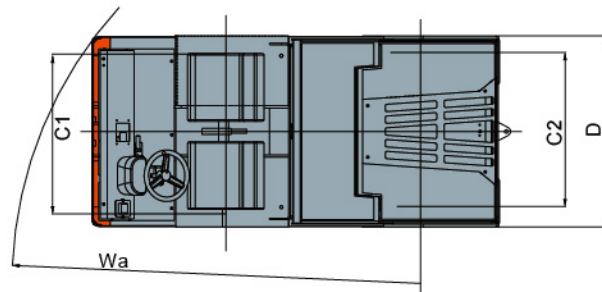
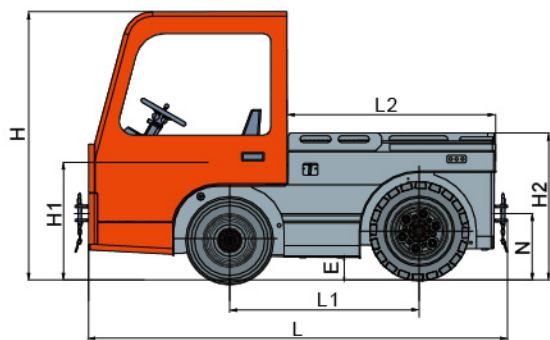


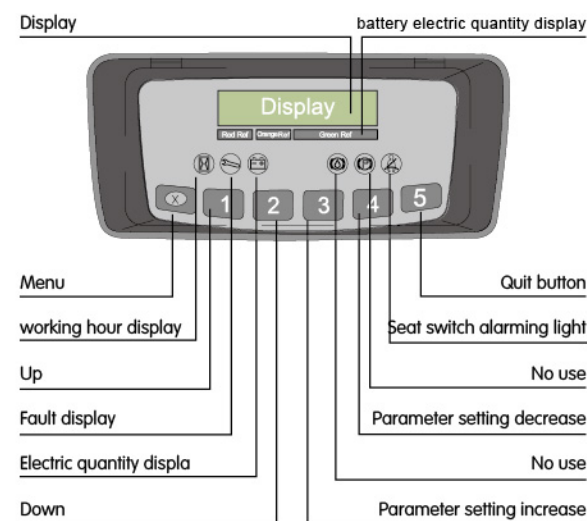


# 20-25t

## MAIN CHARACTERS AND CONFIGURATION OF AC TYPE ELECTRIC TRACTOR

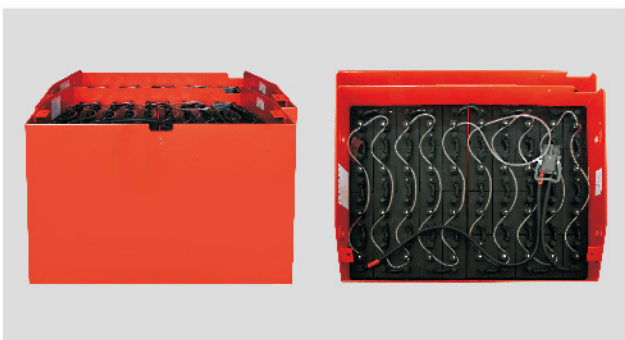


### >>> ZAPI SMRAT interactive multi functional meter

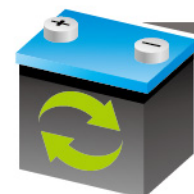


- Truck working condition can be known directly and easily through reliable meter displaying important information such as truck working condition, fault and so on.

### >>> Automatic water adding device (optional)



- Increase battery liquid adding efficiency and reduce battery maintenance person intensity.
- Avoid liquid leakage onto the battery surface when adding manually which may affect battery safety and appearance.



### >>> Energy regeneration technology

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



**15%** Working hour of single battery shift 15% increased

### Specifications

Characteristics					
1	Manufacturer	HELI			
2	Model		QYD200-J2	QYD200-JE2	QYD250-J2
3	Driving Mode	Seated			
4	Service Brake	Hydraulic/electric			
5	Rated Capacity	Kg	20000	20000	25000
6	Max. towing capacity		16000	16000	16000
7	Wheelbase	L1	N	1715	1715
8	Front Tread	C1	mm	1120	1120
9	Rear Tread	C2	mm	1090	1100
10	Overall Height	H	mm	800	860
11	Seat Height	H1	mm	350/450	350/450
12	Traction Hook Height	N	mm	1000	1060
13	Platform Height (Unloaded)	H2	mm	1800	2000
14	Load Platform Length	L2	mm	3245	3460
15	Overall Length	L	mm	1370	1370
16	Overall Width	D	mm	1820	1820
17	Min. Clearance	E	mm	110	130
18	Min. Steering Radius	Wa	mm	3250	3250
19	Travelling Speed (Loaded/unloaded)	mm	11/21	11/21	11/21
20	Gradeability (Loaded/unloaded)	Km/h	4/20	6/20	4/20
21	Tyre (Front Wheel)	%	6.00-9-10PR	6.50-10-10PR	6.00-9-10PR
22	Tyre (Rear Wheel)		7.00-12-12PR	7.00-12-12PR	7.00-12-12PR
23	Weight	Kg	3810	3800	4000
24	Traction Motor Power	kw	20	23	20
25	Battery (Voltage/capacity)N	V/Ah	80/650	80/650	80/750

### Standard Configuration

Standard Configuration		Optional	
Enclosed cab	Four wheel brake	Front traction seat	Traceless solid tyre
Homemade battery		Safety fence	GS battery(80V/700Ah)
LED combined meter		Battery automatic water adding device	FAAM battery(80V/625Ah)(20t apolegamy)
Pneumatic tyre		Rotating warning light	HOPPECK battery(80V/625Ah)(20t apolegamy)
Rear traction pin		Battery without liquid leakage hole	FAAM battery(80V/725Ah)(25t apolegamy)
Driver' s tool		Solid tyre	HOPPECK battery(80V/700Ah)(25t apolegamy)



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# 20-25ton

## MAIN CHARACTERS AND CONFIGURATION OF AC TYPE ELECTRIC TRACTOR



# HELI

LIFTING THE FUTURE

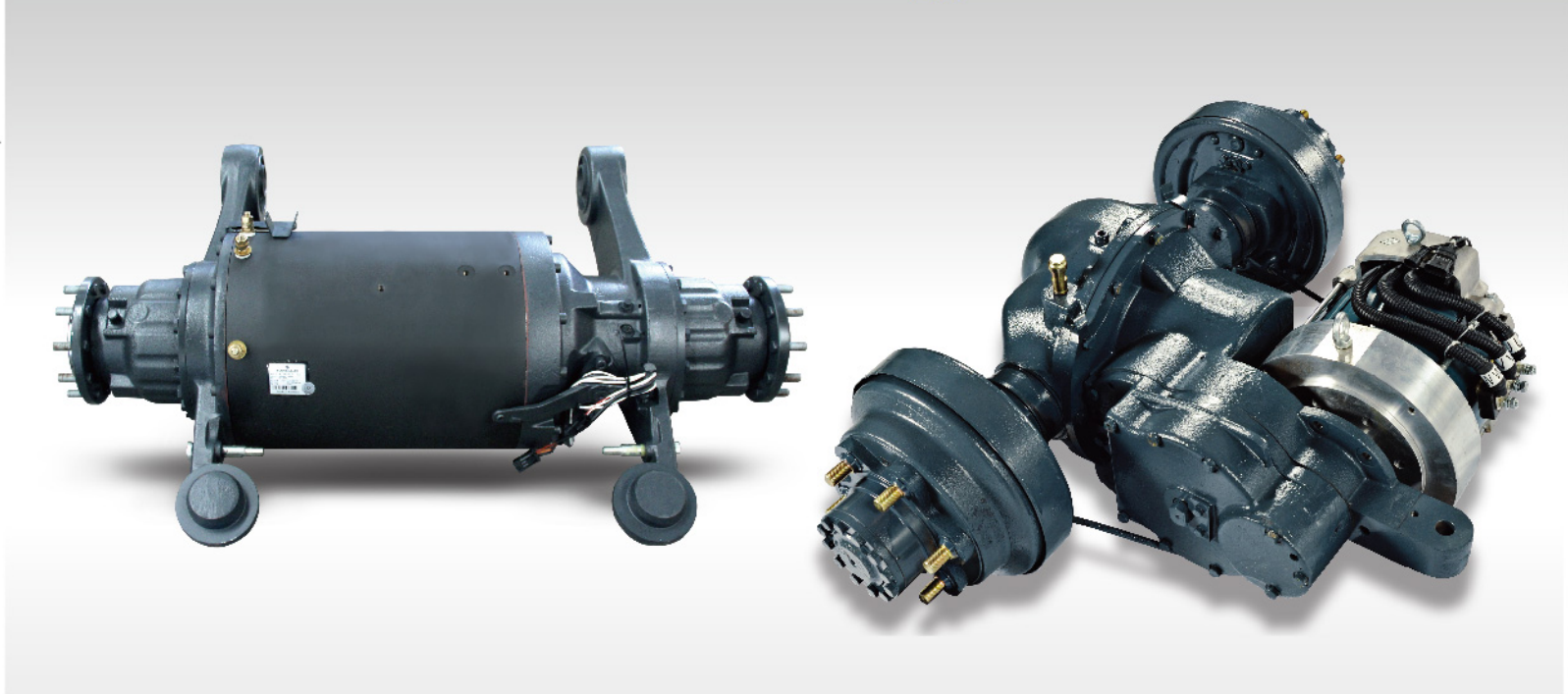




## >> Brief introduction

**20–25t AC type electric tractor** which has popular appearance and reliable performance is a new generation of environment friendly tractor designed by HELI. It is a kind of important equipment in regional logistics field and it is mainly used in airport, railway, postal service, manufacturing industry, medicine, tobacco, logistics and other industry.

The four-wheel truck is powered by battery. The steering wheel is front wheel and the drive wheel is rear wheel. Imported controller with stepless speed regulation is assembled on the truck. The truck has high energy efficiency, low noise, easy operation and flexible steering.



## Drive system

- The drive system provides the truck with compact structure, smooth transmission, low noise, excellent power performance and good passing ability. Italy imported CARRARO AC type axle (AC type motor, wet type multi disc brake, redactor and differential are included) is assembled on QYD200/250–J2; The drive axle and gear box, assembled on QYD200/250–JE2, are manufactured by HELI;

## 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.

## Powered brake system

- Fully hydraulic powered brake technology offers easy and reliable brake. QYD200/250–J2: Caliper type brake is assembled on front axle and wet brake is assembled on rear axle; QYD200/250–JE2: Drum brake is assembled on both front and rear.

## 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.

