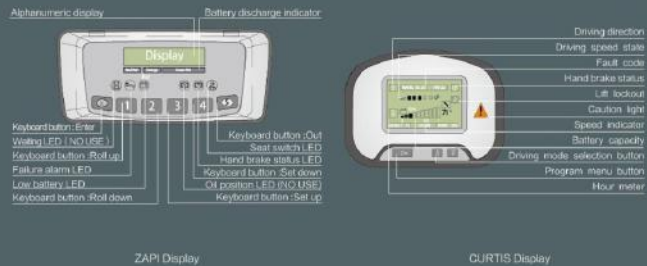


G2 series



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

AUTHORIZED DEALER



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 direction switch effectively improve driving comfort level.
- ✓ 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

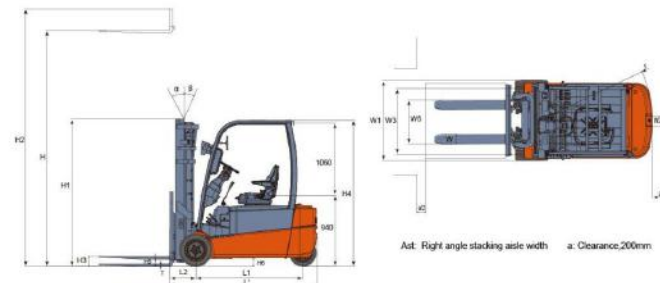


G2 series / INTELLIGENT ENVIRONMENT-FRIENDLY

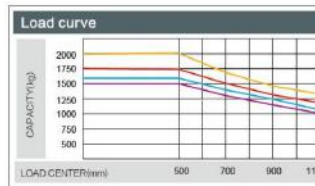
Manufacturer's Data and Design Characteristics

Characteristics		HELI				
Manufacturer's Name		CPD15	CPD16	CPD18	CPD18	CPD20
Model Designation		SQ-GB1/GB2(P)	SQ-GB1/GB2(P)	SQ-GB1/GB2(P)	SQ-GD1/GD2(P)	SQ-GD1/GD2(P)
Configuration Number						
Load Capacity		Q (kg)	1500	1600	1750	2000
Load Center		c (mm)	500	500	500	500
Power Type		Battery	Battery	Battery	Battery	Battery
Operator Type		Seated	Seated	Seated	Seated	Seated
Wheelbase		L1 (mm)	1292	1400	1508	1508
Wheels & Tyres						
Tyre Type		SE	SE	SE	SE	SE
Tyres Number (Front/Rear)		2/2	2/2	2/2	2/2	2/2
Tread(centre of tyre),front		W3 (mm)	910	910	920	920
Tread(centre of tyre),rear		W2 (mm)	163	163	180	180
Tyre Size, Front			18×7-8	18×7-8	200/50-10	200/50-10
Tyre Size, Rear			15×4.5-8	15×4.5-8	140/55-9	140/55-9
Dimensions						
Load Distance		L2 (mm)	365	365	365	365
Mast Tilt Angle,F/R		α/β (°)	5/7	5/7	5/7	5/7
Height with Mast Lowered		H1 (mm)	2175	2175	2175	2175
Free Lift		H3 (mm)	90	90	90	90
Standard Lift Height		H (mm)	3300	3300	3300	3300
Height with Mast Extended		H2 (mm)	4039	4039	4039	4039
Overhead Guard Height		H4 (mm)	2040	2040	2040	2040
Fork Size T x W x L		L4W/T(mm)	35 × 100 × 920	35 × 100 × 920	35 × 100 × 920	40 × 122 × 920
Fork Carriage to DIN 15173 A/B			2A	2A	2A	2A
Length to fork face		f (mm)	1842	1950	2058	2068
Overall Width		W1 (mm)	1060	1060	1120	1120
Outside Turning Radius		r (mm)	1477	1585	1693	1703
Ground Clearance at mast ,Loaded		H5 (mm)	85	85	90	90
Ground Clearance at centre of wheelbase ,Loaded		H6 (mm)	100	100	100	100
Right Back Axle width (Pallet size 1000x1200mm, clearance 200mm)		As1 (mm)	3169	3277	3385	3395
Right Back Axle width (Pallet size 1200x1200mm, clearance 200mm)		As2 (mm)	3389	3497	3605	3615
Lateral Fork Adjustment (Outside of Forks) Max./Min.		WS (mm)	960/200	960/200	1030/200	1030/245
Performances						
Travel Speed,loaded/unloaded		km/h	16/16	16/16	16/16	16/16
Lifting Speed,loaded/unloaded		m/s	0.38/0.6	0.43/0.6	0.43/0.6	0.40/0.60
Lowering Speed,loaded/unloaded		m/s	0.50/0.40	0.50/0.40	0.50/0.40	0.50/0.40
Gradient performance with loaded		%	20	20	20	20
Max. draw bar pull with load		N	15300	15300	17000	17000
Weight						
Total Approximate Weight(W/O battery)		kg	3000/2250	3200/2300	3300/2400	3350/2300
Axle Loading*: Unloaded,Front/Rear		kg	1480/1520	1550/1650	1600/1700	1630/1720
Axle Loading*: Loaded,Front/Rear		kg	3990/510	4400/550	4400/650	4780/670
Battery						
Battery Voltage/rated capacity(5h)		V/Ah	48/440	48/600	48/600	48/720
battery weight		kg	680(660-850)	895(800-1000)	895(800-1000)	1064(900-1200)
Battery to DIN 43531/35/38/A/B/C			43531A	43531A	43531A	43531A
Motor & Controller						
Drive Motor - 60 Min. Rating		kW	4.7x2	4.7x2	4.7x2	4.7x2
Pump Motor - S3 15% Rating		kW	11	11	17.6	17.6
Drive Motor Control Method			MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC
Pump Motor Control Method			MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC
Service Brake/Parking Brake			Electric/Electric	Electric/Electric	Electric/Electric	Electric/Electric
Relief Pressure		Mpa	17.5	21	17.5	17.5

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



Ant. Right angle stacking aisle width a: Clearance,200mm



CPD15 CPD16 CPD18 CPD20

NOTE: The vertical axis stands for load capacity and the horizontal axis stands for load center which is calculated from the front surface of the forks to the gravity of the standard load. The standard load means a cubic with 1000mm edge length. When mast is tilted forward, using non-standard forks or loading large goods, the load capacity will be reduced. The load capacity of standard mast at different load center can be known from this load chart.

BATTERY COMPARTMENT SIZE			
MODEL	COMPARTMENT SIZE	BATTERY SPECIFICATIONS	
	WD × LG × HT	SIZE	STANDARD
CPD15SQ-GB	845X532X080	830X522X627	DIN 43531A
CPD16SQ-GB CPD18SQ-GB	845X640X080	830X630X627	DIN 43531A
CPD18SQ-GD CPD20SQ-GD	845X748X080	830X738X627	DIN 43531A



Renewable energy technologies

With the use of the excellent load-sensing steering system and AC controlling renewable energy technologies, the forklift is more energy-saving and the working hour of the battery is extended by 15%.

↑15%
THE PERFORMANCE OF BATTERY INCREASES

WIDE VIEW MAST														
Mast model	Max. Lift height (mm)	Capacity at 500mm load center					Tilting Angle (°)	service weight(Kg)						
		1.5t	1.8t	1.8t 1.8kg	2.0t	1.5-2t		1.5t	1.8t	1.8t 1.8kg	2.0t	max weight		
M200	2000	1500	1600	1750	1750	2000	1525	5-7	2091	3131	3221	3281	3381	408
M250	2500	1500	1600	1750	1750	2000	1775	5-7	2957	3157	3257	3307	3407	435
M300	3000	1500	1600	1750	1750	2000	2025	5-7	2984	3184	3284	3334	3434	461
M330	3300	1500	1600	1750	1750	2000	2175	5-7	3000	3200	3300	3350	3450	478
M350	3500	1500	1600	1750	1750	2000	2275	5-7	3010	3210	3310	3360	3460	486
M400	4000	1500	1600	1750	1750	2000	2375	3-5	3024	3224	3324	3374	3474	501
M425	4250	1500	1600	1750	1750	1900	2700	3-5	3081	3281	3381	3431	3531	558
M450	4500	1400	1500	1700	1700	1850	2825	3-5	3094	3294	3394	3444	3544	571
M500	5000	1300	1400	1600	1600	1700	3075	3-3	3120	3320	3420	3470	3570	588
M550	5500	1100	1200	1400	1400	1400	3375	3-3	3201	3401	3501	3551	3651	679
M600	6000	800	900	1000	1000	1100	3625	3-3	3230	3430	3530	3580	3680	707

WIDE VIEW FULL FREE 2-STAGE MAST															
Mast model	Max. Lift height (mm)	Capacity at 500mm load center					Tilting Angle (°)	service weight(Kg)							
		1.5t	1.8t	1.8t 1.8kg	2.0t	1.5-2t		1.5t	1.8t	1.8t 1.8kg	2.0t	max weight			
ZM200	2000	1500	1600	1750	1750	2000	1525	4/6	5-7	2962	3162	3262	3312	3412	439
ZM250	2500	1500	1600	1750	1750	2000	1775	4/6	5-7	2990	3190	3290	3340	3440	468
ZM300	3000	1500	1600	1750	1750	2000	2025	4/6	5-7	3019	3219	3319	3369	3469	496
ZM330	3300	1500	1600	1750	1750	2000	2175	11/25	5-7	3036	3236	3336	3386	3486	514
ZM350	3500	1500	1600	1750	1750	2000	2275	12/26	5-7	3047	3247	3347	3397	3497	525
ZM370	3700	1500	1600	1750	1750	2000	2375	13/26	5-7	3062	3262	3362	3412	3512	539
ZM400	4000	1500	1600	1750	1750	1950	2575	15/26	3-5	3109	3309	3409	3459	3559	584

NOTE: 1.5-2T free lift height 394mm increased without backrest.

WIDE VIEW FULL FREE 3-STAGE MAST															
Mast model	Max. Lift height (mm)	Capacity at 500mm load center					Tilting Angle (°)	service weight(Kg)							
		1.5t	1.8t	1.8t 1.8kg	2.0t	1.5-2t		1.5t	1.8t	1.8t 1.8kg	2.0t	max weight			
ZSM350	3500	1500	1600	1750	1750	2000	1790	241	3-5	3133	3333	3433	3483	3583	610
ZSM400	4000	1500	1600	1750	1750	2000	1925	876	3-5	3160	3360	3460	3510	3610	637
ZSM435	4350	1400	1500	1700	1700	1900	2040	591	3-5	3184	3384	3484	3534	3634	661
ZSM450	4500	1400	1500	1700	1700	1850	2090	1041	3-5	3194	3394	3494	3544	3644	671
ZSM470	4700	1350	1450	1650	1650	1750	2160	1111	3-5	3208	3408	3508	3558	3658	685
ZSM480	4800	1350	1450	1650	1650	1750	2190	1141	3-5	3214	3414	3514	3564	3664	691
ZSM500	5000	1300	1300	1600	1600	1700	2280	1241	3-3	3234	3434	3534	3584	3684	711
ZSM540	5400	1050	1150	1250	1250	1400	2425	1376	3-3	3262	3462	3562	3612	3712	739
ZSM600	6000	800	900	1000	1000	1100	2640	1561	3-3	3305	3505	3605	3655	3755	782
ZSM650	6500	700	800	900	900	1000	2830	1781	3-3	3343	3543	3643	3693	3793	820

NOTE: 1.5-2T free lift height 364mm increased without backrest. 1.5-2T free lift height 364mm increased without backrest when assemble with pulley block.