

Vacuum spiders SSP

Tailor-made complete systems for individual applications



Vacuum spider SSP for handling furniture elements

Our highlights...

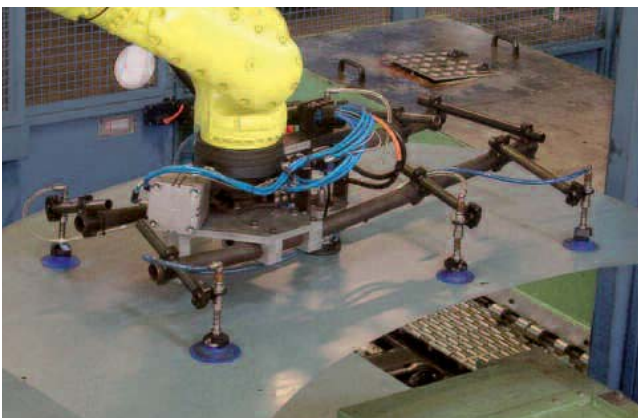
- Modular gripping system comprising a range of matched individual components
- Combination of different gripping principles (vacuum, mechanical, magnetic..)
- Standard solutions made of aluminium, steel tube and plastic elements
- Intelligent valve technology disabled unused suction pads

Your benefits...

- > Quick, low-cost construction of complete gripping systems for minimum cycle times and maximum process reliability
- > Flexible adaptation to the task in hand saves time and high process costs
- > Low weight and high acceleration rates thanks to optimized selection of the materials
- > Modern gripping technology makes additional costs for removal of workpieces unnecessary

Applications

- Chaining of robots in press shops and bending lines; automation of plastic, injection moulding and deep-drawing machines; machining centers for wood and plastics; water-jet, laser and punching and nibbling machines
- Commissioning in stockrooms and distribution centers with the aid of industrial robots or portals
- Typical applications include the handling of metal sections, sheets, stones, car bodywork parts, glass and ceramic parts, solar panels and non-rigid objects



Vacuum spider SSP for handling of metal sheets

Construction

- Modular system permits the optimum selection of suction pads, large area gripper, magnets or mechanical grippers, together with spring plungers, holders and beams, and the necessary valve technology with sensors
- Depending on the application, various vacuum generators can be used (vacuum pump, vacuum blower or ejector)
- Options available for quick adjustment or fixed settings, separation of sheets of materials, workpiece detection and collision protection



Vacuum spider SSP for commissioning of metal sheets



Suitability for branch-specific applications