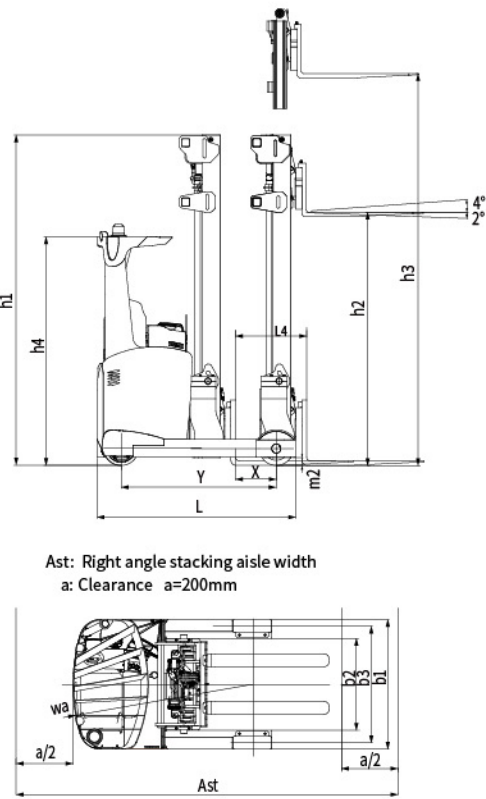


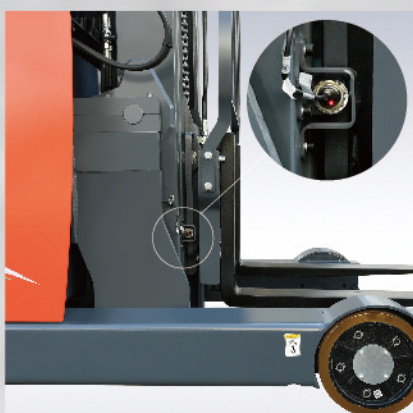
WIDE VIEW FULL FREE 3-STAGE MAST									
Mast model	Max. lifting height (mm)		Load capacity (load center 600mm)(kg)		Mast overall height h1(mm)	Free lifting height (with backrest) (mm)	Service weight(kg)		Fork tilt angle (front/rear) α/β (°)
	CQD16-GB2SLLi	CQD20-GB2SLLi	CQD16-GB2SLLi	CQD20-GB2SLLi			CQD16-GB2SLLi	CQD20-GB2SLLi	
ZSM460	4600	4600	1600	2000	2314	1280	3395	3650	2/4
ZSM480	4800	4800	1600	2000	2381	1340	3410	3670	2/4
ZSM540	5400	5400	1600	2000	2581	1540	3454	3730	2/4
ZSM570	5700	5700	1600	1900	2681	1640	3476	3755	2/4
ZSM630	6300	6300	1500	1900	2881	1840	3521	3815	2/4
ZSM675	6750	6750	1450	1800	2982	1940	3576	3850	2/4
ZSM700	7000	7000	1400	1700	3065	2030	3595	3870	2/4
ZSM715	7150	7150	1400	1700	3115	2080	3606	3885	2/4
ZSM750	7500	7500	1300	1700	3232	2190	3633	3920	2/4
ZSM800	8000	8000	1200	1600	3398	2360	3669	3970	2/4
ZSM850	8500	8500	1100	1400	3564	2530	3706	4015	2/4
ZSM900	9000	9000	900	1100	3730	2690	3742	4065	2/4
ZSM950	9500	9500	800	1000	3898	2860	3780	4110	2/4

WIDE VIEW MAST					
Mast model	Lifting height h3(mm)	Load capacity (load center 600mm)(kg)	Mast overall height h1(mm)	Service weight(kg)	Fork tilt angle (front/rear) α/β (°)
	CQD16-GB2SLLi				
M290	2900	1600	2200	3235	2/4
M320	3200	1600	2350	3250	2/4
M360	3600	1600	2550	3280	2/4
M380	3800	1600	2650	3295	2/4
M400	4000	1600	2750	3310	2/4
M420	4200	1600	2850	3325	2/4
M440	4400	1600	2950	3335	2/4
M460	4600	1600	3050	3390	2/4
M500	5000	1500	3250	3420	2/4



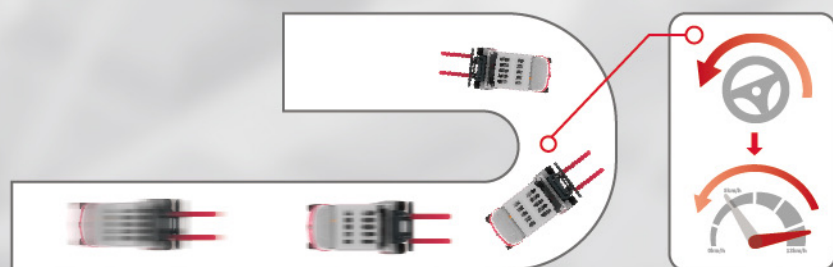


# G2 1.6-2.0 t



## Intelligent security protection

- Intelligent stabilization system : it can automatically adjust the mast and the truck speed according to the lifting height and load state . Improve the high bearing capacity and vehicle stacking safety ;
- Intelligent speed limit in different application : multi-scenario identification and intelligent speed limit balance efficiency and safety ;
- Intelligent limit buffering : intelligent induction of mast lifting and lowering avoids extreme impact and is safe and comfortable ;
- Intelligent operation protection : a full set of OPS system can avoid misoperation and ensure safety ;
- Intelligent control strategy : dual core controller is in line with the latest EU safety requirements ;
- Intelligent steering deceleration : the automatic deceleration function of the turning can reduce the risk of turning over ;



Automatic deceleration for turning

## New designed hydraulic system

- New designed hydraulic system with high working efficiency
- High power lifting motor
- MOSFET lifting speed governing electric controller
- New type low noisy gear pump

## High performance guarantee high efficiency

- Lifting speed is increased by 10% and thus more goods can be lifted under the same conditions
- The truck has fast driving and lifting speed, higher working efficiency
- ZAPI Dual CPU controller conforming to the latest EU standard is equipped;
- The newly designed high-performance 80V voltage level motor has strong power;
- The latest ZAPI instrument can be equipped with height preset function. One key to reach the set height improves operation efficiency
- Small turning radius makes steering flexible and easy



Driving speed **14km/h**



Maximum gradeability with load **10%**



Maximum lifting speed with load **0.4m/s**



Maximum lifting speed without load **0.6m/s**

## Advanced EPS electric powered steering

- EPS electric powered steering offering easy , flexible , high efficient and mute operation
- Steering motor controller
- Automatic centering function
- Real-time shifting between 180° steering mode and 360° steering mode
- Automatic limit on speed and accelerated speed when steering

## Easy operated thumb switch

- To control hydraulic functions
- Clear operating units
- Proportional solenoid offering a stable and comfort lowering action

## Professional trucks special for low temperature cold storage operation

- The whole truck is specially designed for low-temperature cold storage, which is waterproof, low-temperature resistant and corrosion-resistant;

## Special new parts for cold storage

- Special lithium battery for cold storage, which is waterproof, low temperature resistant and has electric heating function;
- Special motor and electric control for cold storage, which is waterproof and low temperature resistant;
- Special drive wheel for cold storage, which is anti-skid and corrosion resistant;

## Corrosion and rust prevention

- The whole truck adopts anti-corrosion and anti rust spraying coating process.
- Important parts are fastened with stainless steel bolts.
- The piston rods of the front and rear lifting cylinders are treated with double-layer chromium plating.
- The surface of the chain is treated by Dacromet process.

## Special oils for cold storage

- The roller adopts special low-temperature lubricating grease.
- The transmission system adopts low-temperature transmission oil.
- The hydraulic system adopts low-freezing hydraulic oil.

## Environment Friendly

- Zero emission
- Low noise
- Free of heavy metals
- No corrosion
- No acid mist volatilization

## Maintenance Free

- Unnecessary of fluid adding and dust proofing
- Daily maintenance free
- Manual maintenance free

## Long Service Life

- Over 75% capacity reserved after 4000 shifts operation
- Longer service life than lead-acid battery in equal working condition
- 5 years or ten thousand hours quality guarantee for high performance lithium battery

## High Efficiency and Energy Saving

- 1-2 hours charging meet 6-8 hours working demand
- High-energy density , self discharging rate lower than 1% per month
- 95% energy conversion rate , superior charging and discharging performance
- Flexible to charge , easy to operate , no impact on battery life
- Unnecessary to change battery , cost saving

## High Safety

- According to the characteristics of industrial vehicles , it achieves safety protection design which includes lithium battery materials , battery core type , pack technique and system power management
- "Multiple node safety closed circuit protection" realizing truck real time closed circuit protection in variable conditions "Lock affirming" function during charging avoiding "hot connecting and disconnecting" operation effectively "Whole system emergency button" to disconnect the truck control system and bms power quickly ensuring truck safety

Lithium battery forklift  
**VS**  
Lead-acid battery forklift

The advantages of Heli lithium battery forklift truck are reflected prominently in the use cost in the life cycle. Due to the characteristics of maintenance free and high power conversion rate, the overall operation cost of lithium battery forklift truck is more economical. Compared with the lead-acid battery model, it has the characteristics of fast charging and charging taking advantages of every opportunity, which is more suitable for multi shift operation application.