



*Ready to Perform
To Your Applications*

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PRESENTED BY :

Note: Performance specifications may vary depending on standard manufacturing tolerances, vehicle condition, types of tyres, floor or surface conditions, applications or operating environment. Trucks may be shown with non-standard options. Specific performance requirements and locally available configurations should be discussed with your Mitsubishi forklift truck dealers. Mitsubishi Forklift Trucks follows a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.



STAND-ON REACH TRUCK

RBS-CB1 Series 1.0 – 3.0 TON

EXTRAORDINARY PERFORMANCE

Pushing the Boundaries of Efficiency and Versatility

The Mitsubishi RBS-CB1 Series of stand on reach trucks is pushing the boundaries of efficiency and versatility in the robust and rapidly-evolving warehouse and logistics environment. This innovative truck promises refined performance through outstanding features like superb hydraulics, regenerative braking system, multi-mode settings and on-board diagnostics — wholly customized to meet the demanding needs of the shop floor.

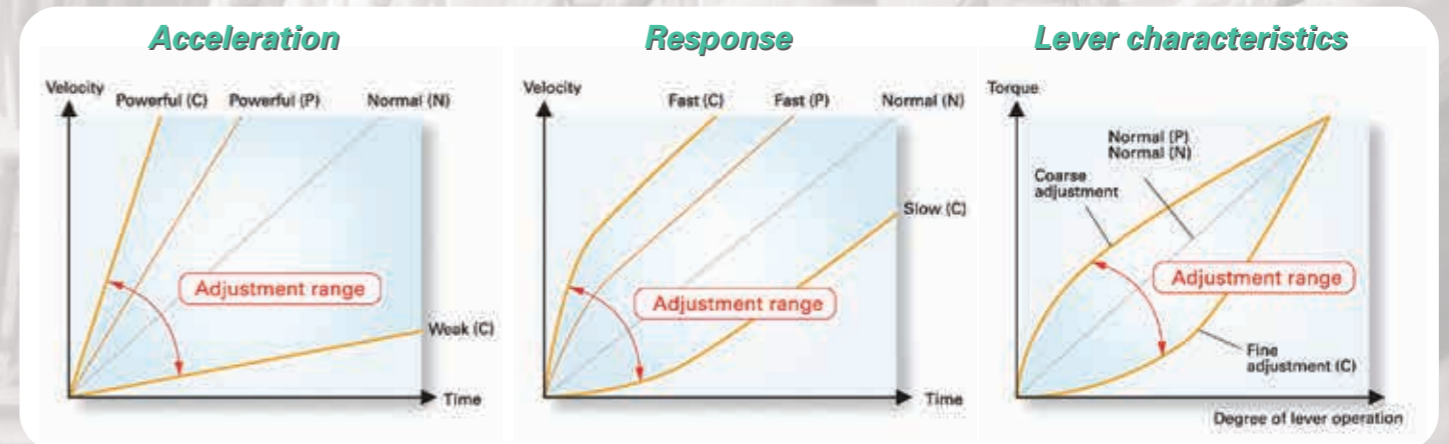


Advanced AC Technology

Mitsubishi's highly-advanced AC technology powers all its trucks that are renowned for optimal control and exceptional performance. A multifunctional centralized control system features intelligent integration of sensitive hydraulic functions, multiple driving modes, and precise power management.

Customizing Operation Characteristics

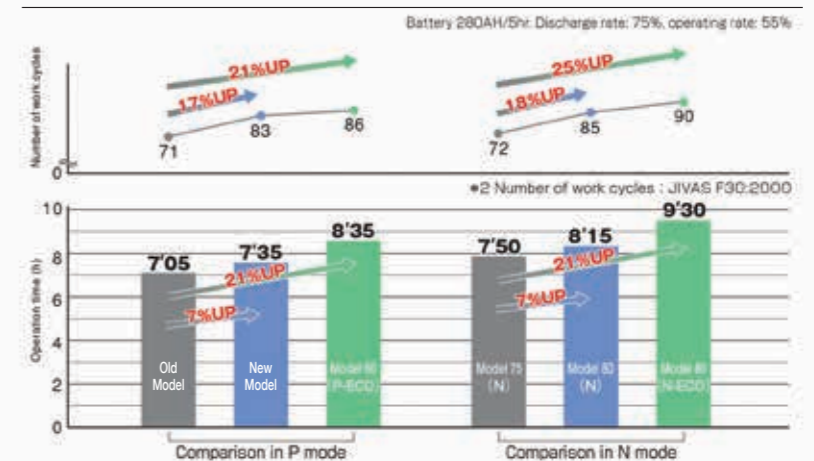
Attuned to the user's spectrum of needs, the RBS-CB1 truck is sensitized to various ground conditions, including a full range of loads, speeds and modes. Its operation feeling feature is equipped for customizing acceleration, lever characteristics and response as the situation dictates. Through its unique password-protected administrative screen, the user can swiftly adjust the coordinates and manage truck performance with ease and in comfort.



INCREASED ENERGY EFFICIENCY

Energy reduction by 15% is achieved seamlessly through enhanced engineering and improved hydraulic piping. An Eco mode switch retains the conditions of the PNC mode that reduces power consumption (speed and acceleration), and extends operation time.

Operation time and number of work cycles*2 of RBS15CB1



SUPERIOR ADVANTAGES

✓ Improved Stability



A newly-designed control linkage has remarkably improved the truck's overall superiority and stability, enlarging the swing angle while moving on rough ground.

A re-positioned swing lock cylinder better absorbs the movement of the control linkage, which enhances horizontal stability and the anti-slip function, and steadies the truck to lift multiple loads and make tight turns effortlessly.

Additionally, an intelligent suspension system strengthens stability on the move.

STABILITY LOCK FUNCTION

The location of the swing lock cylinder is changed to absorb the movement of the control linkage effectively.

- Left load wheel has constant contact with the ground even when turning
- Improvement of horizontal stability
- Improvement of anti-slip function
- Improvement of stability when lifting a load



✓ Improved Mast Rigidity

Critical to stability and safety, improved mast rigidity ensures superior performance with no disruption. Mast swing is reduced through an enhanced outer mast and side plate, further ensuring stability and efficiency. An improved reach cylinder with a smaller diameter also strengthens the shock-absorbing structure and achieves energy conservation.

Reinforcement of outer mast to reduce mast swing

- The same mast channel as RBS20CB1 is used for the RBS15-18CB1
- **Simplex, Duplex mast:**
 - RBS15CB1 Lifting height: 4,700 mm or more
 - RBS18CB1 Lifting height: 4,000 mm or more
- **Triplex mast:** RBS15CB1 All height
- A beam is added to the outer mast for Triplex

Improvement of reach cylinder

- Shock absorbing structure
- Smaller diameter: Contributing to energy conservation

Reinforcement of mast side plate to reduce mast swing

- Improvement of mast looseness: Strict adjustment of shims for mast rollers.

SUPREME SAFETY

Supreme safety was a top priority when designing the RBS-CB1 trucks. Refined ergonomics aside, the truck also boasts unique safety and security features, including anti-slip control, travel hydraulic interlock, emergency stop switch, and simple passcode entry system.

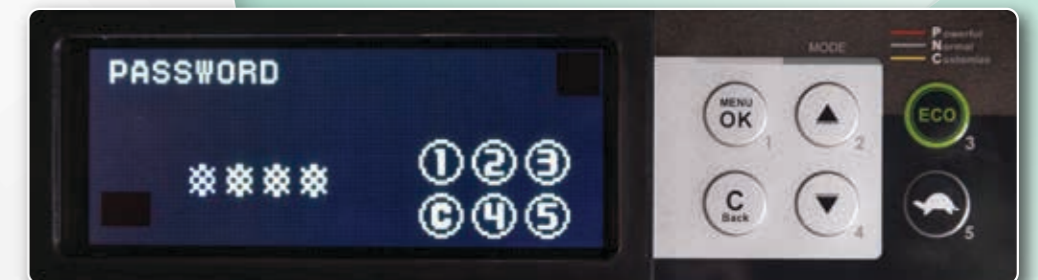
EMERGENCY STOP SWITCH

In the RBS-CB1 Series, this stop switch interrupts the electric power source rather than disconnecting from the battery plug. Such a direct power cut-off mode enhances safety more effectively in an emergency situation.



SIMPLE PASSCODE ENTRY SYSTEM

A simple passcode entry system protects the truck against its unauthorized operation, underscoring an important security design. This indispensable feature aids effective and easy security and safety management.



4 patterns of password settings are available

TRAVEL HYDRAULIC INTERLOCK

The operating interlock system meets strict safety measures, including ISO3691, and ensures riding comfort and efficient hydraulic operations. It automatically disables operations when the user is either out of the compartment, or in a wrong or unsafe position. The independent presence switch pedal prompts the user to take a safer posture during hydraulic operations. The alarm sounds if the situation is not right, while the travelling operation stops via its regenerative brakes before the hydraulic system halts.



ANTI-SLIP CONTROL

The anti-slip system calculates drive wheel slippage by detecting load wheel rotation and drivewheel rotation speeds through sensors. It then reduces the torque precisely in line with various speed calibrations to suppress slippage, ensuring the utmost safety.



SOLID PRODUCTIVITY

The RBS-CB1 truck boasts a solid productivity record delivered through its primary attributes of awareness, control and comfort.

AWARENESS

Transmissive LCD monitors accentuate clarity and visibility even when exposed to bright sunlight outdoors. The display with enlarged text effectively highlights the onscreen information. The displays are easy to comprehend, so monitoring is effortless.



Negative display (Normal)



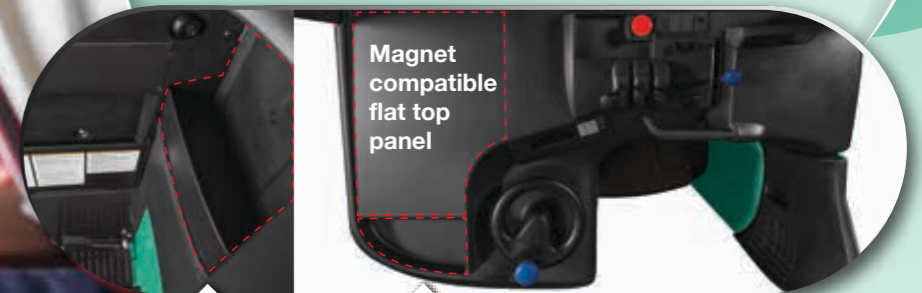
Positive display (Inverted)

SELECTABLE



COMFORT

The RBS-CB1 Series is the industry standard bearer for user comfort. User conveniences include a glove compartment and a flat, magnetic document table for ease of placement and retrieval. Not offered by other brands is a compartment for storing stationery. A review of the linkage structure has led to a lower floor height without enlarging the caster wheels—ideal for the user's ease of entry and exit.



Large glove compartment

For storage of pens and small articles

CONTROL

Upgraded control elements, such as an industry-certified hand grip, contribute to overall ease of entry or exit comfort. A large, adjustable cushioned waist pad reduces user impact-stress injury and fatigue through ergonomic posturing, and also improves holding effect. The inclined steering wheel, set at an optimum angle, ensures further ease of operation.



Inclined steering wheel
The steering is set in the optimum angle for ease of operation

Hand grip
(conforming to ISO3691)
Supports ease of ingress or egress

Waist pad
A large soft cushion pad reduces operator's fatigue, and improves holding effect

