

# UPHOLSTERY PROCESS

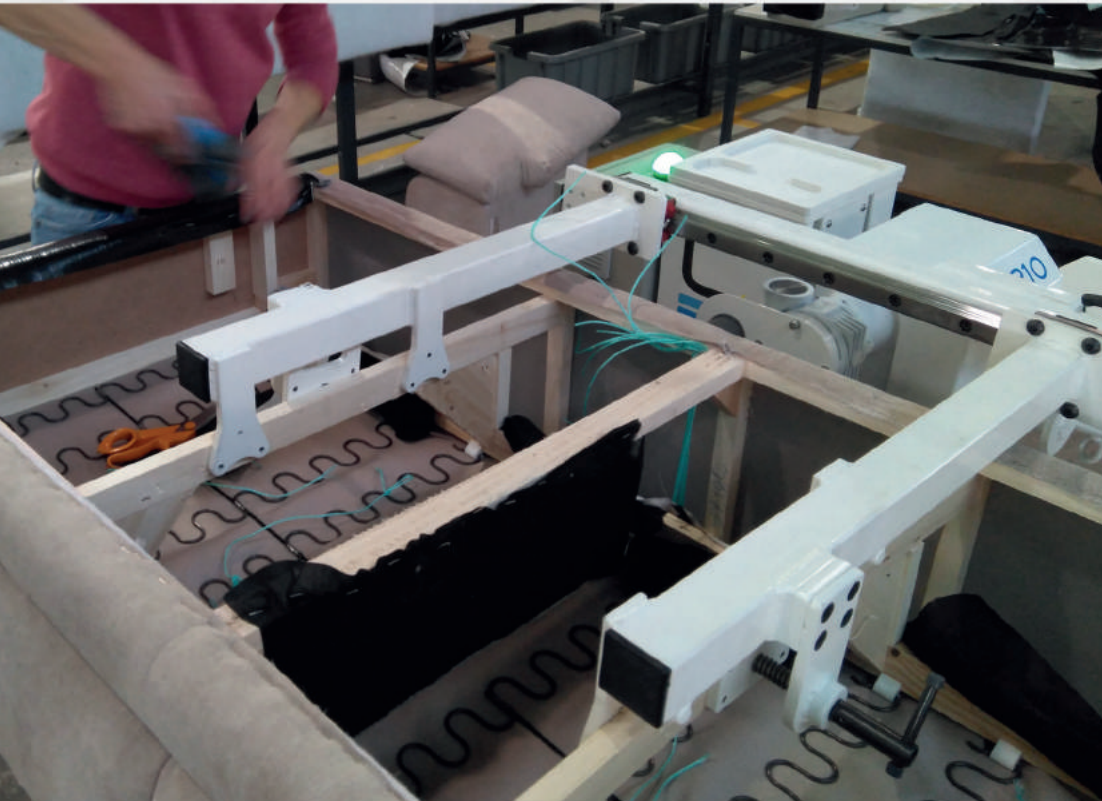
## Process performance

### CURRENT SITUATION

Need to increase productivity  
Short-term variations in productivity  
Bottlenecks in the process  
Potential damages in the sofa

### WITH SOFA HANDLER

Upholstery stage optimization  
Enhance planning and monitoring  
No damages in the sofa  
Avoid process bottlenecks



## Job conditions

### CURRENT SITUATION

Bad conditions for worker's health  
High rate of sick leaves  
Reduction of worker's lifespan  
Difficulty in hiring new worker's

### WITH SOFA HANDLER

Elimination of manual handling  
No tiring and painful positions  
No physical requirements for the job  
Comply worker's health legislation

LIFMEC is specialized in the design, manufacturing, and commercialization of innovative handling machinery. Our first application is for the handling of the sofa in the upholstery stage.

Not only we would like to improve the process efficiency (e.g. reducing times, improve planning, avoid bottlenecks), but also, we are committed with worker's health and well-being. Our machines allow the workers to avoid manual handling operations, and painful positions.

LIFMEC aim is to bring technology and innovation to industrial processes that still involve manual handling operations with heavy loads.



LIFMEC MACHINERY S.L.  
Parque Tecnológico de Asturias, P13B  
33428 – Llanera (SPAIN)  
E-mail: sales@lifmec.com  
Phone: +34 671 403 753  
www.lifmec.com

SOFA  
HANDLER  
U210



“BRINGING TECHNOLOGY AND  
INNOVATION TO UPHOLSTERY”

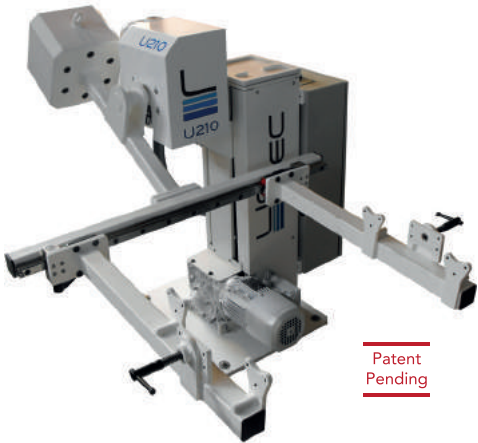


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SOFA  
HANDLER  
U210

**LIF  
MEC**  
INNOVATIVE HANDLING MACHINERY



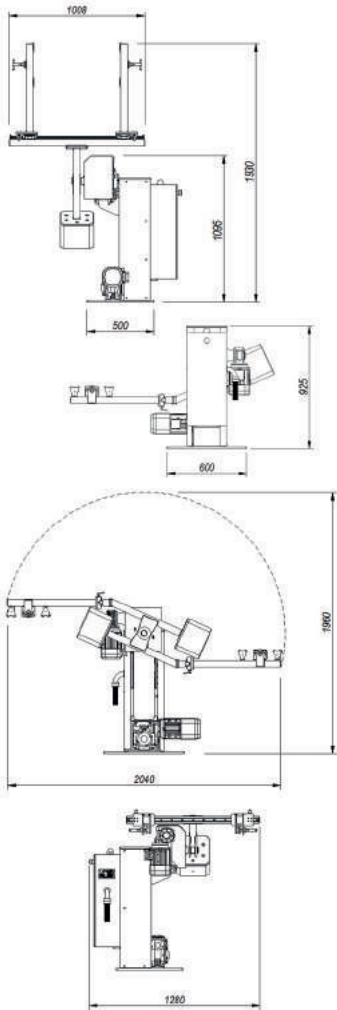
Patent  
Pending

Operational modes	
Lifting operation	Electric
Rotation operation	Electric

General dimensions	
Base dimensions	600 x 500 mm
Max. Column height - lower position	925 mm
Max. Column height - upper position	1095 mm
Max. Arm width	1008 mm
Max. Arm height	1930 mm
Weight	375 kg

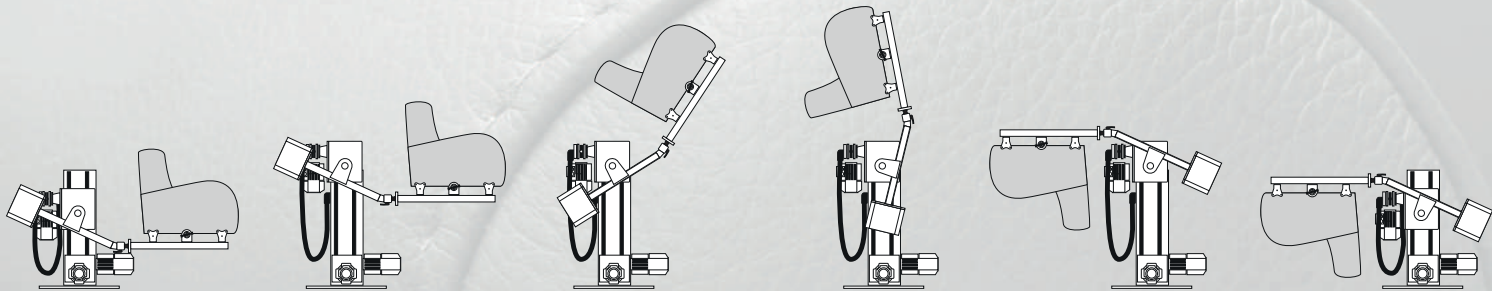
Electric specifications	
Max. power	1 kW
Voltage	230 VAC
Frequency	50 Hz
Connection	1l+n+e

Work specifications	
Max. work load	80 kg
Nominal rotational speed	4,7 rpm
Max. Arm opening	750 mm
Max. Wooden strip width	34 mm
Rotational capacity	180 degrees
Lifting range	300 mm



"LIFMEC aim is to bring technology and innovation to upholstery - an industrial process that still today involves manual handling and operations with heavy loads".

"Our sofa handler U210 means the real first step in upholstery evolution".



BENEFITS

- ⌚ REDUCTION OF PROCESS TIMES (≈30%)
- 📅 ENHANCE PLANNING AND MONITORING
- 🛋️ LESS POTENTIAL DAMAGES IN THE SOFA
- ⊕ NO TIRING OR PAINFUL POSITIONS
- 🧑 NO PHYSICAL REQUIREMENTS FOR THE JOB
- 👉 ELIMINATION OF MANUAL HANDLING

FEATURES

- 🔧 EASY INSTALLATION ("PLUG AND PLAY")
- 📦 COMPACT DESIGN (1m X 1m X 1m)
- ⚙️ LOW-MAINTENANCE REQUIREMENTS

The sofa handler U210 is a machine for the assistance of workers in the upholstery stage of the sofa manufacturing process; which can easily lift, position, and turn the sofa. These operations are managed through a handheld industrial remote-control.

Our innovative sofa handler allows sofa manufacturers not only to improve process efficiency, but also significantly enhances worker's health and well-being.



Electric lifting



Electric rotation



All our Machines have the "CE" certificate of conformity according to the terms of the Machinery Directive 2006/42/EC.