FEATURES OF THE COMPLETED TRUCK

AC electric narrow aisle reach reach truck

Maximum Reliability

CQD25A reach truck is equipped with model AC motors and electrical system and wiring protected to IP45 meaning dust-proof and spray-proof

Safety and Ergonomics

Hydraulic functions and the electrical controls ergonomically arranged for easy access and intuitive operation.

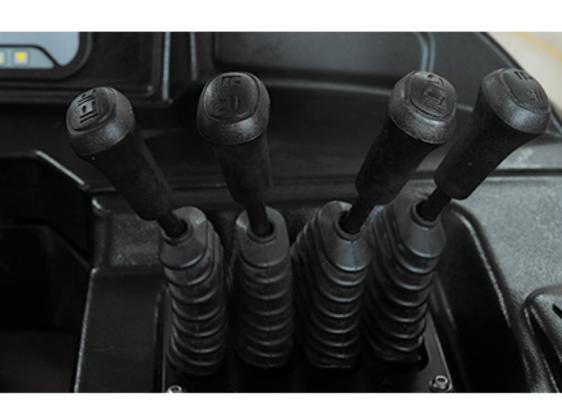
Braking System

3 independent braking systems, Electric brake with energy recovery. Hydraulic brake acts on the two load wheels.

Emergency model when the red safety button is pressed.

State-of-the-art Electronic System

The CQD25A uses a high frequency electronic system for traction



Wear-Free Support Arm Brakes

- Increased safety in standard configuration.
- Two maintenance-free support arm brakes assist al braking operations.
- No service required unlike drum brakes.



Upright Cushioning

- Smooth load transport.
- Smooth lifting and lowering thanks to integrated
- hydraulic damping system.
- Smooth transitions between upright stages.
- No loud bumps when lowering. Increased component durability.



High Capacities at High Lift Heights

Upright rails with I-section designhave 55% greater

torsional rigidity than conventional flat rails.

Result: Improved durability and stability – even

Less distortion even with lateral forces.

Robust construction and stability.

Nested I-sectioned mast.

with high lift heights

BATTERY & CHARGER

material with sturdy construction and high wear resistance that ensure better grip with the surface.

material with sturdy construction and high wear resistance that ensure better grip with the surface.



6000K Led Light LED

CQD25A is equipped with 6000K led lights to cope with the dark environment foroptimal visibility.



SINOLIFI

Optimum Visibility

to the operator's line of vision.

Overhead guard & visibility through the upright.

Optimum visibility through the upright thanks to

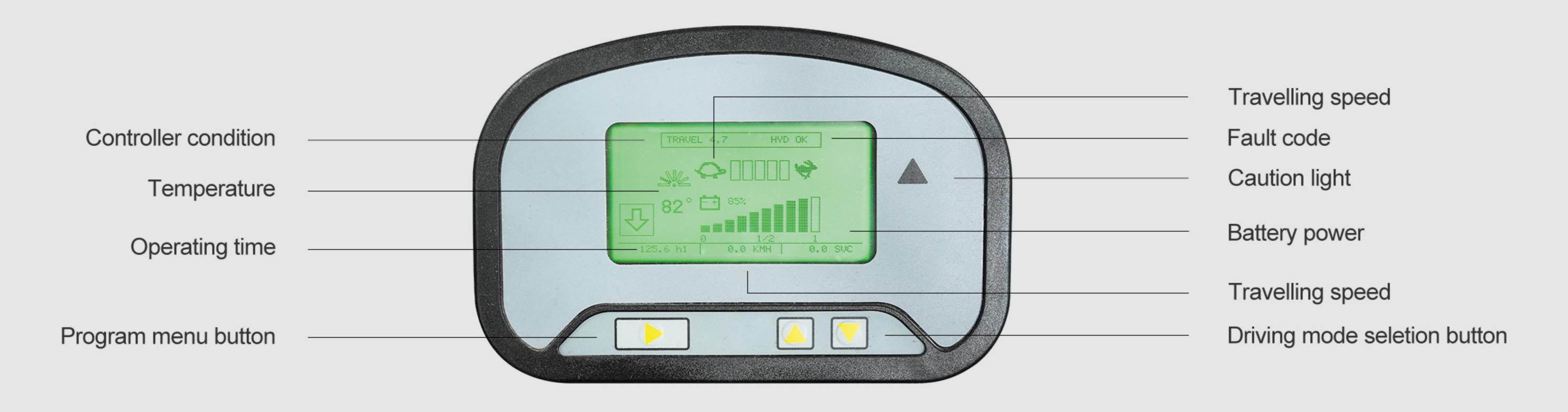
wide-spaced rails and centre cylinder rotated to side.

The overhead guard safety bars run parallel

when the pedal is released, traveling is stopped, and only hydraulic operation is enabled.

Easy Read Operator Display

Travel direction display of important operating information.180°/360° steering mode. Battery discharge display with residual running time Three adjustable travel programs to suit every requirement operating hours and time lifting height (optional)





Now available with Li-ION technology

Compared to lead-acid battery forklift, SINOLIFT lithium iron-phosphate battery forklift produce zero emission or pollution during charging that need no special charging room. In order to ensure the safety and stability of the battery, there are a series of extreme tests including overcharge, over discharge, short circuit, oven, crush and burning to name a few. Strong scientific capability and rigorous testing processes comprehensively guarantee the safety and excellent performance of SINOLIFT lithium iron-phosphate battery.



Ergonomically Designed Operator Compartment

Our ergonomically designed and spacious operator compartment combined with a variety of operational enhancements will facilitate ease of operation and help boost output in any application. An anti-slip soft rubber floor mat, large accelerator and brake pedals, ample foot and leg room, convenient side deck mount hydraulic levers, and our open view instrument panel all work together to provide operating ease and assure a productive work cycle.







Fork weighing system

USB power supply for mobile charge

Cold store modification and cabin

Load weight scale

Blue light

- of imported steel channels
- Energy regenerating during deceleration Battery side roll-out
- Buffering on lifting limit Soft landing system

PE LLD material oil tank

Imported lower noise gear pump

- Real-time shifting between 360°steering mode
- and 180°steering mode Electric Power Steering (EPS) system

Load wheel adopts electromagnetic proportional

- LED headlamp Alarm lamp
- 4 modes power selection

Standard Equipment

AC steering motor

braking technology

CURTIS control system

AC pump motor

Three-phase AC asynchronous motor r

Electric Parking Brake (EPB) system

- 4.5M full free triplex mast SAUER-DANFOSS 4 spools control valve
- Automatic limit on speed and accelerated speed when steering Lift top buffering (Triplex mast)

Load backrest

- Mast move forward/backward buffering Automatic speed reduction when the mast lifting
- high position (Triplex mast)

Optional Equipment

- 5.0~9.5M full free triplex mast is made
- Camera system
- Height level selection/ Fork height display OPS system
- Panoramic glazed overhead guard Big capacity battery according DIN STD
- lithium-iron-phosphate battery External side shifter
- Various length forks Drive in rack overhead guard
- GRAMMER MSG531 seat Energy saving regenerative lowering
 - Finger-tip control Mast buffering system



CQD25A M SERIES SEATED ELECTRIC REACH TRUCK **ISO9001**



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SAFETY

Performance and safety go together. The SINOLIFT M series CQD25A reach truck offer a high level of both. Three independently working braking systems and electric power steering provide a high level of working precision.

PERFORMANCE

The active drive concept employing advanced digital control technology translates the abundant power of the trucks AC motors into maximum productivity. A comprehensive selection of batteries enables each truck to be matched exactly to the needs of its specific application.

COMFORT

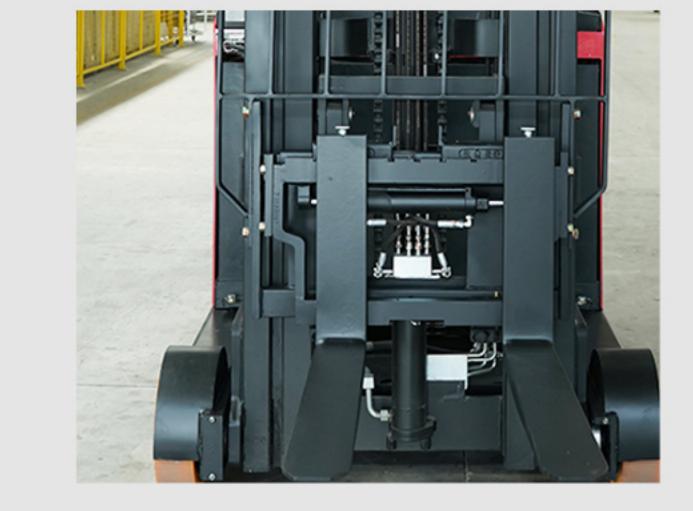
A harmony of operator and truck has been achieved through the ergonomic design concept. Spacious cab, comfort-class seat with lumbar support, neat layout of controls and instruments. The operator compartment is tailored for maximum performance.

RELIABILITY

This reach truck is an easy match for heavy sustained duty. Its compact robot-welded chassis is designed for maximum strength and durability. Low center of gravity, high stability and high residual capacity are achieved by making the base of the frame from cast steel.

PRODUCTIVITY

Efficiency at work, efficiency in servicing. Maintenance intervals as long as 1,000 hours and a computercontrolled diagnostic system cut costs and provide for optimum up-time. All SINOLIFT digital control parameters can be configured to precisely fit the requirements of the user's application. Together with the low centre of gravity, stability during movement is enhanced.



EXCELLENT STABILITY

center of mass distribution make the forklift have excellent stability.



180 °/ 360 ° STEERING



GOOD VISION

beautiful, and the vision is good.



The high-precision forward sliding rail and

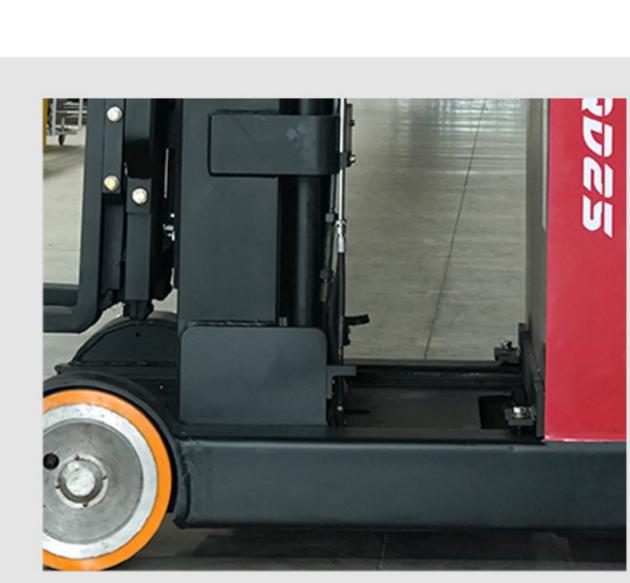


ERGONOMICALLY DESIGNED

onomically designed joystick, can control the



Multi-function color LCD instrument can display low, medium and high third gear can be set



MASTS FORWARD MORE

excellent clearance compensation design make the forward movement of the masts more stable.



truck travel forward or backward easily.



LCD INSTRUMENT

information suc h as steering wheel position, battery power, power alarm, fault code, running time, driving speed etc. The driving speeds of through the meter.





SINOLIFT Manufacturer Brand CQD25A Model **Electric** Power Type Type of Operation Seated Electric Power Steering Steering Mode Load Capacity/Rated Load 2500 Load Center Distance mm Load Distance. Center of Drive Axle to Fork 160 mm Wheelbase 3800 Total Weight (with Battery) Axle Load (Laden): Drive side/Load-bearing Side Axle Load (Unladen):Drive side/Load-bearing Side Overlength (Mast Retracted) Frame Length (Without Fork) 2040 mm Overall Width mm Height of Overhead Guard mm Lift Height mm Height with Mast Lowered mm Height with Mast Extended Free Lift Height 1070/122/40 Fork Dimension mm Type of Fork Carriage A, B Class Fork Spread Width Fork Carriage Width mm Fork Tilt (Forward/Backward) Distance of Straddle Leg mm Reach Distance Height of Straddle Leg mm Ground Clearance at The Center of Wheelbase (Min) mm Turning Radius Aisle Width for Pallets 1000 x 1200 Aisle Width for Pallets 800 x 1200 Polyurethane Ø350X100 Tyre Size (Front) Ø180X55 Tyre Size (Auxiliary Wheel) Ø343X140 Tyre Size (Driving Wheel) Wheels Quantity, front/rear (x=Diving Wheels) Traveling Speed (Laden/Unladen) Llfting Speed (Laden/Unladen) Lowering Speed(Laden/Unladen) Max. Gradient Performance S2 5min (Laden/Unladen) Service BrakeType Hydraulic Electromagnetic Parking Brake Type Drive Motor Rating (AC) S2-60min Lift Motor Rating (AC) S3-15% 48/600 Battery Voltage/Capacity K5 V/Ah Battery Weight **CURTIS** Controller Brand 2-1234SE+1222 Controller Model Sound Level Driver's Ear According to EN 12053 Side Roll Out

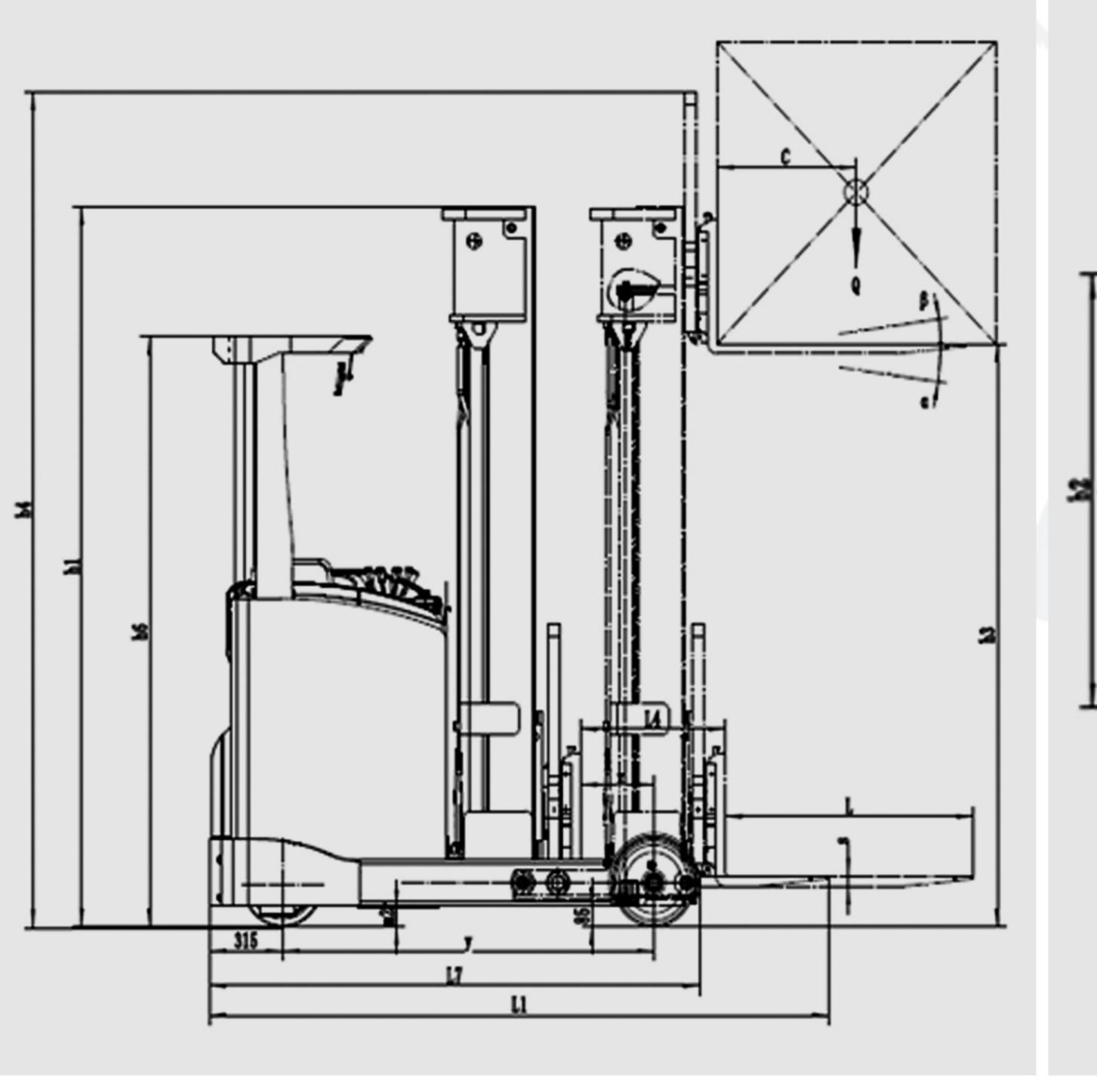
RENEWABLE ENERGY TECHNOLOGIES

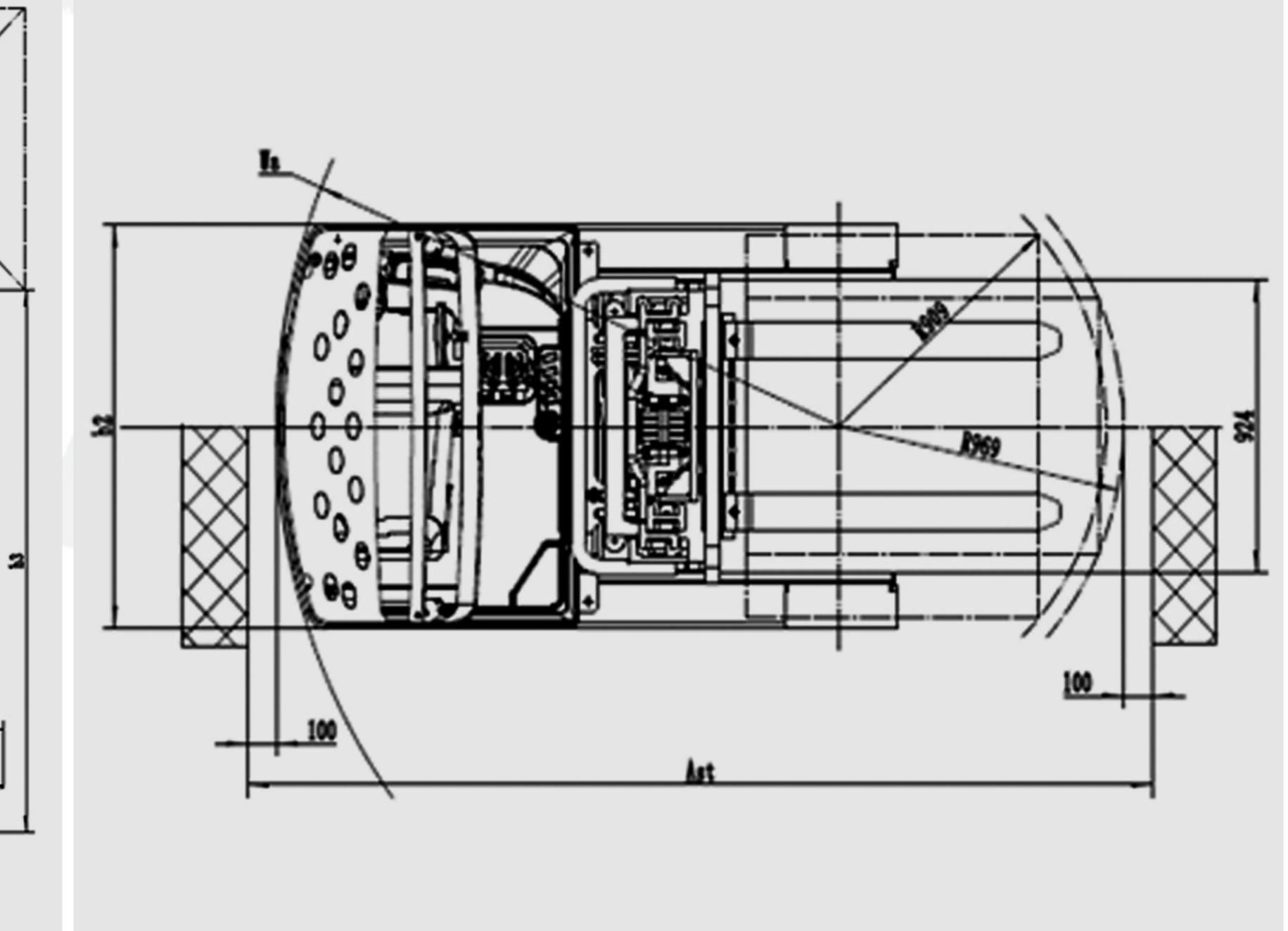
With the use of the excellent load-sensing steering system and AC controlling renewable energy technologies, the forklift is more energy-saving and the working hour of the battery is extended by 15%.



CQD25A Mast Specifications

Designation	Mast Model	Lift height	Height with Mast Lowered	Height with Mast Extended	Free Lift Height	Load capacity
		h3	h1	h4	h5	Q
		mm	mm	mm	mm	kg
Triplex Full Free Mast	3FFM450	4500	2094	5526	1580	2500
	3FFM480	4800	2194	5826	1650	2500
	3FFM500	5000	2261	6030	1750	2500
	3FFM550	5500	2476	6530	1920	2500
	3FFM600	6000	2641	7030	2090	2300
	3FFM650	6500	2856	7530	2260	2000
	3FFM700	7000	3021	8030	2430	1600
	3FFM720	7200	3189	8230	2492	1500
	3FFM750	7500	3286	8530	2600	1300
	3FFM800	8000	3451	9030	2770	1000
	3FFM850	8500	3553	9620	2946	900
	3FFM900	9000	3720	10122	3114	700
	3FFM950	9500	3886	10620	3280	500





COMFORTABLE DRIVING AND EASY OPERATION



LOW-NOISE

Travel motor controllers, hydraulic pump motor controllers and steering motor controllers of international well-knowr brands are selfprotected, maintenance-free.



DRIVING SPACE The spacious driving space and ergonomic layout reflect

the humanized design of the vehicle.

SHOCK-ABSORBING SEAT Shock-absorbing seat, adjustable backrest, and seat belt