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Kinesys Apex Hoist 1250 Spec Sheet

🕒 Sep 27, 2025 Knowledge

Title

Kinesys Apex Hoist 1250 Spec Sheet

URL Name

4404566330139-kinesys-apex-hoist-1250-spec-sheet

Summary ⓘ

Details

Kinesys Apex Hoist 1250 Spec Sheet

Key Features

- Ultra-smooth movement, precision speed and position control in compact package
- Double Reeve version available
- Complies with hoist safety standards of EN17206
- Integral SIL3 rated loadcell
- Control via Apex Drive V2
- Integrates with TAIT and Kinesys software platforms



Description

The Apex Hoist 1250 is a variable-speed electric chain hoist with a maximum speed of 200 mm/s and lifting capacity of 1250 kg (2750 lbs). Its compact design and compliance with the industry's most rigorous safety standards such as EN17206 make the Apex Hoist 1250 suitable for a wide range of automation situations, including those that require movement over people.

Low-noise brakes, the ability to "hover" at zero-speed and ultra smooth movement allow the Apex Hoist 1250 to be used in environments where chain hoists were previously not suitable and to make the most complex of show moves a reality.

The integrated load cell ensures precise load monitoring without the need for external load monitoring systems.

In conjunction with the Kinesys Apex Drive V2, the Apex Hoist 1250 is able to log key data such as run time, maximum load, temperature and brake cycles. This ensures the hoist is not over-exerted, that regulatory requirements are being met and that maintenance schedules are being kept.

As part of the Kinesys Apex system, the Apex Hoist 1250 can be used with the full range of TAIT and Kinesys automation software platforms.

Specifications

Software Compatibility

Control System	TAIT Navigator and iQ Kinesys Vector and K2
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Electrical

Motor Phase	3 Phase + PE
Voltage	208/400/480 V nominal
Duty Cycle	Intelligent Duty Cycle management
Brakes	Dual, low-noise and monitored

Connections

Power, Network	Multi-function Harting connector
Drive Controller	Apex Drive V2

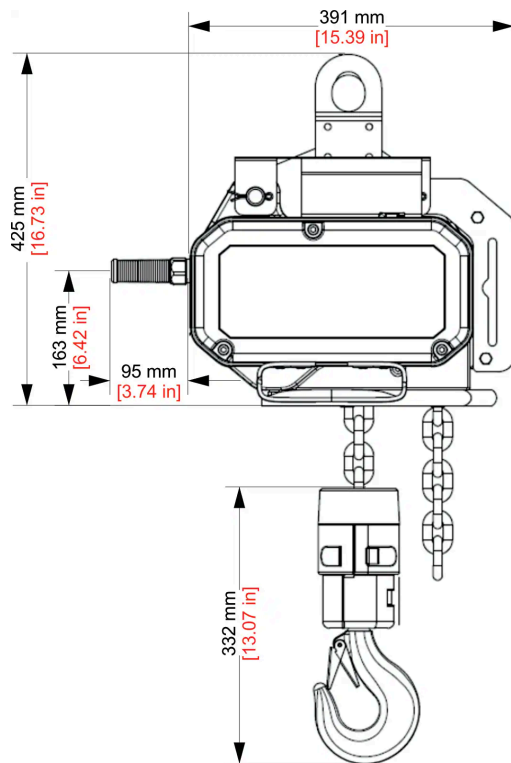
Mechanical

Load Capacity	Single reeve: 1250 kg (2755.78 lbs)
10:1 Factor of Safety (FoS)	Double reeve: 2500 kg (5511.56 lbs)
Speed	Single reeve: 0-200 mm/s (0.66 ft/s) Double reeve: 0-100 mm/s (0.33 ft/s)
Chain	Size: 11 mm x 31 mm (0.43 in x 1.22 in) Weight: 2.75 kg/m (1.85 lbs/ft)

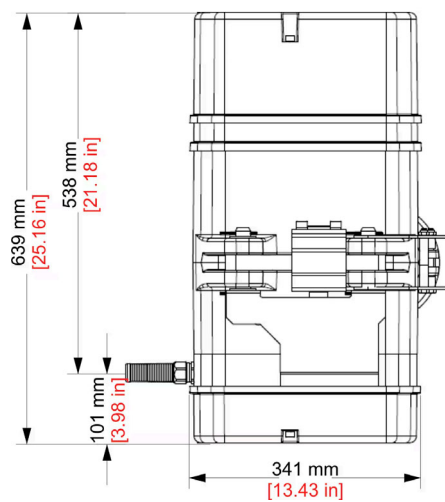
Max. height of lift achievable	Single reeve: 75 m (246.06 ft) Double reeve: 37.5 m (123.03 ft)
Features	Integral SIL3 rated loadcell, temperature monitoring
Construction	
Dimensions (L x W x H)	639 mm x 391 mm x 425 mm (25.26 in x 12.39 in x 16.73 in) Excluding hook assembly
Weight	92.5 kg (203.9 lbs) with no chain 179 kg (394.63 lbs) with 24 m chain 255 kg (562.18 lbs) with 50 m chain, double reeved
Certifications	CE, EN17206 Use Cases 1-4
Compliance	EU Machinery Directive, EU EMC Directive, DGUV 17 (BGV C
Safety	CE, EN17206 Use Cases 1-4

Dimensions

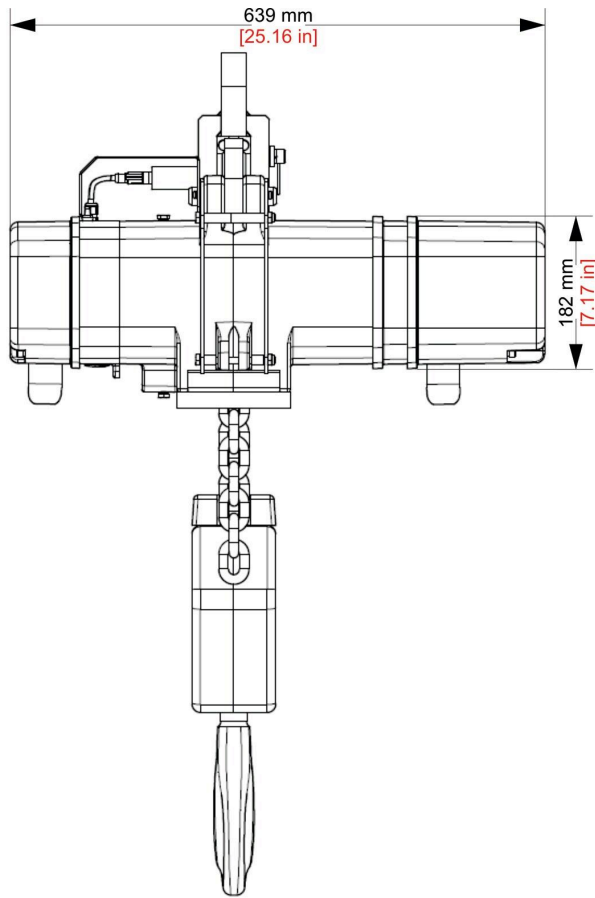
Front View



Top View



Side View



Still Have Questions?

If you have any questions at all--or if you're ready to rent--[please contact us](http://www.taittowers.com/contact/) (<http://www.taittowers.com/contact/>). We look forward to hearing from you soon!

Disclaimer: These specifications are general guidelines only and may not be appropriate for your particular project. All product specifications and Data are subject to change without notice. Data, performance features, and images may vary from the final project quote. Issue date: 2025.01.29. Copyright 2025 TAIT Towers Manufacturing, LLC. All rights reserved.

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