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٣٦٠٢ حي الجزيرة
الرياض ١٤٢٦٢
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Datasheet

Hangcha 140XEN Electric Scissor Lift

Brand: Hangcha



Short Description

Hangcha 140XEN self-propelled electric scissor lift delivering a **13.8 m** working height, **320 kg** load capacity, and **0.9 m** deck extension for safe, efficient indoor aerial work.

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Full Description

The **Hangcha 140XEN** is a self-propelled electric scissor lift designed to provide safe, efficient, and reliable access for indoor aerial work. With a **maximum working height of 13.8 m** and a load capacity of **320 kg**, it accommodates up to two operators and tools with ease.

Equipped with a spacious platform measuring **2.27 × 1.14 m** and an **extension deck of 0.9 m**, the 140XEN offers excellent workspace flexibility. Its compact dimensions and **zero inside turning radius** make it ideal for maneuvering in tight indoor areas such as warehouses, factories, and maintenance facilities.

The scissor lift is powered by a **24V/290Ah maintenance-free lead-acid battery**, with an optional **25.6V/230Ah lithium battery** for extended runtime and reduced maintenance. The **AC drive motor (3.5 kW)** delivers smooth, energy-efficient performance with lower noise levels, ensuring comfort and productivity during operation.

Advanced safety features include an **anti-overturning system**, proportional control for precise lifting and lowering, and automatic alarms when working on slopes beyond the rated inclination (1.5° longitudinal / 3° lateral). Solid non-marking tires, **381 × 127 mm** in size, provide stability and durability on indoor surfaces.

With a robust weight of **3000 kg** and high-quality Hangcha engineering, the 140XEN is built for long-term reliability and minimal downtime. It is the perfect choice for contractors, rental fleets, and industrial users seeking a versatile and high-performance aerial work platform.

Images







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Technical Specifications

Hangcha 140XEN Electric Scissor Lift

Specification	Value
Manufacturer	Hangcha
Model	140XEN
Country of Origin	China
Platform Capacity	320 kg
Load Capacity	113 kg
Working Height	13.8 m
Platform Height	11.8 m
Overall Length	2.48 m
Overall Width	1.15 m
Platform Dimensions	2.27 × 1.14 m
Wheelbase	1.87 m
Ground Clearance	100 / 20 mm
Operating Weight	3000 kg
Height (Guardrail unfolded)	2.62 m
Height (Guardrail folded)	2.05 m
Extended maximum length	0.9 m
Turning Radius (Inside)	0 m
Turning Radius (Outside)	2.2 m
Tire Size	381 × 127 mm
Travel Speed	0 – 3.5 km/h
Lifting speed (unladen)	0.17 – 0.21 m/s
Descending speed (unladen)	0.17 – 0.21 m/s
Maximum slope rating	25 %
Motor Model	JXQD-3.5-NG
Battery Charger	24 V / 36 A
Motor rated power	3.5 kW
Battery (standard)	24V 290Ah (Lead-acid)
Battery (option)	25.6V 230Ah (Lithium)
Maximum number of workers	2 (indoor)
Lifting time (up)	55 ± 5 s

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Specification	Value
Lowering time (down)	55 ± 7 s
Maximum allowable inclination	1.5° (longitudinal) / 3° (lateral)