

THE LATEST FROM SCM IN ASSEMBLY

ACTION E: the electro-mechanical clamp for high precision furniture assembly

Interesting new features in SCM technologies for assembly at Ligna 2019. The **action e** clamp takes on the role of "ambassador" for this sector at the fair. Visitors to Hanover can discover its multiple and innovative upgrades at the "Smart&Human Factory", SCM's new state of the art production system for the furniture industry, based on highly flexible, modular cells.

At the **assembly island**, the **action e** clamp adds that final top quality touch to the arrangement of the assembled furniture. After the operators, assisted by three robots, have completed all the operations to assemble the hinges and glue application to the panels, the cabinet is pre-assembled and taken to the **action e** clamp. The finished product is then transferred onto another shuttle towards the storage area.

For the occasion, the **action e** clamp appears for the first time equipped with a **pre-assembly worktable with manual sliding movement** and an **unloading worktable with 90° tilting movement, optional devices which allow the machine to be used even more ergonomically.**

The extremely stable structure of the clamp ensures machining precision and quality over time. The pre-assembly worktable is a significant assistance to the operator who can assembly the cabinet at the same clamp working height and push it into the working area without any other product lifting.

Lastly, the unloading worktable helps the operator to place the assembled furniture in vertical position and to transport it to the next working area.