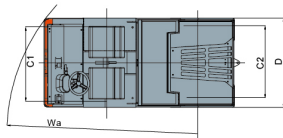
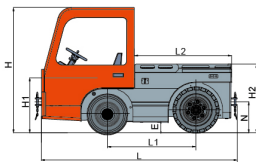


G SERIES 8-15t



CHARGER TECHNOLOGY



- High Efficiency: Charging efficiency higher than 95% meeting the requirements of energy saving and emissions reduction
- Speediness: 100% charging realized in 2 hours at the soonest
- Compatibility: 48 v / 80 v compatibility meeting the demand of different voltage levels
- Safety: Built-in mis-connecting protection offering self isolating function under fault;
- Perfect fault self checking alarm facilitating users maintenance .

SMART METER



- Foot pedal
- Seat switch
- Traction base height
- Travelling speed mode indicator
- Fault code
- Lifting locking indicator
- Fault indicator
- Safety belt indicator
- Front and rear gears
- Battery level
- Function keys
- Steering angle indicator (optional)
- Function keys
- Hourmeter
- Vehicle speed
- Confirm key
- Exit key
- Subentry hourmeter (optional)

- Truck working condition can be known directly and easily through reliable meter displaying important information such as truck working condition, fault and so on.

15%

RENEWABLE ENERGY TECHNOLOGIES

With AC type energy regeneration technology, the working hour of single battery shift is 15% increased.

Technical parameters

Item	Unit	QYD80-J1LI	QYD100-J1LI	QYD120-J1LI	QYD150-J1LI
1 Model		QYD80-J1LI	QYD100-J1LI	QYD120-J1LI	QYD150-J1LI
2 Driving mode		Seated			
3 Rated towing weight	kg	8000	10000	12000	15000
4 Service weight	kg	2470	2470	2510	2750
5 Rated traction force	N	3200	3200	3200	4000
6 Max. traction force	N	9500	9700	10000	13000
7 Travelling speed (unloaded/loaded)	km/h	12/18	11/18	10/18	10/16
8 Gradeability (unloaded/loaded)	%	10/20	8/20	6/20	5/20
9 Overall dimension: LxWxH	mm	2950x1300x1820			3120x1300x1820
10 Wheelbase	mm	1280			1465
11 Tread	mm	1110			
12 Min. steering radius	mm	1070			
13 Min. ground clearance	mm	2800			
14 Front overhang	mm	130			
15 Rear overhang	mm	920			
16 Traction hook height	mm	620			
17 Tyre	mm	350/450			
18 Service brake		6.50-10-10PR			
19 Parking brake		28x9-15-14PR			
20 Driving type		Hydraulic brake & electric brake			
21 Driving motor power	kW	Mechanical brake			
22 Steering motor power	kW	Rear drive			
23 Battery voltage/capacity	V/Ah	12(AC)			
24 Battery weight	kg	1.35 (DC)			
25 Driving control mode		16.6(AC)			
26 Operator's ear noise	dB	48/404			

Standard configuration	Optional configuration	Lithium battery options
Enclosed cab	Front traction base	48V/456Ah (PENGCHENG)
pneumatic tyre	Solid tire	48V/404Ah (HEDING)
Liquid crystal meter	Rotating warning light	QYD80/100/120-J1LI
Driver's tool	Customized painting	80V/456Ah (PENGCHENG)
Two wheel braking	Air heater	80V/404Ah (HEDING)
Pin	Front traction base	QYD150-J1LI



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



HELI

8-15t

G series lithium battery tractor



www.heliforklift.net



» Brief introduction

G series 8-15t lithium battery tractor which has popular appearance and reliable performance is a new generation of environment friendly tractor designed by HELI. With ergonomic design principle, driving comforts in sitting, operation space and environmental protection are ensured. The four-wheel truck is powered by lithium battery. The steering wheel is front wheel and the drive wheel is rear wheel. With fully hydraulic-powered brake technology, the brake is easy and reliable. Imported CURTIS controller with stepless speed regulation is assembled on the truck. The truck has low noise, powerful traction force, easy operation and flexible steering.

Lithium battery advantages

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.

Environment Friendliness

- Zero emission
- Low noise
- Free of heavy metals
- No corrosion
- No acid mist volatilization

Maintenance Free

- Unnecessary of fluid adding and dust proofing
- Daily maintenance free
- Manual maintenance free

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

Suitable for working in both high and low environment

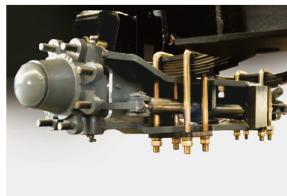
- Lithium battery is better than lead-acid battery when working between -25°C and 55°C

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

Drive system

- Special drive axle for AC type electric tractor is assembled to ensure low noise, large speed ratio, no pollution, stable travelling and good sealing condition. With large underclearance, good passing ability is ensured.



Electric system

- The most advanced imported AC type chopper, CAN bus communication and closed-loop control mode offer the truck high efficiency, low heat, high safety, simple drive electric circuit, high chopper frequency. And the stable system current is ensured, the heat generated by motor and battery is reduced and reliability is greatly improved.
- Working hour, battery electric quantity, travelling speed and fault code are shown through excellent meters.

Superior intellectualized design

- Superior intellectualized designs not only ensure operator and truck safety but also improve working efficiency, reduce energy consumption.

Steering system

- With fully hydraulic powered horizontal cylinder steering axle, the steering is flexible and easy. The steering system has high efficiency, easy operation and long service life.

Brake system

- Fully hydraulic powered brake technology offers easy and reliable brake.

Operating system

- Proper angle and position of braking pedal and acceleration pedal and slight pedal force fully satisfy ergonomic requirements.
- Adjustable steering wheel fits different operator's size.
- With good brake effect in cold condition and enough brake force, national mandatory performance standards in service brake and parking brake are satisfied.
- With inching button, safe and precise connection between the tractor and trailer is ensured through inching forward or backward.

