



A Silver-HELired-Grey

B HELired-Grey



HELI



G2 series 3-5 ton stand-on lithium battery tractor is an important equipment in the field of regional logistics. It is mainly used for material transportation in car industry, parts manufacturing and large logistics industry.



G2 series 3-5 ton stand-on lithium battery tractor applies HELI family design language to front cover.



Components are connected by sleek body ridge lines, which brings strong overall modeling and abundant surface changes to the tractor.



ANHUI HELI CO., LTD.
 Add / No. 888, Fangxing Road, Hefei, China
 Fax / +86-551-63639956
 Tel / +86-551-63639960(America); 63639258(Europe);
 63639358(Asia); 63662105(Africa & Middle East)

* Our products are subject to improvements and changes without notice.



LinkedIn YouTube Facebook

Design and development

HELI

G2 series 3-5 ton stand-on
 Lithium battery tractor



HELI Super Lithium System

The superiority of HELI lithium battery tractor is embodied in the used-cost within product lifecycle. Compared with lead-acid battery tractor, HELI lithium battery tractor is more convenient for multiple working shifts. It has lower implicit cost and more economical total running cost.



Faster charging



High efficient



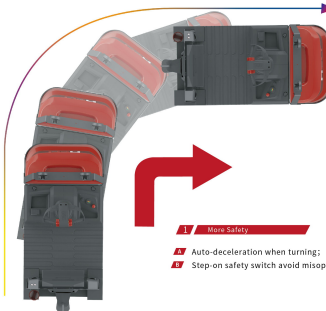
Long life



Low temperature resistance



More environmentally friendly



1 / More Safety

- A** Auto-deceleration when turning;
- B** Step-on safety switch avoid misoperation.



2 / Abound Storage Space

Convenience for operator; Improve work efficiency.



Optional

- 1) LED headlights
- 2) LED warning light
- 3) Polyurethane solid tire
- 4) Traceless solid tire
- 5) Lithium battery 48V/125Ah, 48V/200Ah, 48V/220Ah, 48V/220Ah



Configuration table			
Standard model	QYD305-L3G2LI	QYD455-L3G2LI	QYD505-L3G2LI
Controller	Imported AC controller		
motor	3kW AC motor		
Steering motor	0.6kW AC motor		
Gearbox	HELI homemade gearbox		
meter	Multi-function LCD instrument		
Control handle	HELI homemade control handle		
Brake	High-strength electromagnetic brake for reliable performance		
Battery capacity	Lithium battery 48V/125Ah		
Tire	Rubber solid tire		
Battery changing method	Pull out the side of the battery		
Optional	1) LED headlights 2) LED warning light 3) Polyurethane solid tire 4) Traceless solid tire 5) Lithium battery 48V/125Ah, 48V/200Ah, 48V/220Ah, 48V/220Ah		

Lithium battery advantages



- 1 / Environment Friendliness**
 - Zero emission
 - Low noise
 - Free of heavy metals
 - No corrosion
 - No acid mist volatilization
- 2 / Maintenance Free**
 - Unnecessary of fluid adding and dust proofing;
 - Daily maintenance free;
 - Manual maintenance free.
- 3 / Long service life**
 - Over 75% capacity reserved after 4000 shifts operation;
 - Longer service life than lead-acid battery in equal working condition;
 - 5 years or ten thousand hours quality guarantee for high performance lithium battery assembly.
- 4 / High Efficiency and Energy saving**
 - 2 hours charging meet 6-8 hours working demand;
 - High-energy density, self-discharging rate lower than 1% per month;
 - 90% energy conversion rate, superior charging and discharging performance;
 - Flexible to charge, easy to operate, no impact on battery life;
 - Unnecessary to change battery, cost saving.
- 5 / Suitable for working in both high and low environment**
 - Lithium battery is better than lead-acid battery when working between -25°C and 55°C.

Ergonomic design



1 / Short Handle

Provide flexible and convenient steering.



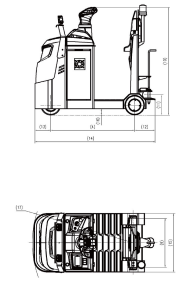
2 / Adjustable Backrest

0-150mm; Stroke: 0-150mm; Improve driving comfort; Meet driving needs of different heights.

150mm

0mm

Technical Data



Serial Number	Model	Unit	QYD305-L3G2LI	QYD455-L3G2LI	QYD505-L3G2LI
1	Driving style		Station type		
2	Rated traction weight	Kg	3000	4500	5000
3	Rated traction	N	1250		
4	Wheelbase	mm	1130		
5	weight	Kg	830	880	880
6	No-load bridge load before/after	Kg	500/330	550/330	550/330
7	Tire (front wheel)		10x4x6.5		
8	Tire (rear wheel)		10x5x6.5		
9	Rear track	mm	630		
10	Full height	mm	1352		
11	Traction hook height	mm	260/360		
12	After hanging	mm	263		
13	Front overhang	mm	201		
14	full length	mm	1595		
15	Full width	mm	754		
16	Minimum ground clearance	mm	80		
17	Minimum turning radius	mm	1350		
18	Driving speed, full load / no load	Km/h	7/8	6/8	6/8
19	Climbing ability, full load / no load	%	5/10	4/10	4/10
20	Travel brake		Electric braking and electromagnetic braking		
21	Parking brake		Electromagnetic braking		
22	Drive motor power	kW	3 (AC)		
23	Steering motor power	kW	0.6 (AC)		
24	Battery voltage / capacity	V/Ah	Lithium battery 48/125		