

Technical specifications

KEY BENEFITS

- **Enhanced safety:** Equipped with a Falling Object Protection System to protect from falling objects and weather conditions.
- **Dual functionality:** Each unit has dual functionality and can be used as a transport platform or material hoist.
- **Smart driving mode:** Improves overall performance by optimizing Transport Platform (TP) and Material Hoist (MH) operating modes.
- **Better ergonomics:** Openable back panel allows faster installation, dismantling and better ergonomics.
- **Improved ride comfort:** Alimak Alisoft software-controlled starter technology provides a smooth ride comfort, reducing power consumption and safeguarding the lifespan of the motor and other components.
- **Reduced environmental impact:** Modular, lightweight design, energy-saving technology, and digital connectivity reduce environmental impact.
- **Compatibility:** Shares height components and landing equipment with legacy Alimak TPL transport platforms and Medius 350 construction hoists.



ALIMAK VECTIO 350 5-15 (EN12158 & EN16719)

CAPACITY	1 Phase Version	3 Phase Version
Payload capacity, max.	500 kg (1,100 lbs)	500 kg (1,100 lbs)
No. of persons, max. (TP/MH mode)	5* / 0	5* / 0
Speed (TP/MH mode)	10 / 10 m/min. (33 / 33 ft/min.)	12 / 24 m/min. (39 / 79 ft/min.)
DIMENSIONS AND WEIGHTS		
Platform dimensions (W x L)	1.40 m x 1.60 m (4.59 x 5.25 ft)	1.40 m x 1.60 m (4.59 x 5.25 ft)
Lifting height tied, max.	50** m (164** ft)	100** m (328** ft)
First tie position, max.	6 m (19'-8")	6 m (19'-8")
Tie distance, max.	7.5 m (24'-7")	7.5 m (24'-7")
Overhang, max.	4.5 m (14'-9")	4.5 m (14'-9")
Base unit	1,150 kg (2,535 lbs)	1,150 kg (2,535 lbs)
Mast, triangular 350, tubular steel with integrated bolts	54 kg (119 lbs)	54 kg (119 lbs)
Tie	43 kg (95 lbs)	43 kg (95 lbs)
ELECTRICAL DATA		
Rated power (TP/MH mode)	1 x 2.2 / 2.2 kW	1 x 4.4 / 5.5 kW
Power supply	230 V, 50 Hz, 1 phase	400 V, 50 Hz, 3 phase
Rated current (TP/MH mode)	12.7 / 12.7 A	8.9 / 10.8 A
Power consumption (TP/MH mode)	3 / 3 kVA	6.2 / 7.5 kVA

* Including payload ** Increased lifting height on request. For other demands or specifications, please consult your Alimak representative.