

Need to move a heavy load over a structurally sensitive foundation?



Use AeroGo Load Modules to move heavy loads on a low weight rated surface.

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24,000 lb. roof top air handlers;
9 ft X 14 ft X 25 ft/
3m x 4m x 7.5m

Challenges:

- Heavy units needed to be moved through a difficult travel path and then across a structurally sensitive foundation. The first move was from the parking lot through an underground tunnel. Ground obstructions kept the crane from landing the air handlers into final position. So a second 150 foot/46m move was needed after the crane had set the loads down on to the weigh sensitive roof top.

Advantages:

- Aero-Casters offer a wider area of weight distribution than other convention material handling options.
- The omni directional movement of Aero-Caster technology also allowed the operators to precision align the air handler connections to the pre-existing plumbing fixed into the concrete pad.
- Aero-Caster systems make a great addition to most conventional material handling equipment systems.



27-inch Aero-Caster Load Module Systems were used with some shimming to compensate for the off-centered load weight.



Metal taped seams

Mechanical jacks were used to increase insertion space to raise the load up, 24 inches/ 58 mm, onto the concrete pad. Metal tape sealed the overlay seams.

Other Suggestion: For rental units or for those companies wanting to do their own in-house rigging... sometimes having a bulls eye marking on the top of the Load Module, like a stencil saying "Center load in middle" is helpful for the users/operating personnel.



AeroGo Load Module Systems offer the value of omni directional movement and wider weight distribution without additional components or accessories.