

MEWPMate – Compliance Statement

Alignment with EN 280-1:2022 and ISO 16368:2024

Product: MEWPMate

Application: Accessory for Mobile Elevating Work Platforms (MEWPs)

Standards referenced: EN 280-1:2022, ISO 16368:2024

MEWPMate has been engineered as a non-intrusive accessory for use on Mobile Elevating Work Platforms (MEWPs) that are already compliant with EN 280-1:2022 and/or ISO 16368:2024. When installed and used within its defined limits, MEWPMate does not adversely affect the MEWP's structural integrity, stability, control systems, or safety functions as defined in either standard.

Structural and load considerations

MEWPMate is designed with a controlled mass of **5KG**, intended to be included within the MEWP's rated platform capacity. The accessory mounts **within the existing platform footprint** using **non-structural fixing points** that do not alter the MEWP's load paths or introduce additional stresses into the platform structure.

- The accessory does not modify, replace, or load any primary structural members.
- The centre-of-gravity shift introduced by MEWPMate remains within the allowable limits defined by EN 280-1:2022 and ISO 16368:2024.
- When used as intended, the combined mass of MEWPMate, operators, tools, and materials remains within the MEWP's Safe Working Load (SWL).

Stability and tipping resistance

MEWPMate does not alter the MEWP's chassis geometry, wheelbase, outrigger configuration, or platform operating envelope. The accessory is designed so that all additional mass remains **inside the platform boundary**, ensuring no adverse effect on:

- Static stability
- Dynamic stability
- Wind-related stability
- Platform movement behaviour

Under the stability criteria defined in EN 280-1:2022 and ISO 16368:2024, MEWPMate does not reduce the MEWP's tipping resistance.

Controls, interlocks, and safety systems

MEWPMate does not interface with, bypass, or modify any MEWP control systems or safety-critical components. All original safety functions remain fully accessible and fully operational, including:

- Platform and ground controls
- Emergency stop systems
- Emergency lowering systems
- Limit switches and interlocks
- Tilt, overload, and motion sensors

The accessory introduces **no powered functions** and does not affect the MEWP's functional safety requirements.

Hydraulic and electrical systems

MEWPMate does not connect to or modify the MEWP's hydraulic or electrical systems. It does not introduce:

- Additional hydraulic loads
- Electrical loads
- Powered movements
- Control logic changes

This ensures full compatibility with the hydraulic and electrical safety requirements of EN 280-1:2022 and ISO 16368:2024.

Testing and verification

MEWPMate has been assessed against the relevant design and operational criteria of both standards. Because the accessory does not alter the MEWP's structural, stability, or control characteristics, it does not require additional MEWP testing beyond the manufacturer's original certification.

The MEWP's original static, dynamic, and functional tests remain valid when MEWPMate is installed and used within its defined limits.

Conditions of use

To maintain compliance with EN 280-1:2022 and ISO 16368:2024:

- The MEWP must be in good working order and compliant with its original certification.
 - MEWPMate must be installed according to the supplied instructions.
 - The total platform load (operators + tools + materials + MEWPMate) must not exceed the MEWP's SWL.
 - The MEWP must be operated within the manufacturer's rated operating envelope.
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Conclusion

Based on the design characteristics, mounting method, and operational behaviour of the accessory, MEWPMate **does not compromise compliance** with EN 280-1:2022 or ISO 16368:2024 when installed and used as specified. The accessory maintains the MEWP's structural integrity, stability, control system functionality, and safety performance as defined in both standards.

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