Excellent Operator Convenience

Wide operating space and dashboard enable more comfortable and productive working environment.

Various Convenience Devices

Cup holder, Power jack (12V), USB port (5V), Clip board.

Entry Grab Bar

Handle on both sides enhance the stability when getting on/off.

Dual Battery Connector

Operator can connect the charger directly without disconnecting the side battery connector.

Ergonomic Control Levers and Armrest

With the ergonomically designed control levers and armrest, operator can control in a comfortable posture



Electric Emergency Switch

Vehicle can be restricted quickly by the electric emergency switch.



Versatile Armrest

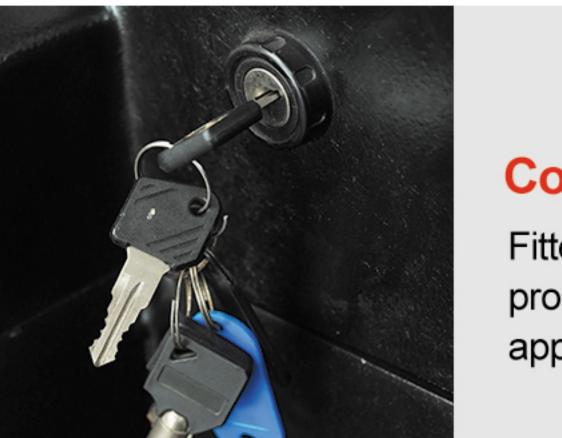
It can be used both armrest and grab bar. · Elbow pad during mast control.

· Grab bar during driving.



A newly designed steering control coupled with our new Electric Power Steering control gives the operator exceptionally smooth and controlled steering in tight space.

Newly Designed Steer Control



Cold Storage Key Switch

Fitted as standard, the key switch is water and vibration proof which makes it suitable to operate in cold storage applications.



Control drive and hydraulic functions utilises integrated motor and drive motor are brushless making them virtually maintenance free.



Strong Overhead Guard

The safe overhead guard meets EEC and ANSI regulations and protects the operator during hazardous



Spacious Operator Compartment

The wider entrance and compartment space provides a comfortable and safe work environment.



Safe Pedal and Non Slip Floor Mat

Safe pedal: when the pedal is released, traveling is stopped, and only hydraulic operation is enabled. a heavy, vibration dampening, non-slip floor mat reduces operator fatigue and allows for increased productivity

Information When It's Needed

The vacuum fluorescent display (VFD) is located at the front of the operator's compartment to allow quick access to important information. It offers better visibility under direct sunlight and bright conditions when compared to LCD displays. Data on traveling speed, battery discharge status, current time and key-on hours are displayed in real time.





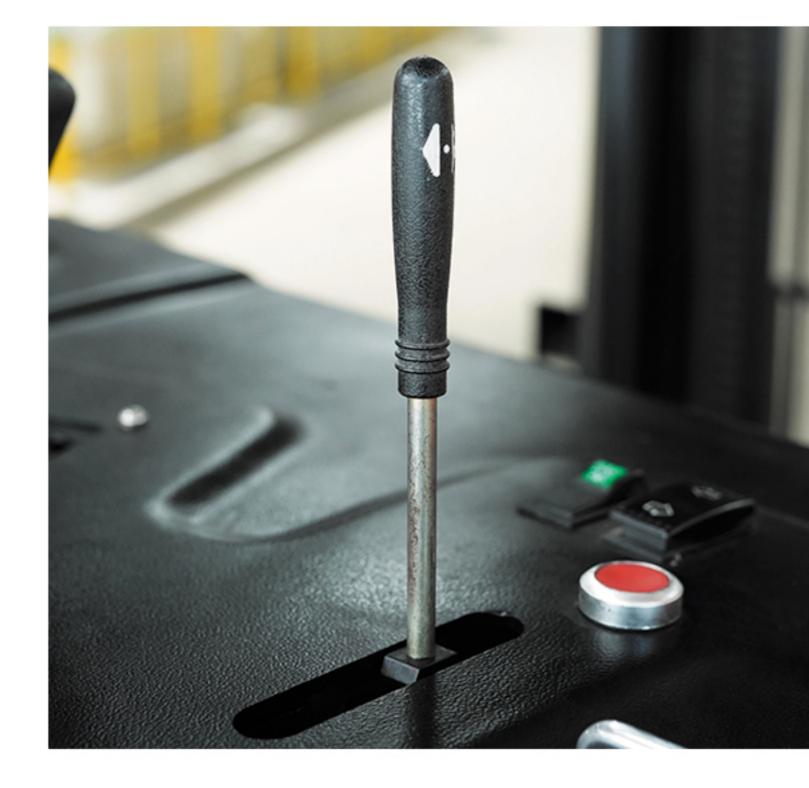
Now available with Li-ION technology

Compared to lead-acid battery forklift, SINOLIFT lithium ironphosphate 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.



Horizontal fork

Particularly at high lift heights, the forks' tilt position is often very hard to detect. The automatic horizontal positioning significantly simplifies and accelerates pallet entry. (Only for fingertip system)



Versatile Reach Stroke

Multi-roller reach assembly provides a smooth, controlled and safe load handling system, Extended reach allows unsurpassed versatility.

- Warning lights, blue lights
- Quadruple and quintuplet
- Mechanical brakes
- Polyurethane Wheel (Drive/Castor/Load)
- Tool Kit AC Control System

Standard Equipment

Shimadzu triple valves

Auto Suspension

Headlights (LED) + turn signals (LED)

AC driving (6.5kw) + AC lifting (12kw)

EPS (Electric Power Steering) system

- AC Inverter Control for Traction and Hydraulics
- Mast and Travel Interlock Regenerative Functions

- Self Diagnostic System
- Soft landing Suspension control system
- Speed control at corner
- Regenerative braking (reverse, neutral, brake)
- Acid Battery standard: 48V/350Ah for CQD15B, 48V/400Ah for CQD20B
- Battery Box
- Battery Discharge Indicator
 - Battery Side Loading Type (Battery Stand Included) USB charge port

- **Optional Equipment**

Lithium iron-phosphate battery

- Anti-rollback system
- Fork camera
- Altimeter Password lock
- Mirror Fire extinguisher
 - Lift top buffering Height level selection
 - Lowering lock valve

- External side shifter Mast, load back-rest and fork
- Rotating Beacon Lamp Back-Up Alarm
 - Dust Resistant Specification
 - Rust Resistant Specification Cold Storage Specification
 - AOS Preset Lifting Height Memory
 - Laser Beam to Guide Fork Positioning Four-way valve



CQD15B CQD20B M SERIES STAND-ON ELECTRIC REACH TRUCK **ISO9001**



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Website: www.sinolift.com www.sinolifttruck.com

Skype: sinolift

Whatsapp & Mobile: 0086 138 1757 2420



Trend Setting Design and Great AC Powered Productivity





lights to cope with the dark environment for



Front Wheel Brake

Anti-Skid Control

The front wheel brakes come to assist if the drive tyres slip. This control prevents the tyres from being locked and provides maximum



Easy Battery Pull-In & Out

The reach operation can be used to pull the battery out of it's compartment. In addition, the side draw function is also available as an option.

ANTI-ROLLBACK & DESCENT CONTROL

The anti-rollback mechanism, prevents the forklift from rolling back when it starts from a stop on an upslope.

SURROUND COCKPIT

A round shaped operator space which wraps flexibly around the operator has been adopted while maintaining the easy-tooperate lever type layout.

VISOR-INTEGRATED DISPLAY

A visor has been added to the top of the display to prevent reflected glare and improve vsibility.

Diagnostics Improve Reliability

The M series stand-on reach trucks integrate many easy-to-maintain features in the truck design. The on-board intelligent system is capable of running self-diagnosis at key-on and any malfunctions are rapidly identified, located and rectified within minutes. Vital components such as the controller, batteries and motors can be quickly accessed with simple tools, thereby effectively reducing servicing and maintenance time.

More Comfort Means Greater Productivity

The M series CQD15B CQD20B reach truck's cabin compartment is ergonomically designed to fit the operator so as to maintain the optimal driving posture. There is a large waist pad adjustable according to the height of the operator. Large knee pads are also installed as standard items. The pads provide cushioning, increase comfort level and reduce impact-stress injury. Also, a large brake pedal facilitates usage and enhances comfort and safety.

Top of The Class Stability

The low centre of gravity increases the stability of the reach truck, minimising capacity degradation when lifting to higher racks. The tendency to rollover during turning is countered by an intelligent suspension system.

Together with the low centre of gravity, stability during movement is enhanced.

Advanced Drive and Lift Performance with Proven Durability and Low Maintenance

The enclosed drive and pump motor with AC technology combine power, high maintenance intervals and excellent durability. The brushless AC motors offer high operator efficiency and very low maintenance cost.

Added Operator Protection

A floating floor plate with floor switch cuts off hydraulic and transmission power if the operator leaves his operating position. This advanced mast and travel interlock system helps protect the operator and load by initiating a series of protective actions:

- The drive function is temporarily disengaged
- Power temporarily disconnects from the hydraulic lift functions

Improved Accessibility

Various electric parts including the controller are installed behind an easy access panel. Especially integrated grease fitting prolongs equipment life, and assist operator daily-checks

SINOLIFT Manufacturer Brand CQD20B Model CQD15B Power Type Electric Electric Type of Operation Stand-on Stand-on Steering Mode Electric Power Steering Electric Power Steering Load Capacity/Rated Load Q kg 1500 2000 500 Load Center Distance c mm Load Distance. Center of Drive Axle to Fork 160 160 x mm Wheelbase mm 2700 2900 Total Weight (With Battery) kg Axle Load (Laden):Drive Side/Load-bearing Side kg Axle Load (Unladen):Drive side/Load-bearing Side kg Overlength (Mast Reached/Mast Retracted) mm Frame Length (Without Fork) mm W1 mm Overall Width Height of Overhead Guard 2260 h7 mm 3000 Lift Height h1 mm Height with Mast Lowered 2100 h2 mm Height with Mast Extended 3900 3900 h4 mm Free Lift Height h5 mm 1070/122/40 1070/100/35 I/e/s mm Fork Dimension Type of Fork Carriage A, B Class 225-820 250-820 Fork Spread Width b2 mm Fork Carriage Width 868 868 mm Fork Tilt (Forward/Backward) a/B 920 Distance of Straddle Leg b3 mm 465 610 Reach Distance L3 mm 310 310 Height of Straddle Leg h6 mm Ground Clearance at The Center of Wheelbase (Min) m1 mm 1675 Turning Radius Wa mm Aisle Width for Pallets 1000 x 1200 Aisle Width for Pallets 800 x 1200 Ast mm Polyurethane Tyre Type Polyurethane Tyre Size (Front) Ø267X114 mm Ø180X55 Ø180X55 Tyre Size (Auxiliary Wheel) mm Ø343X135 Tyre Size (Driving Wheel) Ø343X135 mm Wheels Quantity, front/rear (x=Diving Wheels) 2/1x+22/1x+2Traveling Speed (laden/unladen) 10/12 Km/h 270/375 270/375 Llfting Speed (laden/unladen) mm/s 300/270 310/260 Lowering Speed(aden/unladen) mm/s Max. Gradient Performance S2 5min (Laden/Unladen) Service BrakeType Electromagnetic Electromagnetic Parking Brake Type Electromagnetic Electromagnetic Drive Motor Rating (AC) S2-60min kW Lift Motor Rating (AC)S3-15% kw 48/350 48/400 Battery Voltage/Capacity K5 V/Ah **Battery Weight** kg **CURTIS CURTIS** Controller Brand 2-1234SE+1222 Controller Model 2-1234SE+1222 Sound Level Driver's Ear According to EN 12053 dB Side Roll Out Side Roll Out Battery Change

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%.

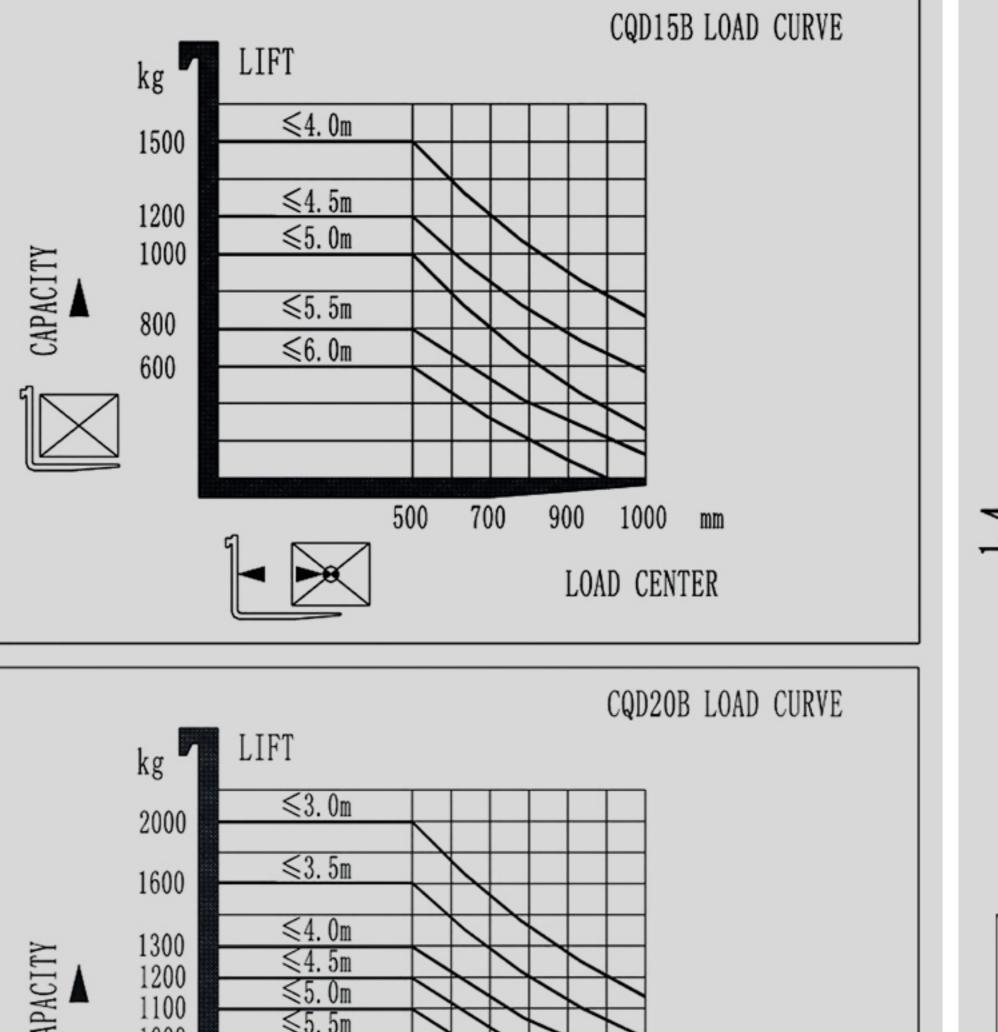


CQD15B Mast Specifications

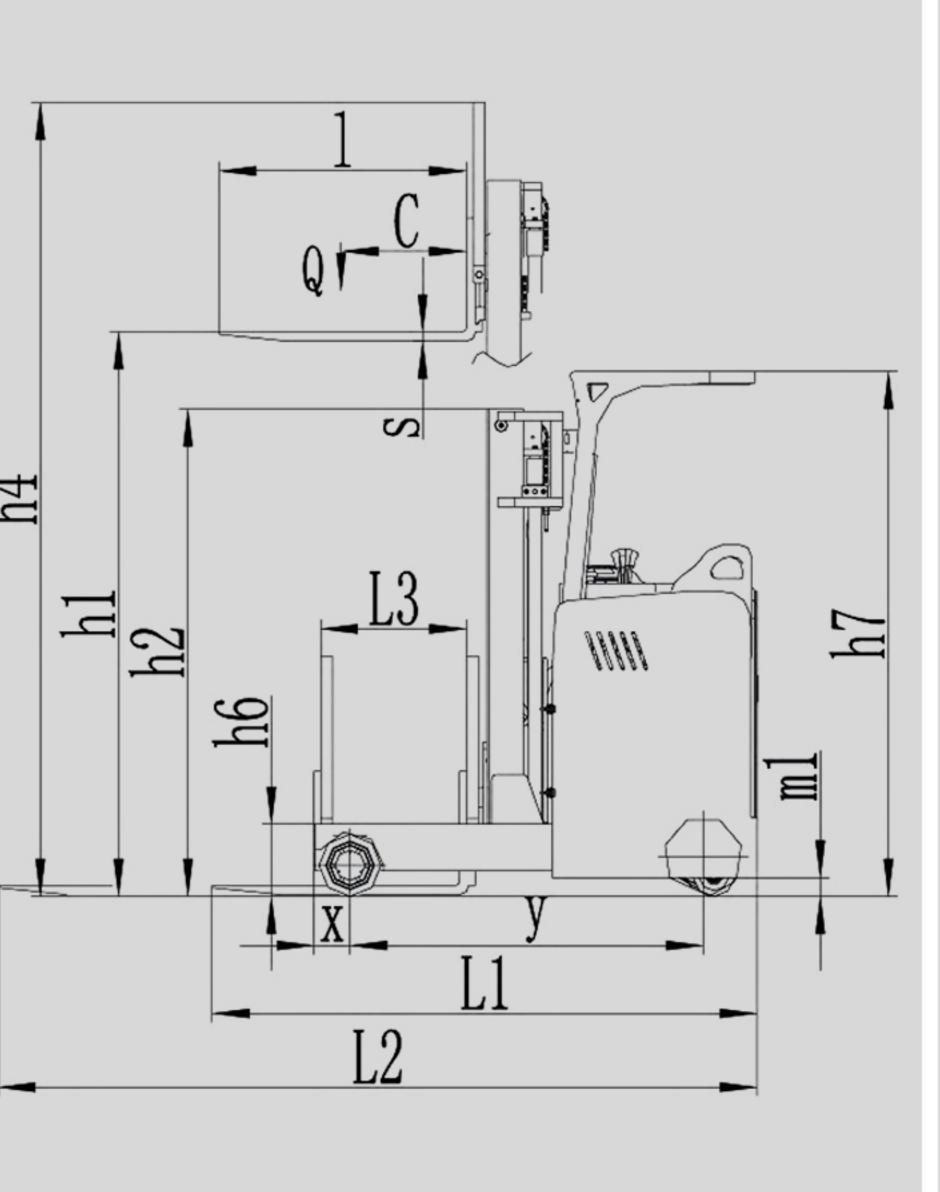
	Lift height	Height with Mast Lowered	Height with Mast Extended	Free Lift Height	Load capacity
Designation	h1	h2	h4	h5	Q
	mm	mm	mm	mm	kg
Single Mast	1600	2100	2500	1600	1500
Duplex Wide View Mast	2500	1850	3400	/	1500
	3000	2100	3900	/	1500
	3500	2350	4400	/	1500
	4000	2600	4900	/	1500
Triplex Full Free Mast	3500	1820	4400	1170	1500
	4000	1985	4900	1350	1500
	4500	2150	5400	1530	1200
	5000	2300	5900	1710	1000
	5500	2470	6400	1860	800
	6000	2640	6900	2030	600

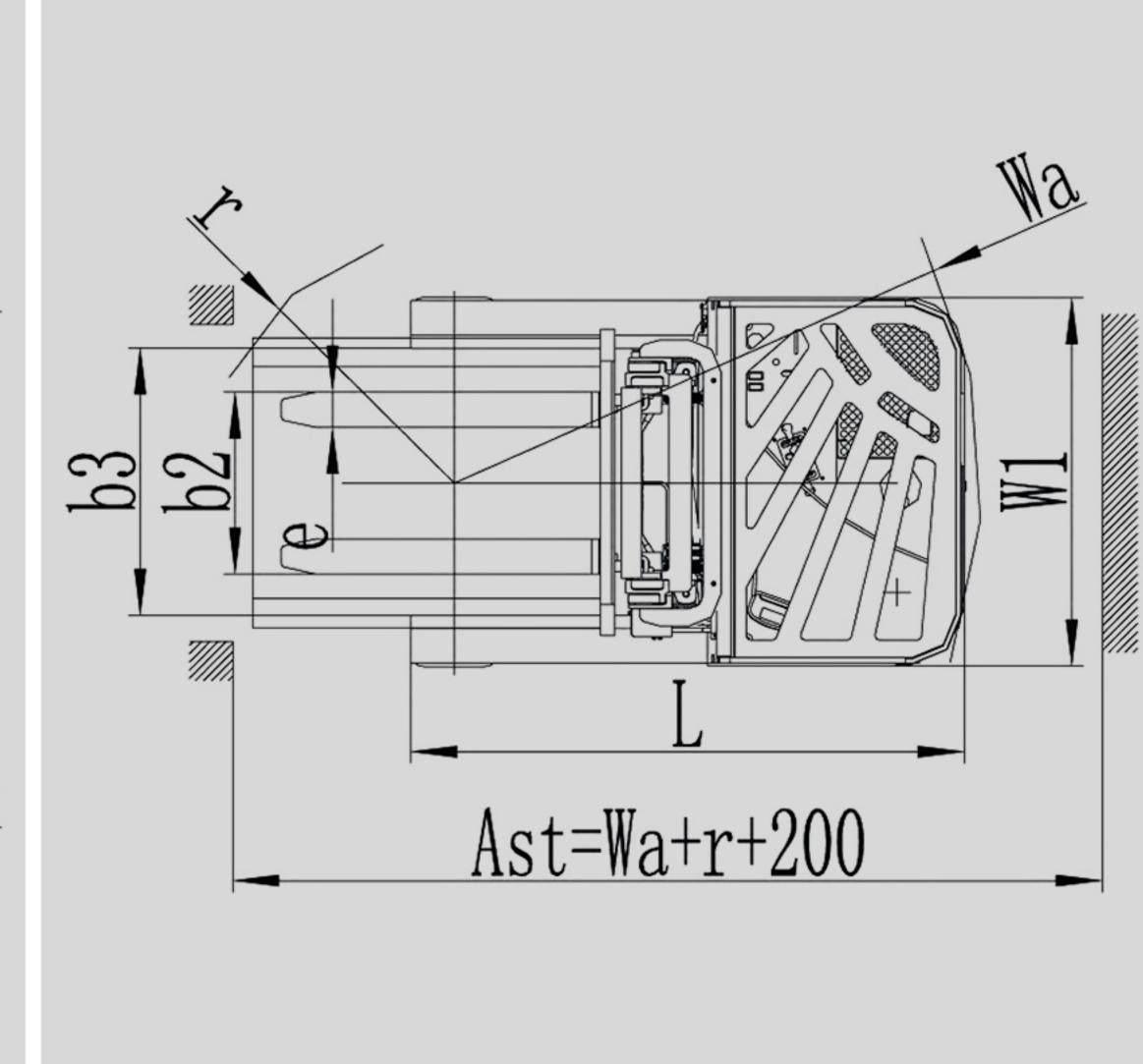
CQD20B Mast Specifications

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	5000	2300	5900	1710	1100
	5500	2470	6400	1860	1000
	6000	2640	6900	2030	9600
	6500	2820	7400	2190	700
	7000	3000	7900	2520	600

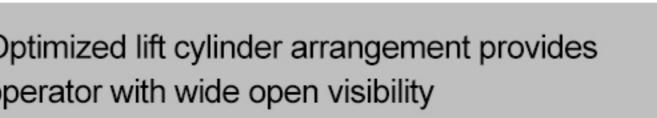


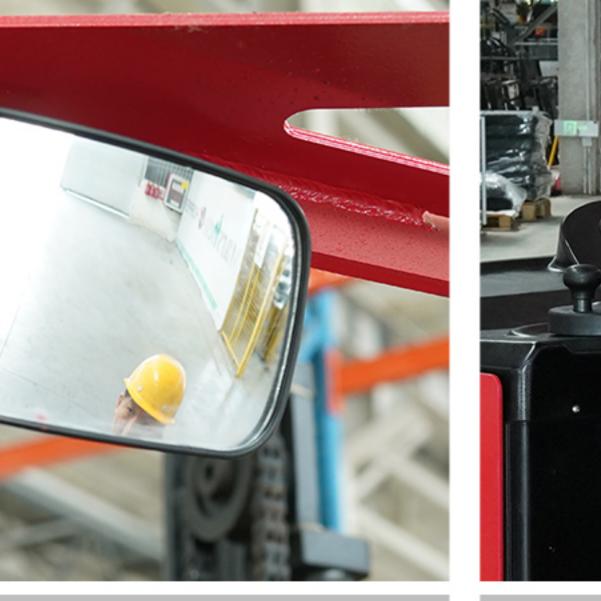
LOAD CENTER











a clear view of the rear working area, improving safety & efficiency.



npartment combined with a variety of operatio enhancements.



asy access to operator compartment with lower step design and the soft floor cushion reduces vibration and shock against operator.

