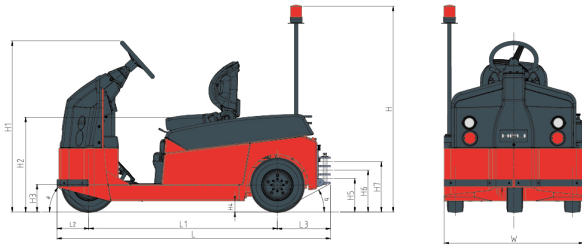
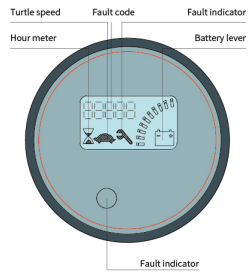


G2 SERIES 2-7 t



Multifunctional LCD meter



RENEWABLE ENERGY TECHNOLOGIES

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

15%

Technical parameters

Item	Unit	QYD205-J2G2	QYD305-J2G2	QYD405-J2G2	QYD505-J2G2	QYD605-J1G2	QYD605-J2G2	QYD705-J1G2	QYD705-J2G2
1 Model									
2 Rated towing weight	kg	2000	3000	4000	5000	6000		7000	
3 Max. towing force	N	3000	3100	6000	6100	8000		8100	
4 Rated towing force	N	800	1000	1500	1600	2600		2800	
5 Length	L(mm)	1740		1950				2060	
6 Width	W(mm)	860		960				1050	
7 Height	H1(mm)	1270		1270				1540	
8 Overhang length	L2(mm)	260		240				240	
9 Overhang length	L3(mm)	280		400				400	
10 Seat height	H2(mm)				710				
11 Pedal height	H3(mm)				200				
12 Traction hook height	H5/H6/HT(mm)	250/310		290/350				250/315/380	
13 Min. ground clearance	H4(mm)				75				
14 Approach angle	a(°)	43				38			
15 Departure angle	b(°)	30				28			
16 Min. steering radius	mm	1530		1600				1790	
17 Wheel base	L1(mm)	1200		1310				1420	
18 Tread	mm								
18 Front	mm								
18 Rear	mm	730		825				882	
19 Tyre									
19 Front		3.50-8		4.00-8				4.00-8	
19 Rear					2x4.00-8				
20 Tractor weight	kg	735	790	960	980			1140	
21 Front axle load	kg	260	300	365	370			360	
22 Rear axle load	kg	475	490	595	610			780	
23 Travelling speed (loaded/unloaded)	km/h	9/12		9/12		8/12		9/14	
24 Gradeability (loaded/unloaded)	%	10/20	6/20	6/20	5/20	6/20		4/20	
25 Driving brake	-					Hydraulic brake & AC regeneration brake			
26 Parking brake	-					Mechanical			
27 Driving motor power	kW	3.0 AC		4.0 AC		6.5 AC			
28 Steering motor power	kW					0.6 AC			
29 Battery voltage/capacity	V/Ah	24/240	24/320	48/210	48/240			48/320	
30 Driving control mode	-					Electronic stepless mode			
31 Operator's ear noise	db					<65			

Standard configuration

Standard configuration	Optional configuration
Homemade battery	Emergency power
Liquid crystal instrument	FAAM battery
Solid tyre for all wheels	HOPPECKE battery
Multi layer traction seat	Semi-closed cab
Pole type warning light(6-7 ton only)	Traceless solid tyre
	Convenient towing mechanism
	Backview mirror



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HELI

2-7 t G2 series AC type electric tractor



www.heliforklift.net

G2 SERIES 2-7 t



» Brief introduction

G2 Series 2-7 ton AC type electric tractor, with huge improvement on layout and operating performance, is a new product designed by HELI. With low step height, the tractor realized both strength of stand-on tractor that low step height which allows for easy entry and exit and strength of sit-down tractor that sit-down driving which provide comfortable driving and reduce operator fatigue.

HELI R&D system that "Oriented by market demand" and core values that "people-oriented and repay the society with high quality products" are fully expressed by G2 series 2-7 ton AC type electric tractor.

The tractor is mainly used in car industry, postal service, medicine, tobacco, and other transport and logistics industry.



Steering system

- 2-5t electric tractor adopts reliable gear type mechanical steering system. The steering force is light and meets power-assisted steering system requirement.
- 6-7t electric tractor adopts electric steering control system. With imported steering controller, closed-loop control, CAN communication, limited steering speed, display of steering angle and automatic back to center position when starting are realized.

Driving system

- With AC driving system, the tractor has functions of close-loop control, slowly sliding down on the ramp, can communication, inching centering and so on.
- Low voltage three phase AC type asynchronism motor is used for driving. There are speed encoder and temperature sensor in it. Speed encoder is outside installed at the rear end of the motor for easy maintenance.

» Main characteristics

- The tractor was designed for Euro-market and domestic high-end market.
- Ergonomically designed compartment allows easy operation of all controls and pedals to help reduce operator fatigue.
- Low step height allows easy entry and exit.
- AC control system is adopted on driving and steering which provide high efficiency and low energy-consumption.
- With forward&backward inching button at both side, connect&release the pin can be realized by oneself.
- With speed limit when turning so the tractor is more safe and reliable.
- Efficient transmission system provides a strong power while climbing.
- With the option of convenient towing mechanism, operator can control the pin without leaving the seat.



Superior intellectualized design

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

Operating system

- Proper angle, position of braking pedal, acceleration pedal and slight pedal force fully satisfy ergonomic require.
- Adjustable steering wheel fits different operator's size. With three independent braking system, mechanical, hydraulic, and electric, the brake is safe and reliable.

