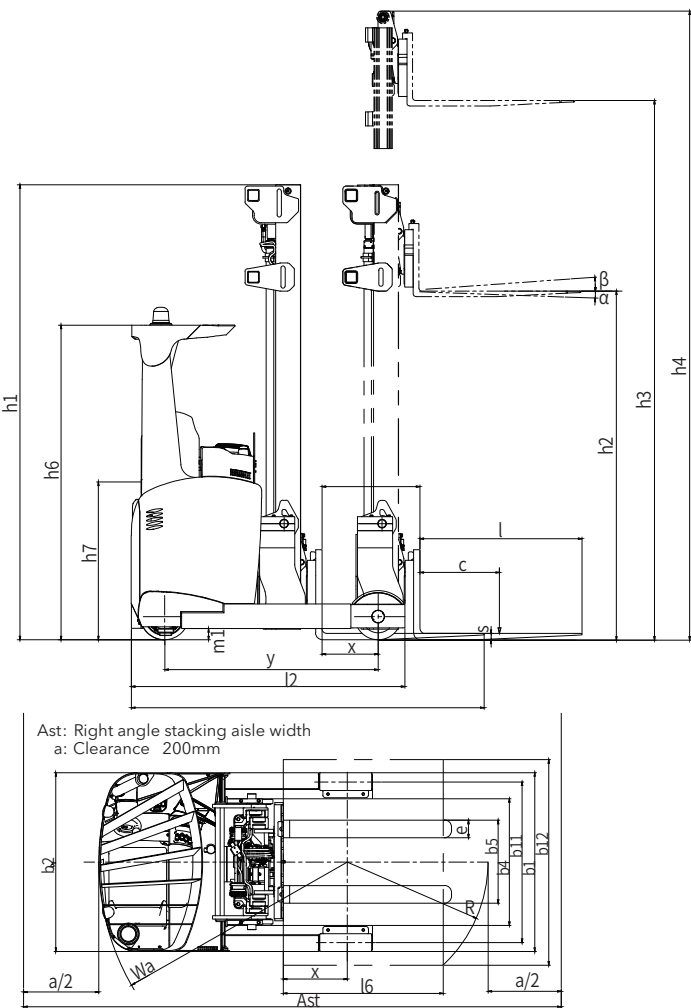


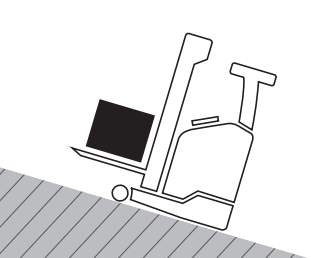
1.6t WIDE VIEW FULL FREE 3-STAGE MAST						
Mast model	Max.lifting height (mm)	Load capacity (lode center 600mm)(kg)	Height (mast lowered)(mm)	Free lift (with backrest) (mm)	Service weight (kg)	Forktilt angle α/β (°)
		CQD16-GB2SHDLI	CQD16-GB2SHDLI	CQD16-GB2SHDLI	CQD16-GB2SHDLI	
ZSM630	6300	1600	2881	1840	3825	2°/4°
ZSM675	6750	1600	2982	1940	3855	2°/4°
ZSM700	7000	1600	3065	2030	3880	2°/4°
ZSM750	7500	1500	3232	2190	3930	2°/4°
ZSM800	8000	1450	3398	2360	3975	2°/4°
ZSM850	8500	1400	3564	2530	4025	2°/4°
ZSM900	9000	1300	3801	2778	4235	2°/4°
ZSM950	9500	1200	3967	2944	4320	2°/4°
ZSM1000	10000	1100	4134	3111	4375	2°/4°
ZSM1050	10500	1000	4301	3278	4435	2°/4°
ZSM1080	10800	950	4401	3378	4470	2°/4°
ZSM1100	11000	900	4467	3444	4490	2°/4°

2t WIDE VIEW FULL FREE 3-STAGE MAST						
Mast model	Max.lifting height (mm)	Load capacity (lode center 600mm)(kg)	Height (mast lowered)(mm)	Free lift (with backrest) (mm)	Service weight (kg)	Forktilt angle α/β (°)
		CQD20-GB2SHDLI	CQD20-GB2SHDLI	CQD20-GB2SHDLI	CQD20-GB2SHDLI	
ZSM850	8500	2000	3634	2611	4695	2°/4°
ZSM900	9000	1900	3801	2778	4745	2°/4°
ZSM950	9500	1800	3967	2944	4795	2°/4°
ZSM1000	10000	1650	4134	3111	4845	2°/4°
ZSM1050	10500	1450	4301	3278	4895	2°/4°
ZSM1080	10800	1350	4401	3378	4925	2°/4°
ZSM1100	11000	1250	4467	3444	4950	2°/4°
ZSM1150	11500	1150	4634	3611	5000	2°/4°
ZSM1200	12000	1000	4801	3778	5050	2°/4°
ZSM1250	12500	800	4967	3944	5100	2°/4°

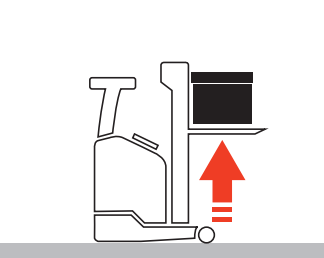




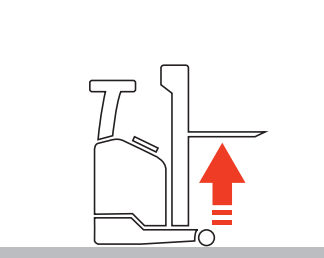
Driving speed **13km/h**



Maximum gradeability with load **10%**



Maximum lifting speed with load **0.35m/s**



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

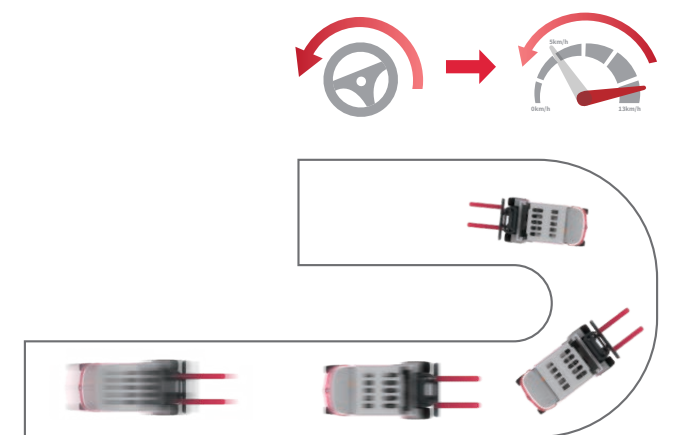
Full vehicle advantage

High performance guarantee high efficiency

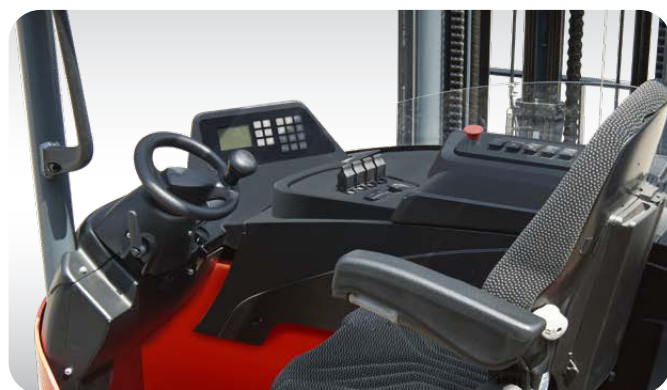
- Lifting speed is increased by 10% and thus more goods can be lifted under the same conditions;
- The truck has fast driving and lifting speed, higher working efficiency;
- ZAPI Dual CPU controller conforming to the latest EU standard is equipped;
- The latest ZAPI instrument can be equipped with height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

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 ;



Cornering brake reduction



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.

Newly designed hydraulic system

- Newly designed hydraulic system with high working efficiency
- High power lifting motor
- MOSFET lifting speed governing electric controller
- New type low noisy gear pump
- Max. lifting speed without load 15% increased
- Max. lifting speed with load 25% increased

Easy operated thumb switch

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

Ergonomic optimization

- The new design of overhead guard provides a better view.
- Standard handrails make ingress and egress more convenient.
- Larger space for getting on and legs.



Environment Friendly

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

High Efficiency and Energy Saving

- 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.

Maintenance Free

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

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.

Long Service Life

- Longerservice life than lead-acid battery in equal working condition.
- 5 years or ten thousand hours quality guarantee for high performance lithium battery assembly.

Suitable for working in both high and low environment

- Lithium battery is better than lead-acid battery when working between -25°C and 55°C.

Operating Cost Comparison:

Lithium battery forklift
vs.
Lead-acid battery forklift

Lithium battery forklift VS. Lead-acid battery forklift
The advantages of HELI lithium battery forklift trucks are more prominent in the cycle cost.
Lithium battery forklift truck has the advantages of no noise, no pollution, small vibration and simple operation
Compared with the lead-acid battery forklift truck, lithium battery forklift has the characteristics of fast charging and charging at any time, which is more suitable for multi shift operation.
Besides, HELI lithium battery forklift is maintenance free, high power conversion efficiency, and economical overall operation cost