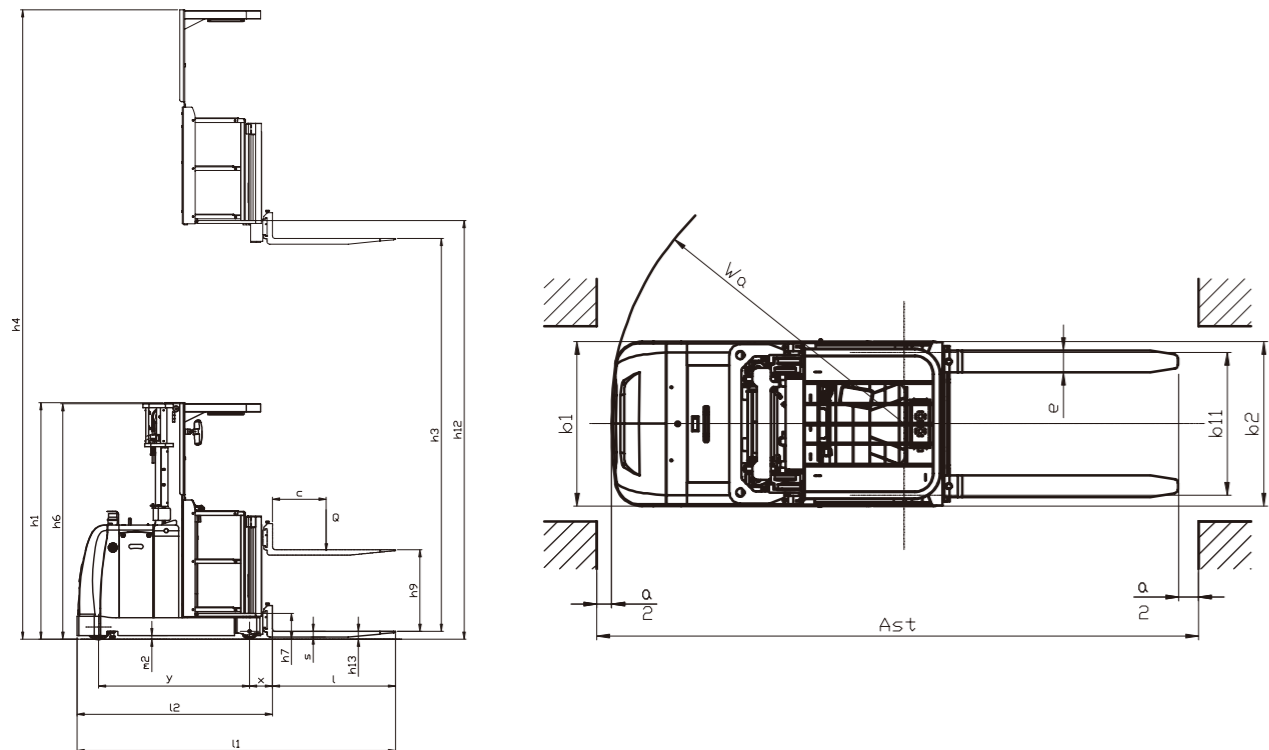


## 0.7t A Series Medium Level Order Picker Specification

Distinguishing mark	1.1	Manufacturer (abbreviation)	HANGCHA GROUP CO.,LTD.		
	1.2	Manufacturer's type designation	CJ007-AC1-MI		
	1.3	Drive: electric	Electric		
	1.4	Operator type	Order picker		
	1.5	Rated capacity/rated load	Q (kg)	700	
Weight	1.6	Load centre distance	c (mm)	600	
	1.8	Load distance, centre of drive axle to fork	x (mm)	204	
	1.9	Wheelbase	y (mm)	1345	
	2.1	Service weight(incl.battery)	kg	2050	
	2.1	Service weight(without battery)	kg	1930	
	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		PU	
	Tyres/chassis	3.2	Tyre size, front	mm	Ø230×75
		3.3	Tyre size, rear	mm	Ø152.4×76.2
		3.5	Wheels, number front/rear (* = driven wheels)		1x/2
		3.7	Tread, rear	b1 (mm)	780
Dimensions		4.2	Height, mast lowered	h1 (mm)	2330
		4.4	Lift	h3 (mm)	4500
		4.5	Height, mast extended	h4 (mm)	6830
	4.7	Height of overhead guard (cabin)	h6 (mm)	2300	
	4.8	Seat height relating to SIP/stand height	h7 (mm)	230	
	4.11	Additional lift	h8 (mm)	800	
	4.14	Stand height, elevated	h2 (mm)	4730	
	4.19	Overall length	l1 (mm)	2910	
	4.20	Length to face of forks	l2 (mm)	1710	
	4.21	Overall width	b1/b2 (mm)	900/900	
	4.22	Fork dimensions DIN ISO 2331	s / e / l (mm)	55/122/1200	
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	35	
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	3170	
	4.35	Turning radius	Ws (mm)	1530	
	Performance data	5.1	Travel speed, laden/unladen	km/h	9/9
5.2		Lift speed, laden/unladen	mm/s	200/240	
5.3		Lowering speed, lade/unladen	mm/s	320/300	
5.8		Max. gradeability, laden/unladen	%	5/5	
5.10		Service brake		regenerative	
Electric engine	6.1	Drive motor rating S2 60 min	kW	2.2	
	6.2	Lift motor rating at S3 15 %	kW	3.2	
		Battery voltage/nominal capacity	(V)/(Ah)	24/250	
		Battery weight	kg	120	



HANGCHA GROUP CO., LTD.

Factory site: 666 Xiangfu Road,  
Hangzhou, Zhejiang, China (311305)

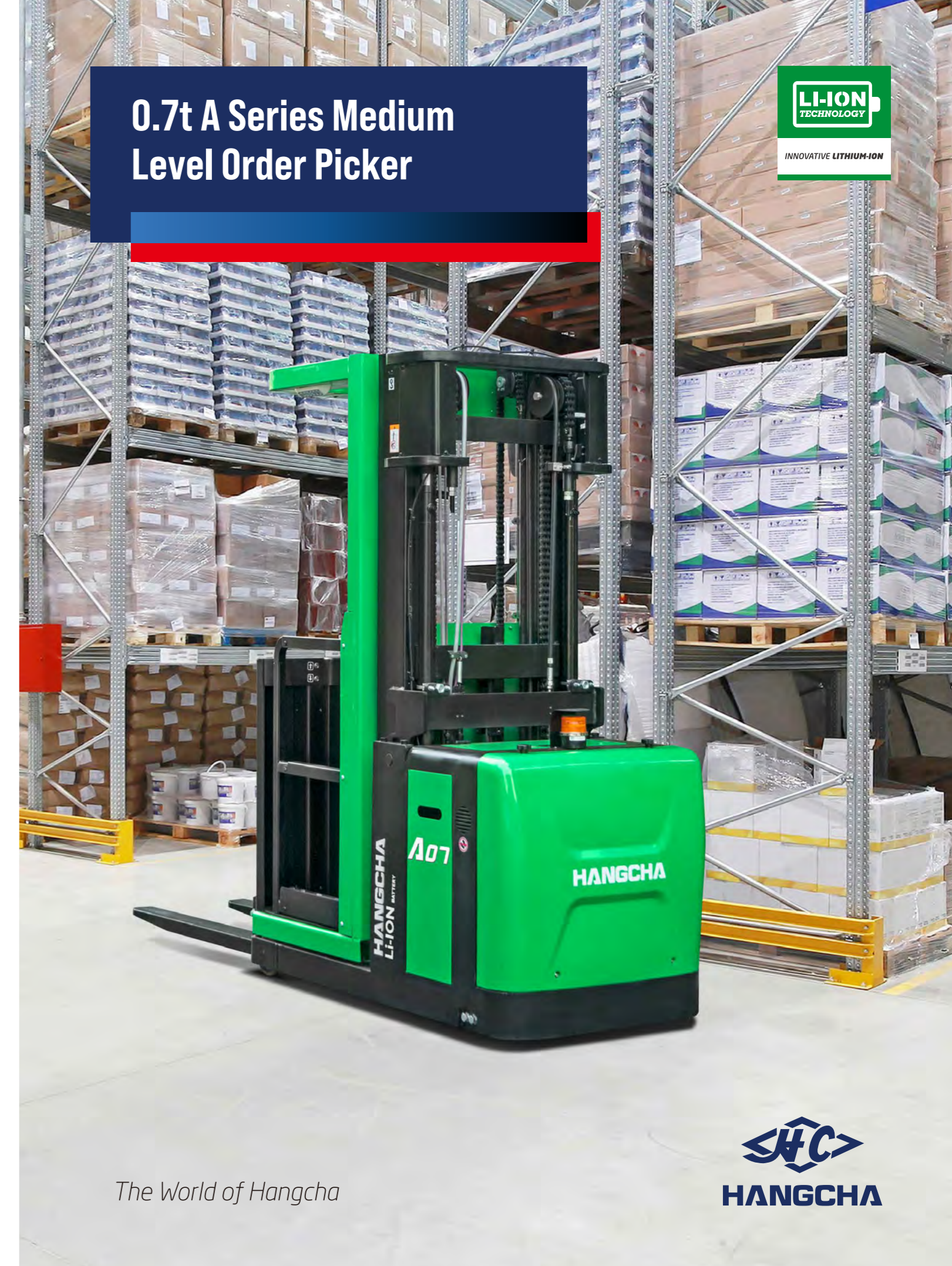
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## 0.7t A Series Medium Level Order Picker



The World of Hangcha



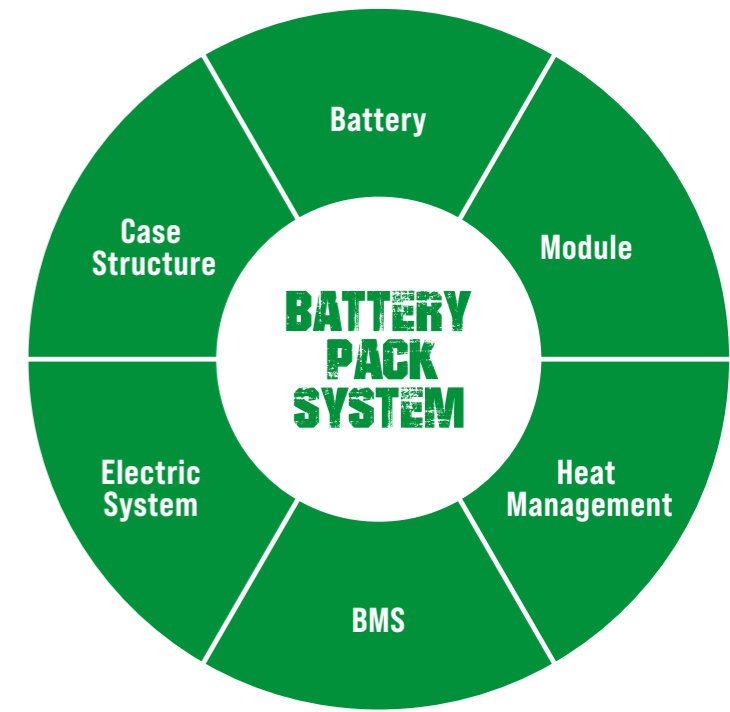
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# LET THE LITHIUM POWER TAKE OVER



# INNOVATIVE SOLUTIONS NEW POWER NOW

- / We use square lithium iron phosphate batteries and modules used in large quantities by commercial vehicles in mature economies.
- / The module uses an aluminum alloy frame which is sturdy, lightweight and with excellent heat dissipation.
- / Safe and effective: Charging efficiency as high as 98%, thermal runaway temperature 600 °C or above.
- / Adapted to low temperatures: Comes standard with an electrical heating feature , ensuring normal operation in low temperatures.
- / Quick charging.
- / Long-working: 4000 charging cycles, capacity retention greater than 75%.
- / Maintenance-free: Battery does not require manual maintenance.
- / Green and clean: Pollution-free, zero emissions.



*Rapid charging and opportunity charging ensure continuous availability of vehicles*



Allow for fast full charging or boost charging. They are maintenance free and do not require a battery change when used for multi-shift operations.



HANGCHA PROVIDES **6 YEAR** OR **12000 HOURS** GUARANTEE ON LITHIUM BATTERY.



**6 YEARS WARRANTY**

# 0.7t A SERIES MEDIUM LEVEL ORDER PICKER

A series light-load intermediate-position stockpickers are high-end models of storage equipment.

The vehicle has a comprehensive safety protection system, excellent ergonomics and advanced control system.



up to  
**6m**



Being reliable, stable, comfortable and safe and with excellent performance, it is applicable to the stock picking in a stereoscopic warehouse.

## Reliability



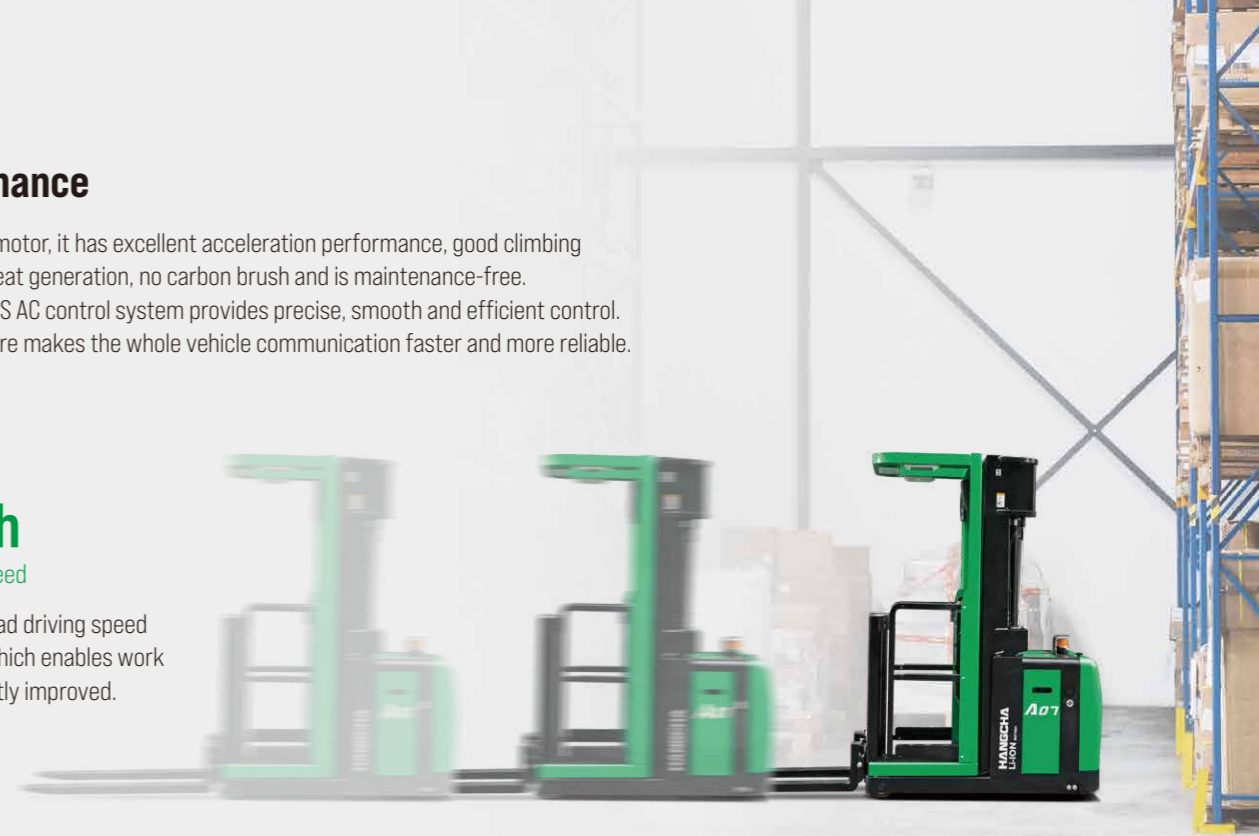
- / The frame is made of high-strength steel plate and has a long service life.
- / All wires and cables are reliably protected, greatly improving the reliability of the electrical system.
- / Important components such as switches, connectors, instruments, etc. are imported from abroad, with excellent performance and reliable quality.

## High performance

- / With an AC walking motor, it has excellent acceleration performance, good climbing performance, low heat generation, no carbon brush and is maintenance-free.
- / The advanced CURTIS AC control system provides precise, smooth and efficient control.
- / The CANBUS structure makes the whole vehicle communication faster and more reliable.

**9** Km/h  
Maximum driving speed

The maximum full-load driving speed can reach 9 km/h, which enables work efficiency to be greatly improved.



## Comfort

- / With double cylinders and free triplex mast, during the ascending/descending, there is no impact caused by oil cylinder switching, but good comfort and safety.
- / The ascending/descending speeds of the cab and fork can be adjusted proportionally and controlled precisely.



Lifting system with end ascending/descending buffering function  
When the cab ascends to the top or descends to the bottom, the ascending/descending will be buffered to be decelerated without impact and bring more comfort.

*For the standard configuration, elegant LED cab ceiling light and side lights are provided to offer bright lighting and facilitate the picking in poorly-illuminated environments.*



For the standard configuration, multi-function instruments have multiple functions such as speed selection, wheel position display, etc. and can clearly display various information of the vehicle.

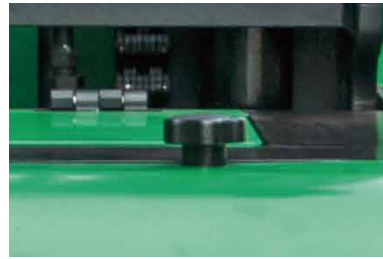


Fork end with a secondary operating system to control the ascending/descending of cab and fork and facilitate goods picking

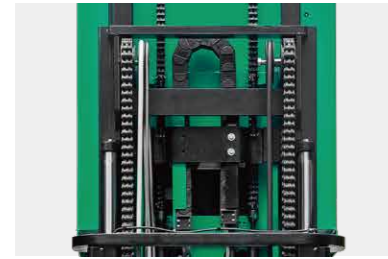


# ADDED SECURITY. THE SCIENCE OF DESIGN

- / The tilt switch is equipped as standard. When the vehicle is tilted to a certain angle forward or backward, to the left or right, it stops working. The cab must be lowered to a certain height to continue working.
- / The safety pedal is equipped as standard and you need to step on the pedal to perform other operations to improve safety.



The hydraulic system has an emergency manual lowering valve that can be operated at the rear of the vehicle to lower the cab.



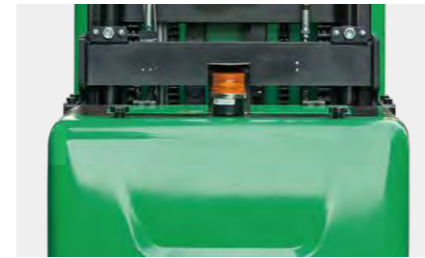
The mast chain with a safety factor of 10 times is equipped with a chain safety switch.



The mast with its upper surface low from the ground offers a wide view and good driving vision.



The acceleration joystick is equipped with a sensing switch for the standard configuration to prevent mis-touch during operations.



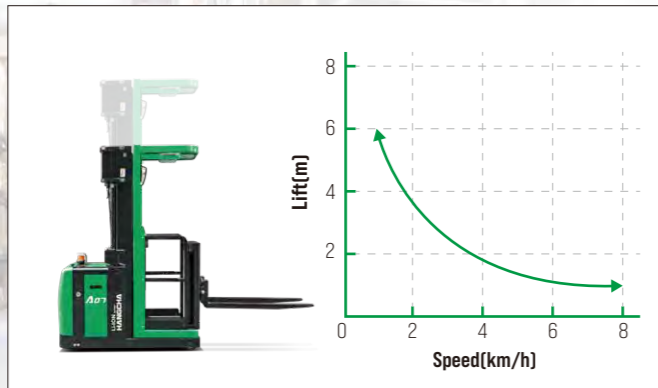
## Maintenance

- / The AC motor has no carbon brush and is maintenance-free, which greatly saves the cost of use.
- / The integrated power display, timing and fault self-diagnosis meter is convenient for maintenance.
- / The rear hood can be easily disassembled for easy maintenance of hydraulic unit, electronic control, motor and other parts.

There are safety guardrails on the left and right sides. The guardrails are equipped with detection switches. The vehicle cannot work until the guardrails are put down.

## Features

Truck	Standard
AC drive motor	●
Reflective mirror	●
Folder	●
Back cushion	●
Cup holder	●
Electrostatic belt	●
<b>Controls and instruments</b>	
CURTIS AC drive motor controller	●
Key switch	●
Multifunctional large color-screen instruments	●
Chain switch	●
Emergency shut-off switch	●
Guard rail switch	●
Acceleration joystick (with sensing switch)	●
<b>Safety</b>	
Automatic speed reduction in corners	●
Horn	●
Safety pedal	●
Tilt switch	●
Left and right guard rail	●
Electromagnetic brake	●
<b>Lights</b>	
LED ceiling light	●
LED side light	●
Alarm light	●



A smart driving deceleration system is used the driving speed is related to the lifting height. The higher the lifting height, the lower the driving speed and the smaller the acceleration. The function of proportional speed reduction in corners is equipped as standard to ensure smooth and safe turning of the vehicle.

