

KUKA



KMP 1500

The solution for a flexible production process.



KMP 1500. The solution for a flexible production process.

The KUKA KMP 1500 autonomously controlled platform is our answer to the increasing demand of production departments for shorter response times and greater flexibility in their manufacturing concepts. Predefined routes and rigid processes are a thing of the past in the factory of the future.

The KMP 1500 is an autonomously controlled platform that integrates seamlessly into the production process. The vehicle is also excellently suited to the matrix body shop. The KMP 1500 independently and autonomously handles the transport of the products through all process steps.

This is why KUKA develops intelligent, autonomous vehicles that supply materials to robots and machines with perfect timing. The KMP 1500 makes flexible production possible to an extent that has been unimaginable before.

This production concept from KUKA enables you to optimize your logistics management. The KMP 1500 provides cost-effective support for your warehouse organization or between manufacturing processes – and is used only as needed.



Unrestricted and precise maneuvering Thanks to KUKA omniMove drive technology, the KMP 1500 can move in any direction from a standing position. The sophisticated wheel technology allows for precise positioning with an accuracy of ±5 millimeters even in tight spaces. This results in space-saving and highly precise automation solutions for logistics.

Autonomous, flexible warehouse management The KMP 1500 autonomously fetches the required components or returns them to the warehouse after processing. Thanks to the KUKA.NavigationSolution, it can move about freely and without conventional guidance or navigation elements. This makes integration into modified environments much easier and increases efficiency in logistics management.

Strong, safe and reliable. With a payload capacity of up to 1,500 kilograms, the KMP 1500 safely moves your products through the entire manufacturing process. It meets all necessary safety standards and is also extremely flexible. Integrated safety laser scanners enable autonomous navigation through your production shop.

KMP 1500

Dimensions (L×W×H)	2,000×800×470 mm (with scanners)
Weight	711 kg / 935 kg (with lifting system and battery system extender)
Rated payload	1,500 kg
Velocity straight ahead	max. 1 m/s
Velocity diagonally and sideways	max. 0.56 m/s
Wheel diameter	310 mm
Battery capacity	52 Ah / 96 V (at least 4 hours)
Charging time	1 hour

Lifting system (optional)

Lift table height	max. 200 mm
Lifting speed	max. 50 mm/s
Weight	+144 kg

Battery system extender (optional)

Battery capacity	104 Ah / 96 V (at least 8 hours)
Charging time	2 hours
Weight	+80 kg

Supplied accessories

Radio control unit	
Floor charging contact plate	
Brake release device	



 kuka.com/contacts

 facebook.com/kukaglobal

 youtube.com/kukarobotgroup

 twitter.com/kukaglobal

 linkedin.com/company/kukaglobal

Angaben zur Beschaffenheit und Verwendbarkeit der Produkte stellen keine Zusicherung von Eigenschaften dar, sondern dienen lediglich Informationszwecken. Maßgeblich für den Umfang unserer Lieferungen ist der jeweilige Vertragsgegenstand. Technische Daten und Abbildungen sind unverbindlich in Hinblick auf Lieferungen. Änderungen vorbehalten. © 2022 KUKA