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رکاز الجودة للمقاولات العامة

Rakaz Al Joudah General Contracting

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الخبر ٣٤٦٢٢ ٥٢٧

Saudi Arabia

المملكة العربية السعودية

Datasheet

Dingli S1212AC+ Electric Scissor Lift

Brand: Dingli



Short Description

The **DINGLI S1212AC+** is an **electric scissor lift** designed for safe, efficient access in indoor and low-noise environments. With a stable platform, smooth AC drive performance, and easy maneuverability in confined areas, it is ideal for maintenance, installation, warehousing, and fit-out works. A reliable rental solution for teams that need dependable vertical access and productive work at height.



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Full Description

Product Overview

The **Dingli S1212AC+** is a state-of-the-art electric scissor lift designed for superior performance in both indoor and outdoor applications. With a maximum working height of **12 meters** and a maximum platform height of **10 meters**, it provides excellent reach for various tasks such as maintenance, installation, and construction. The platform supports a Safe Working Load (S.W.L) of **408 kg** on the main platform and **113 kg** on the extension, accommodating up to **2 occupants indoors** and **1 occupant outdoors**.

Dimensions & Measurements

The S1212AC+ features optimized dimensions for efficient maneuverability: an overall length of **2.48 m**, width of **1.15 m**, and a height of **2.49 m** with the rails up (or **1.96 m** with rails down). The platform measures **2.27 m x 1.12 m** with a **0.90 m** extension, ensuring a spacious working area. It offers a ground clearance of **0.10 m** when stowed and **0.019 m** when raised, with a wheelbase of **1.87 m** and a tight turning radius of **0 m inside / 2.10 m outside** for excellent navigation in confined spaces.

Performance Specifications

This model offers outstanding performance with a **25% gradeability**, travel speeds of **6.0 km/h** when stowed and **0.8 km/h** when raised, and lift/lower speeds of **54/51 seconds**. The machine can operate safely on slopes up to **X-1.5° / Y-3°**. Weighing **3060 kg**, it is powered by a high-performance **28.8V / 175Ah lithium-ion battery** with a 5-year warranty, a **28V / 30A charger**, dual **15VAC / 0.87kW** driving motors, and a **15VAC / 3.42kW** lifting motor, supported by a **20L** hydraulic tank.

Innovative Features

The S1212AC+ incorporates several advanced technologies, including a **fully sealed AC system** for both driving and lifting, ensuring zero maintenance and enhanced durability. Electric steering provides smoother operation, while a **40% reduction** in connections and a **66% reduction** in energy consumption significantly improve efficiency and sustainability.

Standard features include: proportional joystick controls, self-locking gate, drive-at-full-height capability, non-marking tires, two-wheel drive and steering, automatic brake system, emergency descent, cylinder holding valve, onboard diagnostics, tilt and motion alarms, horn, hour meter, safety arm, forklift pockets, one-way platform extension, charging protection, flashing beacon, foldable guard rails, automatic pothole protection, drive enable system, charging indicator, manual brake release, lanyard points, tie-down points, platform load sensing, emergency stop, hydraulic oil receiver, pure electric steering, and a kinetic energy recovery system.

Origin & Quality Assurance

The **Dingli S1212AC+** is manufactured by **Zhejiang Dingli Machinery Co., Ltd.** in China. Known for its environmental efficiency, reliability, and emphasis on operator safety, this model is an excellent choice for demanding industrial and commercial environments.



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الرقم الضريبي: ٣٣٨٨٨٧١١٤٣

٧٢٧٩ الخبر جنوبية

٣٤٦٣٢٢ الخبر ٥٢٧

المملكة العربية السعودية

Technical Specifications

Dingli S1212AC+ Electric Scissor Lift

Specification	Value
Model	S1212AC+
Manufacturer name	Zhejiang Dingli Machinery Co. Ltd.
Country of origin	China
Max. Working Height	12.00m / 39ft 4in
Max. Platform Height	10.00m / 32ft 10in
Overall Length	2.48m / 8ft 2in
Overall Width	1.15m / 3ft 9in
Overall Height (Rails Up)	2.49m / 8ft 2in
Overall Height (Rails Down)	1.96m / 6ft 5in
Platform Size (Length × Width)	2.27m × 1.12m / 7ft 5in × 3ft 8in
Platform Extension Size	0.90m / 2ft 11in
Ground Clearance (Stowed/Raised)	0.10m / 0.019m / 4in / 1in
Wheelbase	1.87m / 6ft 2in
Turning Radius (Inside/Outside)	0m / 2.10m / 0in / 6ft 11in
Tyres	φ381 × 127mm
S.W.L	408kg / 900lb
S.W.L on Extension	113kg / 249lb
Max. Occupants (Indoor/Outdoor)	2/1
Gradeability	25%
Travel Speed (Stowed)	6.0km/h / 3.73mph
Travel Speed (Raised)	0.8km/h / 0.50mph
Max. Working Slope	X-1.5° / Y-3°
Up/Down Speed	54/51sec
Overall Weight	3060kg / 6746lb
Hydraulic Tank	20L / 5.3gal
Lithium Battery	28.8V / 175Ah
Charger	28V / 30A
Driving Motor	2 × 15VAC / 0.87kW
Lifting Motor	15VAC / 3.42kW