



A / Silver-HELired-Grey

B / HELired-Grey



HELI



G2 series 3-4.5 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 3-4.5 ton stand-on lithium battery tractor applies HELI family design language to front cover.



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HELI

G2 series 3-4.5 ton stand-on
 Lithium battery tractor



Components are connected by sleek body ridge lines, which brings strong overall modeling and abundant surface changes to the 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 / 丰富的储物空间 / Abundant Storage Space **A B C D C**

Optional card reader or password unlocking device, no optional storage function.

Convenient for operator; Improve work efficiency.



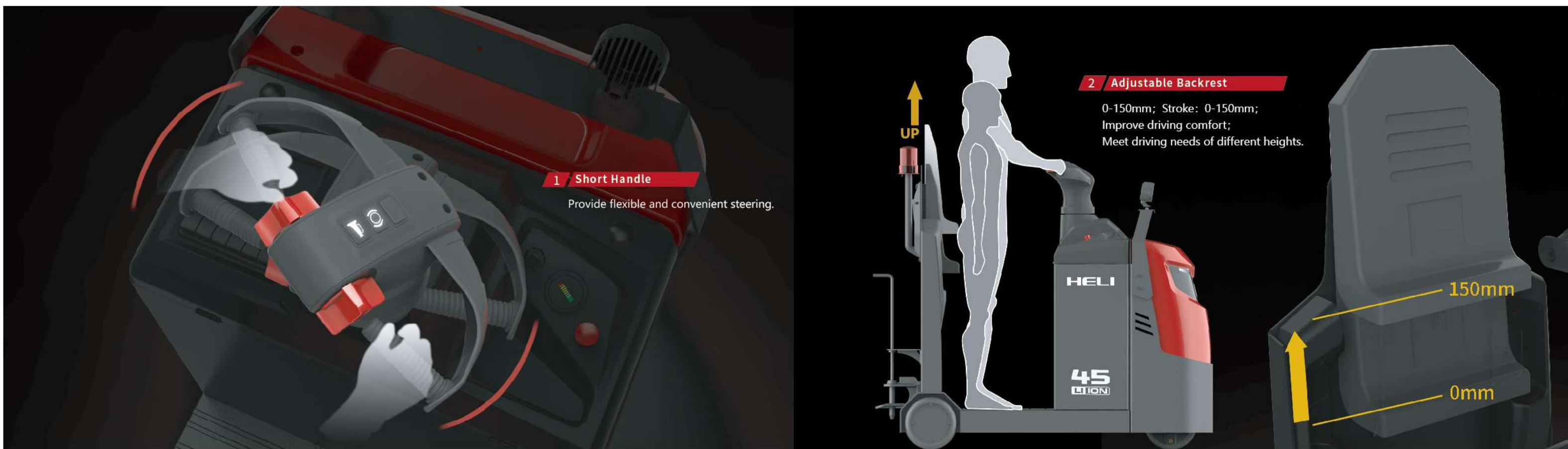
Configuration table		
Standard model	QYD30S-L3G2Li	QYD45S-L3G2Li
Controller	Imported AC controller	
motor	3kW AC motor	
Steering motor	0.6kW AC motor	
Gearbox	Heli homemade gearbox	
meter	Multi-function LCD instrument	
Control handle	Heli homemade control handle	
Brake	High-strength electromagnetic brake 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 rubber tire 5) GS battery 6) FAAM battery 7) HOPPECKE battery	

Lithium battery advantages



- 1 / Environment Friendliness**
 - Zero emission
 - No corrosion
 - Low noise
 - No acid mist volatilization
 - Free of heavy metals
- 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;
 - 95% 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.

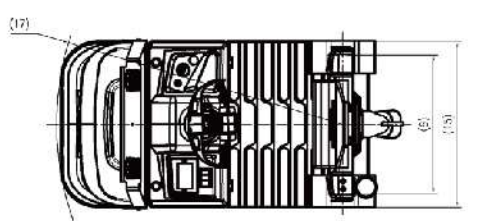
2 / Adjustable Backrest

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

150mm
0mm

UP

Technical Data



Serial number	Model	Unit	QYD30S-L3G2Li	QYD45S-L3G2Li
1	Driving style		Station type	
2	Rated traction weight	Kg	3000	4500
3	Rated traction	N		1250
4	Wheelbase	mm	1130	
5	Weight	Kg	830	880
6	No-load bridge load before/after	Kg	500/330	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
19	Climbing ability, full load / no load	%	5/10	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	
24	Battery voltage / capacity	V/Ah	Lithium battery 48/125	
25	Battery weight	Kg	100	