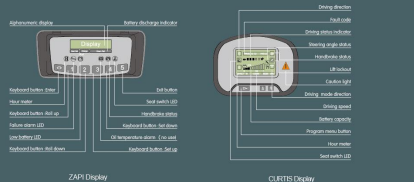


HELI

The reliable special instrument gives a complete display of the vital information, like operation status, fault detection, etc. It ensures the operator predominate the vehicle status more intuitive and convenient.



Standard configuration

wide view basic mast
standard fork
II (II) stage fork arm carrier
backrest
control valve
battery
standard seat
overhead guard
overhead guard rain cover
liquid crystal combined instrument
pneumatic tyre
traction pin
driver's tool
LED Lamp
Horn alert function on rear handle

Optional device

string rod
driver's cab
lifting hook
cargo boom
wide tyre protection device
back view mirror
side shifting
paper roll clamp
warning light (Flashing, hoisting, buzzing)
solid tyre
rear working light
steel protection net
multipurpose drum clamp
load stabilizer
widen fork arm carrier
lengthening fork
load pusher
lengthening fork extension
rotating tail clamp
auxiliary hydraulic valve component
steering cylinder jacket
colored tyre
wide view two-tone stage full free mast
customer made color
Turn automatic deceleration function
Battery lifting string



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AUTHORIZED DEALER

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HELI
LIFTING THE FUTURE

25 YEARS TOP FORK LIFT MANUFACTURER AND SALES IN CHINA FOR CONSECUTIVE 25 YEARS

H3 1-2.5t H3 series AC Electric Forklift Truck

He-series HIGH EFFICIENCY ENERGY SAVING

Improved driver's view

- Standard configuration of wide view mast, compact structure of mast and pulley block.
- Large area of overhead guard and angle optimized grid tray enlarge driver's upper view.

Improved operating comfort

- 25mm lowered pedal height, 100% enlarged accelerator pedal and 40% enlarged brake pedal improve driver's foot operating comfort.
- Super low torque steering unit makes steering light and easy.
- Rear handle with horn button ensures safe and comfortable operation while reverse driving.
- Mast and rear axle buffering improve driving comfort largely.
- Ratchet hand brake has different brake force on slope and ground, reducing driver's fatigue.



Optimized maintainability and safety

- Special side plate and top cover structure is easy for assembly and disassembly.
- Highly-mounted rear axle increasing transversal stability by 2.1%.
- Two driving modes offer optional choices to different working condition.
- Automatic deceleration when steering is optional so as to ensure the operation safety.

High efficiency and energy-saving

- The use of electric truck dedicated tire with pattern saves more than 10% of the energy during travelling.
- LED lamps save 80% of the energy.
- The professional matching design of the components prolongs the battery working time about 10%.





H3 1-2.5t H3 series AC Electric Forklift Truck



Manufacturer's Data and Design Characteristics

Character									
1.01 Manufacturer	HELI								
1.02 Model	H3-1-2.5t								
1.03 Configuration number	H3-1-2.5t								
1.04 Rated capacity	Q	kg	1000	1500	2000	2500	3000	3500	4000
1.05 Load center distance	c	mm	500	500	500	500	500	500	500
1.06 Power mode	Battery								
1.07 Driving mode	Seated								
1.08 Wheel base	L1	mm	1280	1280	1300	1300	1335	1335	1335
Size									
2.01 Type type	Pneumatic								
2.02 Wheel number(front/rear)	2/2								
2.03 Front wheel base	W0	mm	880	880	880	880	880	880	880
2.04 Rear wheel base	W2	mm	800	800	800	800	800	800	800
2.05 Type (front)	6.50-10-10PR								
2.06 Type(rear)	16×6-8-10PR								
Performance									
3.01 Front overhang	L2	mm	410	410	410	410	465	465	465
3.02 Mast tilt angle, front/rear	α/β	°	61/2	61/2	61/2	61/2	61/2	61/2	61/2
3.03 Height with mast retraction	H1	mm	1985	1985	1985	1985	2000	2000	2000
3.04 Free lifting height	H3	mm	150	150	150	150	170	170	170
3.05 Max. Lifting height	H	mm	3000	3000	3000	3000	3000	3000	3000
3.06 Max. height under working condition	H2	mm	4540	4540	4540	4540	4540	4540	4540
3.07 Overhead guard height	H4	mm	2130	2130	2130	2130	2155	2155	2155
3.08 Fork size thickness×width×length	T×W×L4	mm	32×100×770	35×100×930	35×100×930	35×100×930	40×122×930	40×122×930	40×122×930
3.09 Fork arm center, dia standard	Φ	mm	24	24	24	24	24	24	24
3.10 Truck body length (fork excluded)	L1	mm	2065	2065	2175	2175	2400	2400	2400
3.11 Truck body width	W1	mm	1070	1070	1070	1070	1150	1150	1150
3.12 Turning radius	r	mm	1770	1770	1770	1770	2045	2045	2045
3.13 Clearance between mast and ground	H5	mm	110	110	110	110	115	115	115
3.14 Clearance between wheel base center and ground(loaded)	H6	mm	120	120	120	120	135	135	135
3.15 Right angle stacking side width (pallet1000×1000mm, clearance 200mm)	Aut	mm	3380	3380	3490	3490	3730	3730	3730
3.16 Right angle stacking side width (pallet1200×1200mm, clearance 200mm)	Aut	mm	3560	3560	3690	3690	3930	3930	3930
3.17 Lateral fork adjustment(outside of fork)max.mm		mm	960/200	960/200	960/200	960/200	1030/244	1030/244	1030/244
Performance									
4.01 Travelling speed loaded/unloaded	km/h		14/15	14/15	14/15	14/15	14/15	14/15	14/15
4.02 Lifting speed loaded/unloaded	m/s		0.290/0.45	0.270/0.45	0.280/0.45	0.280/0.45	0.260/0.45	0.260/0.45	0.260/0.45
4.03 Lowering speed	m/s		0.45	0.45	0.45	0.45	0.45	0.45	0.45
4.04 Gradability (loaded)	%		18	17	15	15	15	15	15
4.05 Max. Tractor force (loaded)	N		7800	8600	9500	12300	16000	16000	16000
4.06 Acceleration time (10m) loaded/unloaded	s		5.2/5.0	5.4/5.2	5.4/5.4	5.4/5.4	6.2/6.0	6.2/6.0	6.2/6.0
Weight									
5.01 Total weight (with/without battery)	kg		2860/2030	2860/2030	3150/2380	3150/2380	4060/3080	4060/3080	4060/3080
5.02 Axle load - unloaded, front/rear	kg		1210/1480	1330/1620	1440/1535	1440/1535	1950/2180	1950/2180	1950/2180
5.03 Axle load - loaded, front/rear	kg		3000/2600	3000/2600	3400/2900	3400/2900	4200/3710	4200/3710	4200/3710
Battery									
6.01 Battery voltage/capacity/kV	VAh		48/400	48/400	48/400	48/400	48/400	48/400	48/400
6.02 Battery weight	kg		650/600-1000	650/600-1000	700/700-1000	700/700-1000	1000/950-1300	1000/950-1300	1000/950-1300
6.03 Battery, dia standard	mm		435/31A	435/31A	435/31A	435/31A	435/31A	435/31A	435/31A
Motor and controller									
7.01 Drive motor power 50 minutes	kW		8.0	8.0	8.0	8.0	11.1	11.1	11.1
7.02 Lifting motor power 15 minutes	kW		7.5	7.5	7.5	7.5	10.5	10.5	10.5
7.03 Drive motor controlling mode	MOSFET/AC		MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC
7.04 Lifting motor controlling mode	MOSFET/AC		MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC
7.05 Service brake/parking brake	Hydraulic/Mechanical		Hydraulic/Mechanical	Hydraulic/Mechanical	Hydraulic/Mechanical	Hydraulic/Mechanical	Hydraulic/Mechanical	Hydraulic/Mechanical	Hydraulic/Mechanical
7.06 Hydraulic system working pressure	Mpa		14.5	14.5	14.5	17.5	17.5	17.5	17.5

NOTE: *Detailed information about battery, please contact our salesman or engineer.

