

# Mobile Elevating Work Platforms (MEWP)

## Knowledge Document

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### 4.1 Secondary Protection Systems (Boom Type MEWPs)

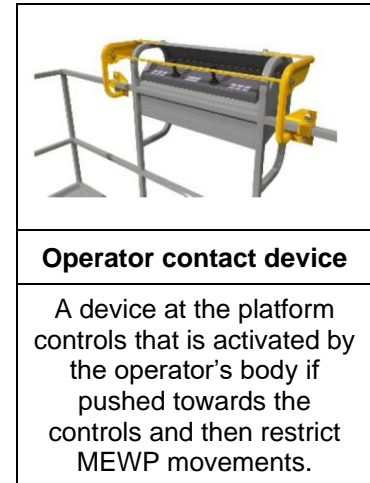
All boom type MEWPs must be fitted with an approved Secondary Protection System and must be fitted with a manual lowering device and a dead man control must be fitted and be operational. All workers must wear a Fall Arrest or Fall Restraint device and be attached to an anchor point at all times.

In the event of an emergency, workers must use either:

- The Emergency Lowering Device or
- Access another MEWP.

The approved Secondary Protection System must be either one of the following Secondary Protection Systems:

- Sky Guard for all JLG Machines;
- Genie OPS (Operator protective structure);
- Genie OPA (Electronic protective device);
- Haulotte Activ' Shield Bar;
- Nifty Lift SiOPS's;
- Skyjack (SGE) Secondary Guarding Electrical;
- Skyjack (SGM) Secondary Guarding Mechanical;
- Protective Innovations MEWP Shield.



### 4.2 Secondary Safety Systems (Scissor Type MEWPs)

Approved Secondary Safety Systems must be in place and operational on all scissor-type MEWPs.





- Refer to Knowledge: Scissor-type Mobile Elevating Work Platforms (MEWP) - Secondary Safety Systems Mandate Letter

Secondary safety systems for scissor-type MEWPs must:

- Reduce the risk of crush and shear events for people in scissor-type MEWPs;
- Provide an increased level of protection by:
  - physical means (e.g. overhead protective structures); or
  - the use of technology such as pressure detection or proximity monitoring devices (e.g. operator movement and/or object detection)
- Be in addition to standard safety devices (e.g. a dead-man switch, emergency stop button etc.);
- Be approved by the Original Equipment Manufacturer (OEM) for use with their plant; and
- Meet the appropriate design and engineering standards.



**Examples of Secondary Safety Systems (SSS)**

			
<b>Operator Presence System</b>	<b>Proximity Systems</b>	<b>Contact switches</b>	<b>Protective Structures</b>
The system monitors the position and movement of the operator with respect to the controls and enables MEWP movement.	Sensors that may detect an object near (e.g. above and behind) the operator and then restrict MEWP movements. Multiple sensors are typically used.	Contact switches that activate when contact is made with an object and then restricts MEWP movements. Typically fitted on poles or whiskers.	A mechanical barrier fitted to the guardrails at the platform controls or around the platform.

Reference: [Elevating Work Platform Association of Australia – Information Sheet](#)

Refer to <https://ewpa.com.au/wp-content/uploads/2020/04/Secondary-Guarding-on-MEWPs-FINAL-1.pdf>

The current approved Secondary Safety Systems are;

- Genie Lift Guard;
- JLG Skysense;
- EQSS OverWatch;
- Protective Innovations MEWP Shield.

*Note: MEWP’s fitted with a sensor detection system must be inspected and maintained in accordance with OEM requirements, and records kept.*

- Harness is required.