



MEC|Plus

Mecanum Scenery Wagon

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MEC|Plus Basic Module Master

Dimension	1,0 x 1,0 x 0,2 m ohne Belagplatte
Total height with covering plate	0,224 m
Maximum payload	1,0 t
Drag load / Pushing load maximum	1,5 t
Dead weight	approx. 100 kg
Coupling capability (master-slave)	max. 8 units
Axis shifting	yes
Combination with Ventum-S system frames	yes
Combination with Ventum-S system insertion trolley passive	yes
CAN bus/PROFINET interface	yes / optional

Where does it come from?

The **MEC|Plus** is based on the **MEC|Standard**. Motors, wheels, axles, gearbox, enclosure frame as well as the external dimensions and permissible loads are identical to those of the **MEC|Standard**.

Just like the **MEC|Standard**, the **MEC|Plus** is used in industry in a very similar configuration in tough 24/7 continuous operation.

What is the difference to the **MEC|Standard**?

In contrast to the **MEC|Standard**, the **MEC|Plus** offers the possibility to communicate with its external world via an additional on-board computer and by means of the integrated CAN bus interface (expandable to PROFINET).

It can receive and process signals via this interface, issue commands or be programmed via the interface (e.g. for autonomous driving). It can communicate with a wide variety of sensors and respond to the signals it receives.

In contrast to the **MEC|Standard**, the basic settings are not made by means of a wired parameterization unit, but by means of a WLAN-capable computer, a tablet or a cell phone. This applies, for example, to shifting the center of rotation, changing the acceleration ramps or the necessary settings for an axis separation.

In contrast to the **MEC|Standard**, the possibilities for error detection/troubleshooting via a remote connection with one of our technicians are considerably extended.

For whom is the **MEC|Plus** the right product?

The **MEC|Plus** is the first choice for all those who, in addition to the extensive features already offered by the **MEC|Standard**, want to use the extended possibilities of the **MEC|Plus**. The CAN bus interface opens up completely new horizons and application variants.

Anyone who places particular value on future-proofing, maximum possibilities and flexibility has come to the right place.

Since when has the **MEC|Plus** been used on stage?

The **MEC|Plus** was presented to the public for the first time in 2023 at Prolight + Sound in Frankfurt. Prior to that, two prototypes were successfully used for testing in 2022 at the Residenztheater in Munich, where they are still in use today.