# IS YOUR FLEET EXPOSED?

## ANSI A92.20 wind ratings


| | | |
|---|---|---|
| 0 mph (0 m/s) | 2 | FULL |
| 28 mph (12.5 m/s) | 1 | FULL |

Can the A92.20 19ft scissor lifts you're adding to your fleet go to full height? Can they do it exposed to wind?

Our SJ3219 offers full height capability up to 28mph wind speed, so you don't have to question if you have the right lift for the job at hand.

The SJ3219 – Simply Reliable, Simply Versatile.

www.skyjack.com

SKYJACK™ simply reliable

# ANSI A92.20 wind ratings

Skyjack's new SJ3219 and its leading wind rating classification allows its use to full height in wind conditions up to 28mph (12.5m/s). This makes the SJ3219 the lightest machine in the 19ft class with 2/1 personnel rating to full height.

One of the significant differences between A92.5/A92.6 and A92.20 standards is the manner in which the effects of wind ratings are applied. Wind loads were not explicitly considered in the A92.5 and A92.6 standards. Wind ratings were typically applied based on other the machines being dual-certified to CSA standards (CSA B354.4 and B354.2 standards), which did take wind loading into account for the machine design. Wind load considerations in the A92.20 standard are generally more stringent than the previous requirements from CSA B354.4 or B354.2.

Within the industry we have often talked in terms of indoor and outdoor ratings. While the A92 standards make use of the terms "indoor use" and "outdoor use", the definitions do not refer to a physical location, but rather whether the MEWP is used in an area or environment that is exposed to wind.

The issue is that wind can cause issues in partially completed and enclosed buildings, just as it can in the open air. Think of the stages of a construction project or a maintenance application where wind becomes a factor that must be considered through open apertures in structures. "Indoor" use still exposes the operator and their MEWP to wind if the windows have not been installed yet, or if the factory bay doors are open; this needs to considered when renting the appropriate MEWP for the job. The situation worsens if one thinks of quite often exaggerated effects of wind tunnel, vortices and other similar phenomena.

While options exist for manufacturers to supply lighter, "indoor" only machines into category classes previously occupied by machines rated for indoor and outdoor use, these really have to be considered as "zero wind" units and Skyjack thought differently. Fleet managers will be challenged to consider the wind rating of their future purchases to ensure compatibility with the applications of their customer base.

What is particularly relevant here is what outdoor personnel rating a machine has AND to what height. It is now common in the North American A92.20 marketplace to see a 19ft scissor lift that only has a wind rating to 10-15ft, seriously limiting its versatility in a way that many have yet to consider.

For a fleet or branch manager this means the consideration of the appropriateness and the flexibility of their fleet.

- Do they run two distinct types of machines?
- How do they ensure the customer uses the right machine for the job?
- How do they deal with customer expectations that are based on the older A92.5/A92.6?
- How do they deal with complaints as customers perceive they have been given a machine that is not up to the job?

Skyjack's SJ3219 offers full height capability up to 28mph wind speed, so you don't have to question if you have the right lift for the job at hand and you don't need to predict if your fleet mix of "zero wind" and "wind rated" machines will meet your customer's demand for the life of your assets.

Find out more about the SJ3219 here:
skyjack.com/product/sj321519-new
Or contact your Skyjack territory manager here:
skyjack.com/sales-contacts