



BETTER SOLUTIONS ARE THE RESULT OF CONVINCING DETAILS.

# Linear Axes for Robots

## 7th axis for handling robots



All generally used robots can be moved along a transfer line with the linear axis. Welding installations as well as other installations facilitated by robots can be equipped with linear axes.

It does not matter if the robots are used for painting, handling or welding or if other structures need to be moved. The axes are also suitable for the clean-room area as well as for the surrounding areas of aggressive or explosive

material. Modular axis bodies guarantee that the axis is fitted exactly according to the requirements of the customer and that the length is always optimal for the intended use. The axes can be constructed in various heights.

Through the high development status of our axes almost every type of robot can be moved and specified process accuracy and speed is reached. Mounting on ceiling and wall is also possible.

## Technical Data

### Linear axes for robots

Weight carriage for guide rail size 35:	300 kg
Weight carriage for guide rail size 45:	350 kg
Weight bedding:	165 kg/m
Max. speed allowed of linear carriage:	4 m/s
Max. acceleration allowed for linear carriage:	5 m/s <sup>2</sup>
Load of carriage for guide rail size 35:	Robot own weight up to 1000 kg
Load of carriage for guide rail size 45:	Robot own weight up to 2000 kg
Drive:	Module 3, helical toothed

