



FEE

VERTICAL ROBOT LIFTER

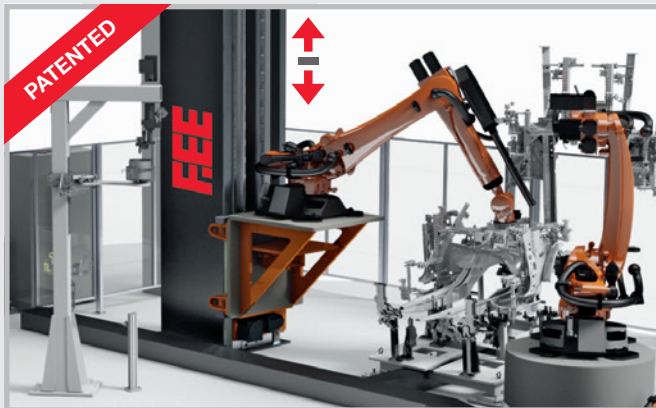
IT'S GOING UP HIGH – VERTICAL ROBOT LIFTER

Application possibilities of industrial robots can reach a **new level** with the vertical robot lifter by F.EE, a patented mobile lifting system for industrial robots. In combination with a turntable, the robot lifter can be **rotated 360 degrees** and enlarge your previous **working area from 3 up to 12 metres** in diameter.

Lifting heights of 0.5 to 40 metres can be achieved and – depending on the robot type – **travel speeds of**

0.5 to 3.0 m/s are attainable with an **acceleration of 0.5 to 3.0 m/s²**. The vertical robot lifter is currently available for **all robot types** comparable to the Kuka KR60 to KR1000/1300 with a **load capacity of 60 to 1,300 kg**. Other special solutions are available on request.

There are hardly any limits to your **flexibility** and your **possibilities** in terms of plant planning – while **simultaneously reducing costs**.



BY USING THE PATENTED VERTICAL ROBOT LIFTER YOU GET THE FOLLOWING **ADVANTAGES**:

COST REDUCTION ...

- The number of robots, grippers, pliers and tools is reduced.
- The previously needed inflexible and costly conveyor technology lifts are turned redundant.
- Space in production areas can be saved.
- These reductions, combined with almost unlimited (planning) possibilities, result in an enormous potential.



... BY EXTENDING THE WORKING AREA FOR THE ROBOT ...

Due to the extension of the working area for the robot, the respective transfer positions do not need to be arranged vertically above each other as is was necessary before. If the cycle time allows it, the robot can take on additional tasks, such as welding, labeling, assembly, gluing, redirecting parts or operation of clipboards. Also the reorientation of parts as well as the operation of clipboards and several transfer positions are possible without problems.



... WITH PROVEN COMPONENTS AND FAMILIAR RELIABILITY!

- In addition to many years of experience in this field, the F.EE mechanical engineering division possess extensive employee know-how.
- As always, only proven and tested components are used.



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