

# SECONDARY GUARDING SOLUTIONS: SCISSORS AND VERTICAL MASTS

Skyjack's aerial work platforms are designed with a range of safety features in accordance with a variety of global regulatory requirements.

Industry groups have recently suggested circumstances, conditions, and operations that might result in inadvertent contact with obstructions and consequently an entrapment hazard. As a result, a form of secondary guarding is now being requested on aerial work platforms by some equipment users and construction sites.

Skyjack recognizes there is no single best solution to help reduce the risk of entrapment. Much depends upon a specific job site risk assessment to determine the most appropriate solution for any need or application.



## SECONDARY GUARDING LIFT ENABLE

Maintains the operator in upright position and away from railings; mitigating the risk of entrapment when lifting. As the operator encounters an object the enable button hand becomes removed and stops the lift function.



## KEY FEATURES

- Robust control box shroud provides additional guarding of controls; reducing the risk of unintended actuation
- Both joystick and secondary enables must be activated to allow the platform to lift; release of either will stop the function immediately
- A secondary anti-tamper enable button located on the side of the control box
- The secondary enable button is not used for lowering the platform or for driving; those functions are joystick enable only
- SGLE is suitable for vertical masts, SJIII/SJ DC scissors, and compact SJ6826/32 RT scissors
- Available as a direct factory install or aftermarket accessory\*



# SKYPROTECT

Provides ultrasonic based operator protection when lifting. A sensor detects objects within a pre-set warning zone in the immediate lift vicinity of the operator and inhibits machine operation.

## KEY FEATURES

- Robust control box shroud provides additional guarding of controls, reducing the risk of unintended actuation
- Single strategically placed ultrasonic sensor detects objects within a preset warning zone in the immediate vicinity of the operator as platform lifts
- Produces audible and visual warnings of obstructions
- Slows (E-Drive series) and then stops machine functions based on proximity to obstructions
- SkyProtect is suitable for electric drive vertical masts and DC scissors (E-Drive series)
- Available as a direct factory install or aftermarket accessory\*



# SKYPROTECT<sup>+</sup>

Provides ultrasonic based operator protection when lifting while additional protection for driving in reverse is provided through the addition of an enable button.

Both the joystick and secondary enable button must be activated to allow the platform to lift or reverse. When either the joystick or secondary enable functions are released all functions stop.

## KEY FEATURES

- Combines the features of SkyProtect and an enable button for lift and reverse
- SkyProtect+ is suitable for electric drive vertical masts and E-Drive scissors
- Available as a direct factory install or aftermarket accessory\*



\* Standard lead times may be increased when optional equipment is added, consult factory.  
Capacities and machine weights may differ when accessories and options are added.

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### WARNING

Secondary Guarding is not intended to change the need for the operator to be aware of their environment. Hazards that will cause serious injury or death may not be completely avoided by Secondary Guarding. The operator must always look in the direction of travel when the MEWP is moving while obeying all instructions and warnings provided with the MEWP. Secondary Guarding does not replace the need for safe working practices such as task specific risk assessments and proper planning.

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