

**ROE**  
CREATIVE DISPLAY



## **Air Frame**

Lightweight Touring Solution

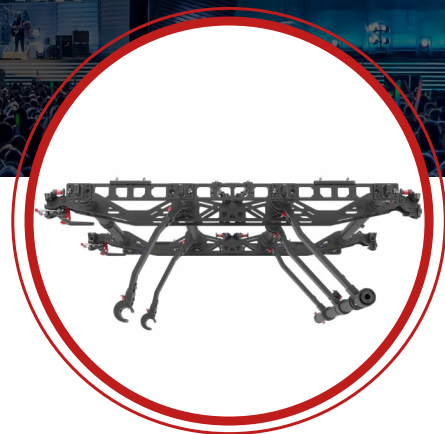
TOURING FRAME





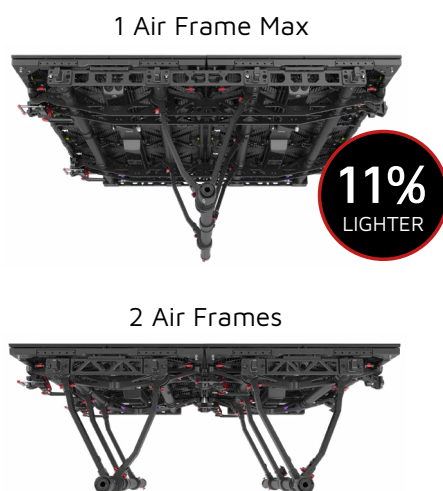
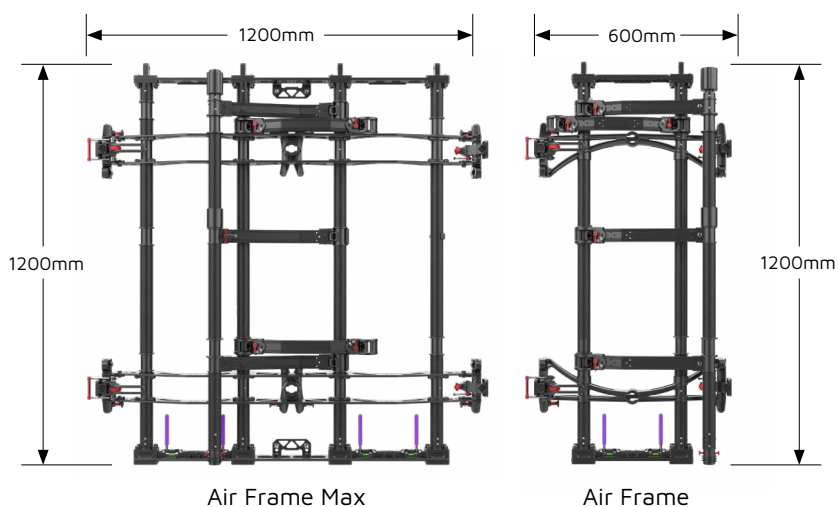
The Air Frame is a lightweight, foldable touring system compatible with the Carbon series panels, including the CB3, CB5 and CB8. It provides a convenient all-in-one solution for hanging, stacking, and transporting outdoor LED screens, which accelerates setup and enhances safety against wind.

Now, the Air Frame Max doubles the size solution for larger events, allowing for more efficient setup, suitable for the trend towards larger-size screens.



## Lightweight and Robust

Our Air Frame carbon tube folding frame guarantees optimal reliability as a complete touring system. The folding frames are easily mounted and installed, creating a robust structure to support your LED panels. The frame is created to withstand environmental influences, like wind and is therefore suitable for outdoor situations.



Air Frame Max measures 1200mm x 1200mm, which is larger than the original Air Frame measuring 600mm x 1200mm. This increase in size results in improved overall strength and better flatness. Despite its larger size, the Air Frame Max is even 11% lighter than using two standard Air Frames.



The Air Frame offers various concave and convex curving options for highly creative video wall designs, featuring a horizontal variance of (-10° to +10°). This allows for positioning at -10, -5, 0, +5, and +10 degrees. Additional positioning between -10 and +10 degrees can help achieve a wide range of staging effects for artists and designers.

Air Frame Max provides an alternative option, supporting all functions of the standard Air Frame, including the same curved locking function, compatibility with original hanging bar, wind bracing ladder (with an extra arm), and dolly.



Lightweight  
and robust



Creative  
installation



Hanging Bar



Wind Bracing Ladder  
for AF Max



Wind Bracing Ladder  
for AF



Dolly

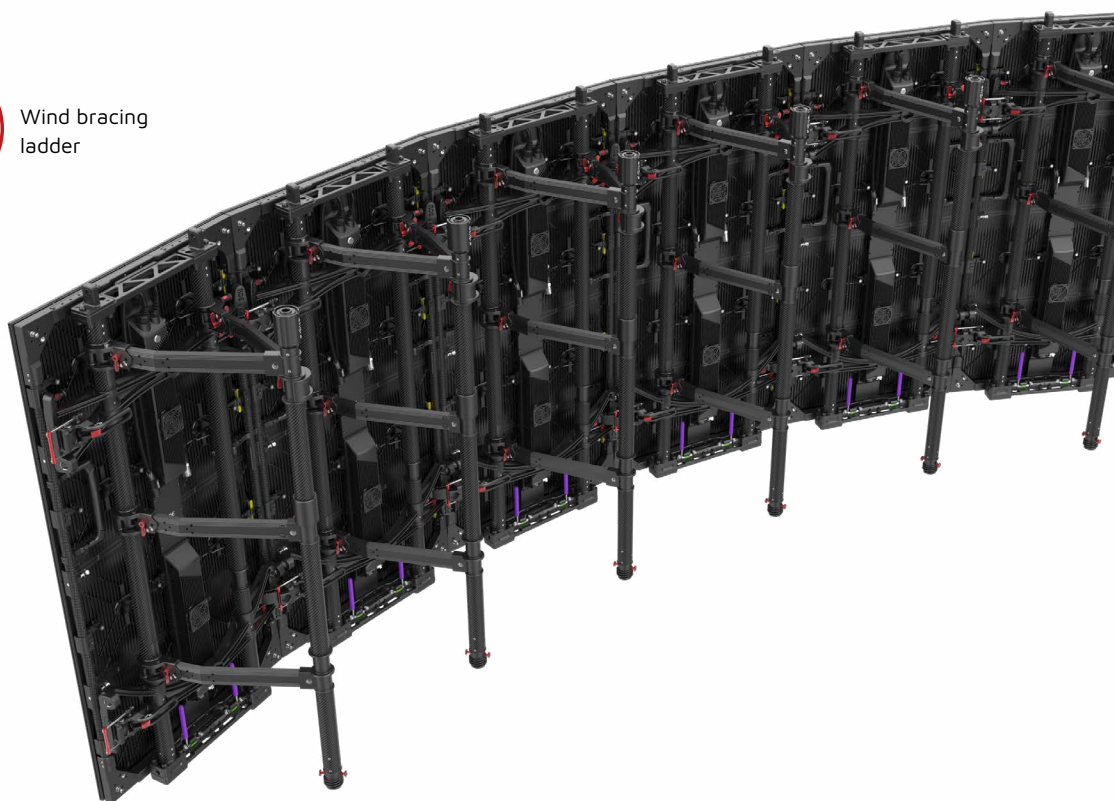


Easy panel  
access  
and panel  
protection

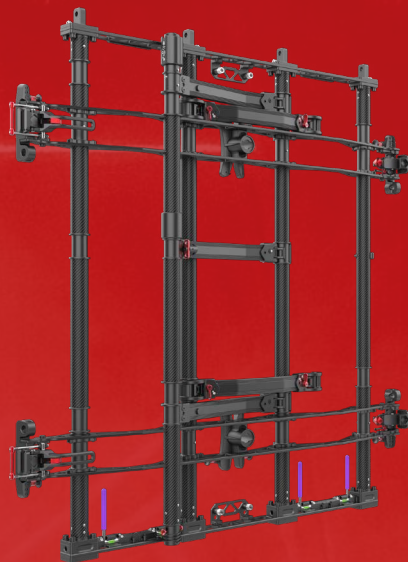


Wind bracing  
ladder

The Air Frame Max is the preferred choice for flat screens, whereas the standard Air Frame is ideal for smaller curved screens.







Air Frame Max

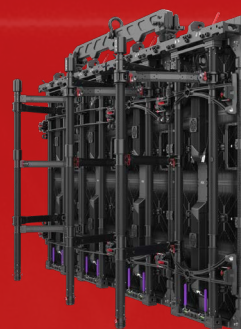


Air Frame



Air Frame Half

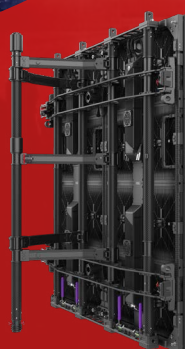
## Hanging Installation



## Stacking Installation



Wind bracing ladder closed



Wind bracing ladder open



## Optimized Space Utilization

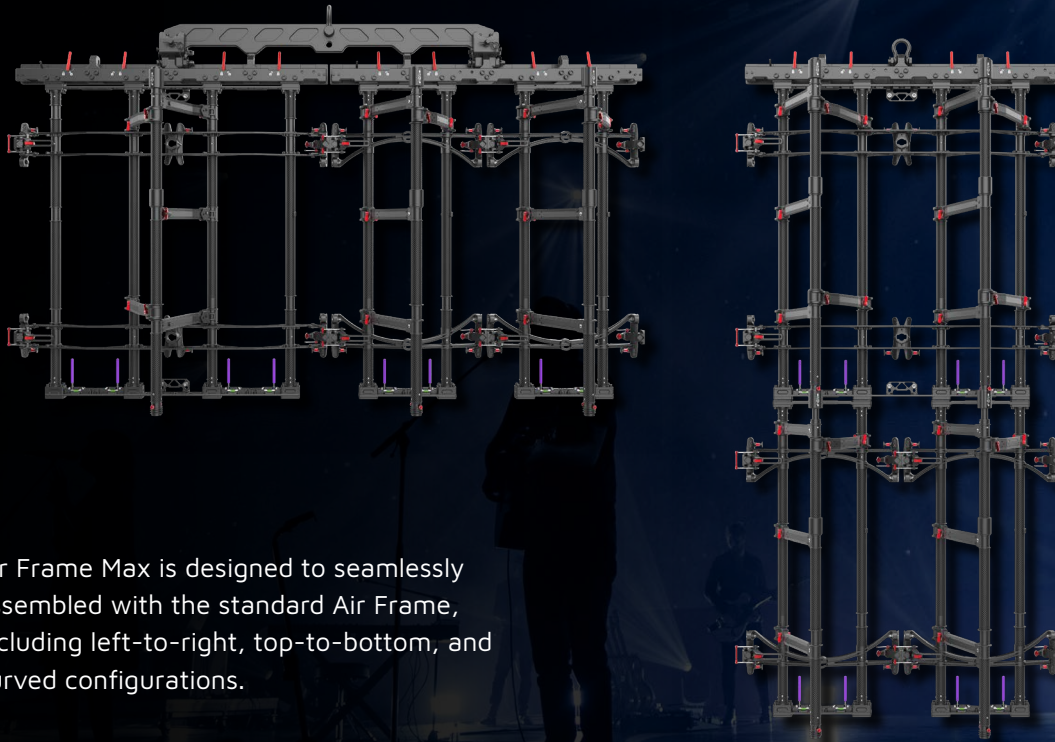
Air Frame comes with specially designed dolly that fits truck containers to save on transportation cost. The dollies are easy to handle and can be stacked to save on transport or warehouse space.





# The New partner of Carbon.

## Lightweight and integrated wind bracing



Air Frame Max is designed to seamlessly assembled with the standard Air Frame, including left-to-right, top-to-bottom, and curved configurations.



### Easy Panel Access and Panel Protection

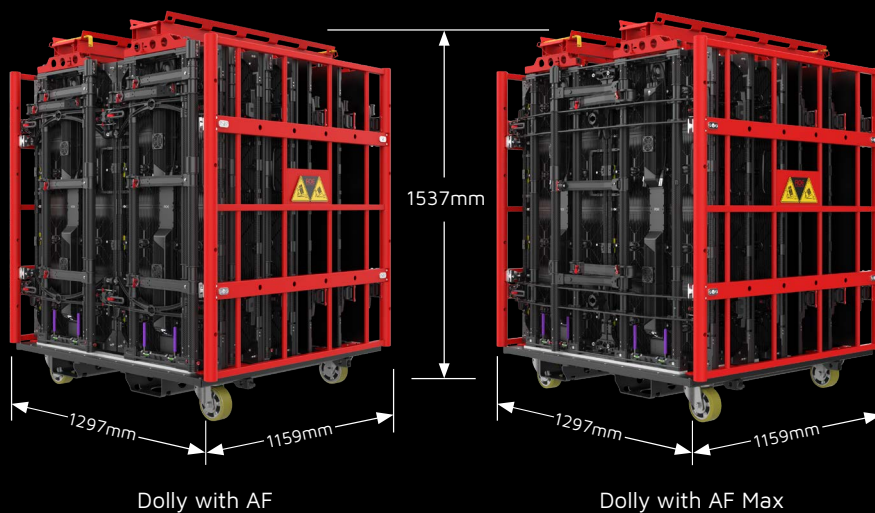
Air Frame allows for convenient front and back replacement of panels from the video wall. This is particularly useful for engineers dealing with production restraints. Bottom edge pixel protection design helps maintain panel integrity during the installation and transportation.

## Specifications

Dimension of AF Max	1200mm x 1200mm x 120mm
Dimension of AF	600mm x 1200mm x 120mm
Dimension of Half AF	600mm x 600mm x 120mm
Material	Carbon Fiber and Aluminun
Maximum Hanging Height	24m
Maximum Stacking Height	7.2m
Weight of AF Max + Wind Bracing Ladder + CB3MKII	34.1kg/m <sup>2</sup>
Weight of AF + Wind Bracing Ladder + CB3MKII	35.9kg/m <sup>2</sup>
Weight of AF Max + CB3MKII	31.1kg/m <sup>2</sup>
Weight of AF + CB3MKII	30.7kg/m <sup>2</sup>
Weight of AF Max + Wind Bracing Ladder + CB5MKII	33.0kg/m <sup>2</sup>
Weight of AF + Wind Bracing Ladder + CB5MKII	34.8kg/m <sup>2</sup>
Weight of AF Max + CB5MKII	29.9kg/m <sup>2</sup>
Weight of AF + CB5MKII	29.6kg/m <sup>2</sup>
Dimension of Dolly	1159mm x 1297mm x 1537mm (with stackers)
Dolly Weight with CB3MKII	501.48kg (with stackers)
Dolly Weight with CB5MKII	488.68kg (with stackers)
Dolly Capacity	16pcs full CB panels / 32pcs half panels

Notes: The Specifications are for reference, actual values may vary.

## Dimensions



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