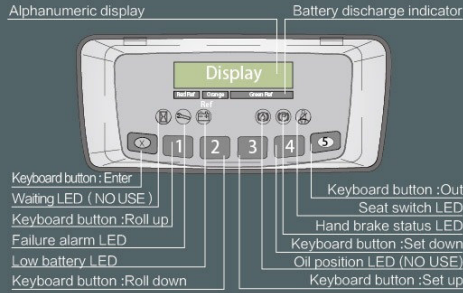
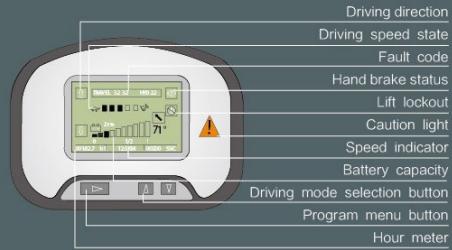


G2 series



ZAPI Display



CURTIS Display

Standard configuration

- Wide view standard mast
- Standard fork
- Class II standard carriage
- Load backrest
- Two-spool control valve
- Battery
- Standard seat
- Overhead guard
- Overhead guard rain cover
- LCD combined display
- Solid tires
- Traction pin
- LED signal light- LED warning light(flashing)
- Back-up alarm
- Automatic steering slow down device
- Automatic Packing
- Drive's tool

Optional

- Cab
- side shifter
- Rotator
- Load stabilizer
- LED Warning lights(rotating/buzzer)
- coloring tires(white/green)
- Rear work light
- Steel fence
- Long forks
- Accessory hydraulic component
- Tilt cylinder protection sleeve
- Customer color
- Battery lifting sling
- Battery side-pull
- Finger tips



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Catalog No.2016-06 HELI Print

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G2 series / INTELLIGENT ENVIRONMENT-FRIENDLY



1.5-2 t

**G2 series Three Wheel
AC Electric Forklift Truck**





G2 1.5-2t G2 series Three Wheel AC Electric Forklift Truck

COMFORTABLE



- ✓ Magnetic brake on driving axle, the truck can automatic parking in slope or flat.
- ✓ Rear handle with horn function contributes to stable sitting pose when travelling backward and driving comfort and safety.
- ✓ Automobile type double combined switch effectively improve driving comfort level.
- ✓ Open the battery hood without operate the handle lever.
- ✓ Sensor operated power steering (option) ,more comfortable.
- ✓ Side battery as option, easy replacement.
- ✓ Finger switch as option, more speedy operation.

IMPROVED DRIVER'S VIEW



- ✓ Newly designed wide-view mast with special chains enlarges operator' s view effectively.
- ✓ Large arc shape of the overhead guard and grid tray with proper angle increase operator' s upward view.

SAFETY

- ✓ Better loading capacity at high position.
- ✓ automatic deceleration on curved road, more intelligent and safe.
- ✓ Standard configuration of warning light and drive OPS system improve whole truck's safety.



WORKING EFFICIENCY

- ✓ Small turning radius makes steering flexible and easy.
- ✓ The truck has fast driving and lifting speed, higher working efficiency.
- ✓ Three speed mode, high performance.
- ✓ Larger battery capacity for longer single shift time.



ENERGY EFFICIENCY

- ✓ With optimized hydraulic system, the truck is more energy-efficient and has lower energy consumption.
- ✓ Save more than 80% lighting energy with LED lights.
- ✓ Motor regenerative braking can recycle more electric energy.

MAINTAINABILITY

- ✓ The cover can be disassembled easily, contributes to quick and convenient maintenance.





G2 1.5-2t G2 series Three Wheel AC Electric Forklift Truck

Manufacturer's Data and Design Characteristics

Characteristics		HELI				
1.01	Manufacture's Name	HELI				
1.02	Model Designation	CPD15	CPD16	CPD18	CPD18	CPD20
1.03	Configuration Number	SQ-GB1/GB2(P)	SQ-GB1/GB2(P)	SQ-GB1/GB2(P)	SQ-GD1/GD2(P)	SQ-GD1/GD2(P)
1.04	Load Capacity	Q (kg)	1500	1600	1750	2000
1.05	Load Center	c (mm)	500	500	500	500
1.06	Power Type	Battery				
1.07	Operator Type	Seated				
1.08	Wheelbase	L1 (mm)	1292	1400	1400	1508
Wheels & Tyres						
2.01	Tyre Type	Pneumatic		SE/Pneumatic	Pneumatic	Pneumatic
2.02	Tyres Number (Front/Rear)	2/2		2/2	2/2	2/2
2.03	Tread(centre of tyre),front	W3 (mm)	910	910	920	920
2.04	Tread(centre of tyre),rear	W2 (mm)	163	163	180	180
2.05	Tyre Size, Front	18 × 7-8		200/50-10	200/50-10	200/50-10
2.06	Tyre Size, Rear	15 × 4.5-8		140/55-9	140/55-9	140/55-9
Dimensions						
3.01	Load Distance	L2 (mm)	365	365	365	365
3.02	Mast Tilt Angle,F/R	a/β (°)	5/7	5/7	5/7	5/7
3.03	Height with Mast Lowered	H1 (mm)	2175	2175	2175	2175
3.04	Free Lift	H3 (mm)	90	90	90	90
3.05	Standard Lift Height	H (mm)	3300	3300	3300	3300
3.06	Height with Mast Extended	H2 (mm)	4039	4039	4039	4039
3.07	Overhead Guard Height	H4 (mm)	2040	2040	2040	2040
3.08	Fork Size T × W × L	L4/W/T(mm)	35 × 100 × 920	35 × 100 × 920	35 × 100 × 920	40 × 122 × 920
3.09	Fork Carriage to DIN 15173 A/B		2A	2A	2A	2A
3.10	Length to fork face	l' (mm)	1842	1950	1950	2058
3.11	Overall Width	W1 (mm)	1060	1060	1120	1120
3.12	Outside Turning Radius	r (mm)	1477	1585	1585	1693
3.13	Ground Clearance at mast ,Loaded	H5 (mm)	85	85	90	90
3.14	Ground Clearance at centre of wheelbase ,Loaded	H6 (mm)	100	100	100	100
3.15	Right Stack Aisle width (Pallet size 1000x1000mm, clearance:200mm)	Ast (mm)	3169	3277	3277	3385
3.16	Right Stack Aisle width (Pallet size 1200x1200mm, clearance:200mm)	Ast (mm)	3389	3497	3497	3605
3.17	Lateral Fork Adjustment (Outside of Forks) Max./Min.	W5 (mm)	960/200	960/200	1030/200	1030/245
Performances						
4.01	Travel Speed,loaded/unloaded	km/h	16/16	16/16	16/16	16/16
4.02	Lifting Speed,loaded/unloaded	m/s	0.38/0.6	0.46/0.6	0.43/0.6	0.40/0.60
4.03	Lowering Speed,loaded/unloaded	m/s	0.50/0.40	0.50/0.40	0.50/0.40	0.50/0.40
4.04	Gradient performance with loaded	%	20	20	20	20
4.05	Max. draw bar pull with load	N	15300	15300	15300	17000
Weight						
5.01	Total Approximate Weight(W/O battery)	kg	3000/2250	3200/2300	3300/2400	3350/2300
5.02	Axle Loading*: Unloaded,Front/Rear	kg	1480/1520	1550/1650	1600/1700	1630/1720
5.03	Axle Loading*: Loaded,Front/Rear	kg	3990/510	4250/550	4400/650	4400/700
Battery						
6.01	Battery Voltage/rated capacity(5h)	V/Ah	48/480	48/600	48/600	48/720
6.02	battery weight	kg	680(660-850)	895(800-1000)	895(800-1000)	1064(900-1200)
6.03	Battery to DIN 43531/35/36/A/B/C		43531A	43531A	43531A	43531A
Motor & Controller						
7.01	Drive Motor – 60 Min. Rating	kW	4.7x2	4.7x2	4.7x2	4.7x2
7.02	Pump Motor – 15 Min. Rating	kW	11	17.6	17.6	17.6
7.03	Drive Motor Control Method		MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC
7.04	Pump Motor Control Method		MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC
7.05	Service Brake/Parking Brake		Electric/Electric	Electric/Electric	Electric/Electric	Electric/Electric
7.06	Relief Pressure	Mpa	17.5	17.5	17.5	17.5

NOTE: Detailed information about battery,please contact our salesmen or engineer. "P" Battery side extraction(side pulling or side loading),side pulling for standard.

