



- Compact layout, provides good appearance.
- Low exhausting ,high working efficiency.
- Steering system adopt chain wheel structure, has high efficiency ,prolong the using life.8-25t four pivot sit down AC type, steering system adopt hydraulic power ,reduce operating intension.
- Configuration inching switch , the driver achieves hanging pin by himself.
- Battery can be side-pulled out from the truck. improve working efficiency.

Model	unit	QYD15S-E1	QYD20S-E1	QYD30S-E1	QYD40S-E1	QYD50S-E1	QYD60S-E1
Driving mode		Seated					
Steering mode		Mechanical steering					
Travel speed, with/without load	km/h	9 /12	9 /12	9 /12	9 /12	10 /15	10 /15
Grade ability with load	%*m	10*20	6*20	6*20	6*20	6*20	6*20
Turning radius	mm	1550	1550	1550	1850	1800	1800
Battery(Standard)	V/Ah	24/280	24/350	24/280	48/280	48/380	48/420
Total weight(with battery)	kg	750	750	810	1090	1650	1730



1.5-6t G SERIES AC TYPE ELECTRIC TRACTOR



Brief introduction

G series 1.5-6t AC type electric tractor which has popular appearance and reliable performance is a new generation of environment friendly tractor designed by HELI. With ergonomic design principle, strong comfort in sitting, operation noise and environmental protection are ensured.
The three-wheel truck is governed by battery. The steering wheel is front wheel and the drive wheel is rear wheel. 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.



Drive system

- Special drive axle for AC type electric tractor is assembled on 1.5-4t tractor offering low noise, no pollution, stable traveling and good working condition. With large underclearance, good passing ability is ensured.
- HELI homemade reducer case and drive axle assembly are assembled on the 2.5-6t tractor offering compact structure and stable transmission.

Steering system

- Structure compacted sprocket drive structure is applied on the front wheel offering flexible and easy steering operation and high efficiency.
- Dual-tire structure is applied on 5-6t tractor offering stable traveling.



Superior intellectualized design

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

Operating system

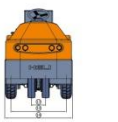
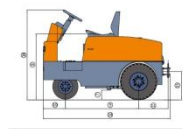
- Proper angle and position of braking pedal and acceleration pedal and sight pedal force fully satisfy ergonomic requirements.
- Adjustable steering wheel fits different operator's size.
- With good brake effect in cold condition and enough brake force, national mandatory performance standards in service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

Easy and reliable side-pulling battery charging method

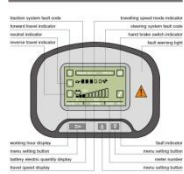
- It is optional on 2-3t tractor.



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Automatic water adding device



Energy regeneration technology

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

Item	Unit	D1510-41	D15100-41	D15100-41	D1540-41	D15100-41	D15100-41
1 Model		D1510-41	D15100-41	D15100-41	D1540-41	D15100-41	D15100-41
2 Operation type		Swivel	Swivel	Swivel	Swivel	Swivel	Swivel
3 Load capacity	t	1500	2000	3000	4000	5000	6000
4 Rated working capacity	t	800	1000	1500	1800	2000	2500
5 Weight	kg	710	810	1020	1360	1710	1710
6 Min turning radius	mm	1000	1000	1000	1000	1000	1000
7 Min ground clearance	mm	80	80	80	80	80	80
8 Seat height	mm	660	660	660	660	660	660
9 Wheelbase	mm	800	1100	1300	1300	1300	1300
10 Front wheeling	mm	400	400	400	400	400	400
11 Rear wheeling	mm	300	300	300	300	300	300
12 Type	rear type	4.0x4			2x4 2x4	4x2 4x2	4x2 4x2
13 Tread	mm	single wheel	320	320	320	320	320
14 Truck dimension (length*width*height)	mm	1770x880x1370	1880x1000x1370	1880x1000x1370	2070x1100x1465	2070x1100x1465	2070x1100x1465
15 Truck load height	mm	2070	2070	2070	2070	2070	2070
16 Driving motor power	kW	3.0(4C)	3.0(4C)	3.0(4C)	3.0(4C)	3.0(4C)	3.0(4C)
17 Traveling speed (max/min)	km/h	8/12	8/12	8/12	8/12	8/12	8/12
18 Crutchability (max/min)	mm	10/20	10/20	10/20	10/20	10/20	10/20
19 Driving system		Hydraulic system	Hydraulic system	Hydraulic system	Hydraulic system	Hydraulic system	Hydraulic system
20 Parking brake		Manual	Manual	Manual	Manual	Manual	Manual
21 Driving mode		Free drive	Free drive	Free drive	Free drive	Free drive	Free drive
22 Battery voltage/nominal capacity	V/kWh	24V/200Ah	24V/200Ah	24V/200Ah	48V/200Ah	48V/200Ah	48V/200Ah
23 Battery height	kg	240	300	470	340	720	720
24 Driving control mode				Electronic display mode			
25 Operator's seat heater	2h	-/Y	-/Y	-/Y	-/Y	-/Y	-/Y

Standard configuration	Optional configuration
Decorative glass fiber cover	Truck lift
Battery	16.6V lithium battery
Light crystal combination display	3000 km without GPS
Solar fan	Multi-gear tractor mode
Traction pin	Electronic display mode

1.5-6ton MAIN CHARACTERS AND CONFIGURATION OF AC TYPE ELECTRIC TRACTOR



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