adjustable beds. The bed should have a long life length with a good price, be easy, fast to assemble and adjust. Within the IKEA range there are two manual adjustable beds called LERBÄCK and LOVENE. To make the adjustment possible there is a component called rastomat assembled on each side of the bed base. We want to improve the existing construction for the adjustable beds. A stronger construction of the bed base together with an optimized rastomat is therefore needed to strengthen the quality of the manual adjustable beds.

Assignment

We want your help to develop a better total solution which means more customer friendly and a more cost effective rastomat together with a stronger construction of the bed base for our adjustable beds. The solution should pass current tests and it should be good enough to start up as mass production.

Final result should include:

- A pre study: What kinds of fittings/components are used on similar applications on the market today?
- Come up with a couple of ideas for different kinds of adjustable fittings.
- Evaluate the ideas and proceed with two or three of them.
- Make a patent search and produce prototypes for tests according to existing standards.
- A full technical documentation shall be made.

Specification of requirements:

We are looking for two students that are studying engineering within design, construction or similar. You are at a high level in English both spoken and written since the assignment needs to be reported in English. It is preferable if you have knowledge within Solid Works. You will be expected to work on this project for 20 weeks during the autumn, the project will start in september 2009. You will be able to work from your university but we see that it is good if you have possibility to be at our office in Älmhult most of the time.

Contact information:

For more information about the project and IKEA Components contact;

Oscar Fundberg

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Questions regarding the recruitment process;

IKEA HR Service Centre

Phone number: 0476 - 58 7500

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Welcome with your application at www.IKEA.se/jobb! Last date to apply is 23-06-2009.