Now even XXL components can be set in motion. The KUKA omniMove maneuvers parts of aircrafts, wind power plants, rail vehicles and other heavy components to the exact location where they are required for the production process. e-mobility and KUKA intelligence make the production process quicker and more flexible than ever before.
KUKA omniMove UTV-2

Maximum flexibility and precision for XXL components

The KUKA omniMove UTV-2 sets everything in motion, boosting your productivity. Never before has it been simpler to maneuver heavy and bulky loads into the right position – with pinpoint accuracy. This is made possible by the integrated two-dimensional freedom of motion. The KUKA omniMove mobile platform concept ensures maximum flexibility. Handling and lifting. The KUKA omniMove can handle heavy payloads with ease. Five different standard vehicle variants and numerous customer-specific option packages ensure that you will find solutions to cover an extremely wide range of requirements. KUKA omniMove may optionally be adapted specifically to individual customer needs.

Maximum flexibility and unrestricted maneuverability. KUKA omniMove makes both translational and rotational motions possible – and does so from a standing position, in the tightest of spaces and with the load raised. The omnidirectional drive technology of the KUKA omniMove mobile platform concept ensures maximum freedom of motion. The KUKA omniMove can handle heavy payloads with pin-point accuracy. This is made possible by the unrestricted two-dimensional freedom of motion. The KUKA omniMove vehicles ensure that work sequences can be adapted to perfectly fit your requirements. KUKA omniMove enables payloads of up to 90 t or components with a length of up to 30 m to be transported. The KUKA omniMove is available in a number of standard variants. KUKA omniMove may optionally be adapted specifically to individual customer needs.

High load capacity and maximum safety. The KUKA omniMove UTV-2 sets everything in motion, boosting your productivity. Never before has it been simpler to maneuver heavy and bulky loads into the right position – with pinpoint accuracy. This is made possible by the integrated two-dimensional freedom of motion. The KUKA omniMove mobile platform concept ensures maximum flexibility. Handling and lifting. The KUKA omniMove can handle heavy payloads with ease. Five different standard vehicle variants and numerous customer-specific option packages ensure that you will find solutions to cover an extremely wide range of requirements. KUKA omniMove may optionally be adapted specifically to individual customer needs.

Unmatched precision, simple operator control. The KUKA omniMove is a precision device on wheels. Optional optical tracking allows to achieve a contactless positioning accuracy of up to ±3 mm. Yet it remains extremely straightforward to operate. The KUKA omniMove is manually controlled by means of radio control using a joystick. The optionally available smartphone navigation system ensures maximum precision. The KUKA omniMove is available with two different wheel sizes, of 375 mm or 575 mm diameter. The payload of the KUKA omniMove models depends on the chosen wheel size and the number of wheels, with payload variability of up to ±10%.