

KUKA



Mobile robotics_KUKA omniMove Triple Lift



KUKA omniMove Triple Lift

The omnidirectional lift platform that raises your productivity to a new level. Made by KUKA.

Make decisive efficiency gains through the flexible design of work processes. With the KUKA omniMove Triple Lift mobile lift platform, you remain agile and autonomous. An innovative lift design with three hydraulic telescopic cylinders brings operators to an ideal, infinitely variable working height of up to 8 m – virtually free from oscillation. This enables challenging assembly and maintenance work to be performed with correspondingly high precision.



360°

Maximum flexibility and unrestricted maneuverability. Remain mobile in every direction. The omnidirectional drive technology of the KUKA omniMove Triple Lift makes both translational and rotational motions possible – and does so from a standing position, in the tightest of spaces and with the work platform raised. The unrestricted 360° mobility reduces the time required for repositioning the vehicle to a minimum.

e-mobility and KUKA intelligence radically simplify production and maintenance work.

The KUKA omniMove Triple Lift transports operators to the desired assembly location safely, comfortably and precisely. This enables highly flexible work – for example, in the construction and maintenance of aircraft.



KUKA omniMove

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Lift platform

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Your solution

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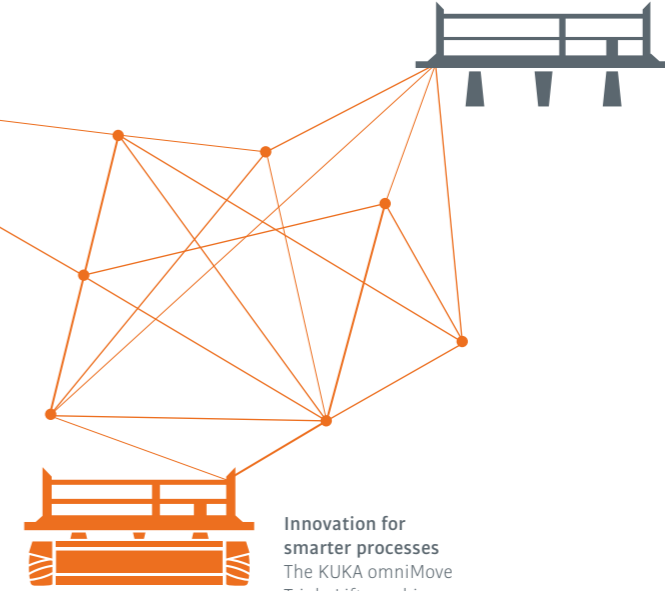
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Occupational safety in every dimension
Intuitive control supports error-free operation of the platform. The all-round railing, the bumper contact strips and the intelligent lift system also ensure safety at work.

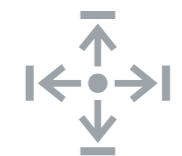


Triple lift power
The platform rests on three powerful hydraulic telescopic arms, which provide reliable stability and stiffness in every position – even at a lofty height of 8 m. In its retracted state, the lift system also makes ergonomic access easier.

Innovation for smarter processes
The KUKA omniMove Triple Lift combines the pioneering and proven KUKA omniMove drive technology with an innovative, high-performance lift system. Together, these pave the way for greater occupational safety and efficiency in the construction and maintenance of larger products.



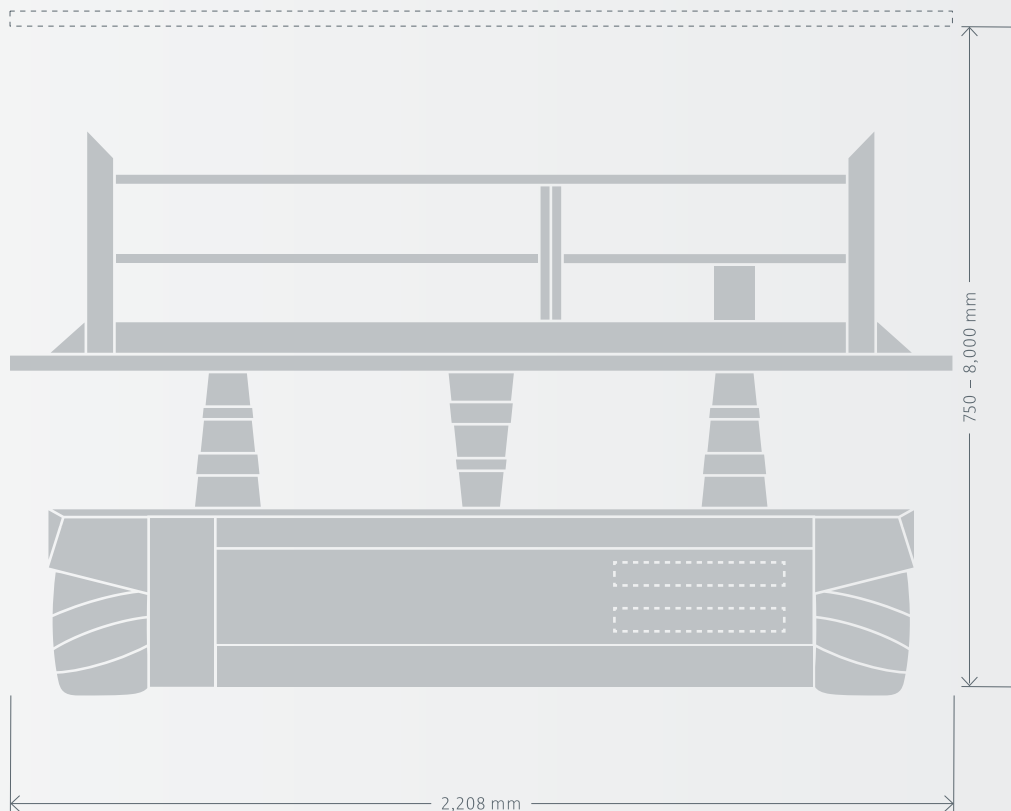
Comfort at any desired working height. The KUKA omniMove Triple Lift marks the start of a new chapter in the economical use of space in the areas of assembly and maintenance since it offers operating precision in all three dimensions. Increase your horizontal and vertical scope during assembly and maintenance work on aircraft at any desired working height up to 8 m. Even when extended to the highest position, the platform can move without limitation.



Integrated safety for unrestricted efficiency. And also when it comes to safety, the KUKA omniMove Triple Lift reaches new heights. The integrated safety functions include bumper contact strips around the entire lower edge of the platform. These guarantee that the vehicle stops safely in the event of a collision. Velocity monitoring in dual-channel technology and monitoring of vehicle motion via an enabling switch offer additional safety. The KUKA omniMove Triple Lift meets all safety standards required for lift platforms.

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Technical data



KoM TL-2 E575

Payload	1,000 kg
Weight	10,000 kg
Number of wheels	4
Wheel diameter	575 mm
Velocity with platform retracted	0.8 m/s
Lift time (to full lift height)	120 s
Length	5,708 mm
Width	2,208 mm
Minimum height of platform (without railing)	750 mm
Maximum height of platform (without railing)	8,000 mm
Accuracy (standard)	± 5 mm

Operating condition

Ambient temperature	+5 °C to +40 °C
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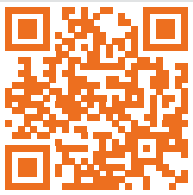
Protection rating

Protection class	IP 54
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Power supply connection	3 * 400 V + PE AC; CEE 32 A
Control	Manual via radio control unit

KUKA omniMove Triple Lift additional options

Variation of charging devices
Second battery tray
HYJET IV resistant paintwork
Halogen-free cabling
Bumper contact strips
Sliding door
LED work spotlight
Power connection on the platform
Compressed air connection on the platform
Further options possible by agreement



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