*When **reliability***
*is **everything...***

## Mitsubishi Multi-Way Reach Trucks : designed to move and store your goods in all directions, efficiently and safely.

Mitsubishi RBM20K and RBM25K Multi-Way Reach Trucks are ideally suited for intensive industrial applications. They are particularly productive when required to operate in very narrow aisles or other confined areas.

In addition, they are designed for maximum simplicity of service and routine maintenance. The complete cab swings open allowing unlimited and uncluttered access to all main components and systems.

These models possess a totally programmable controller featuring state-of-the-art electronics. The controller can be programmed to a variety of operating conditions while ensuring low energy consumption and long work shifts.

When you need uncompromised reliability and total directional flexibility, you will find the answer in Mitsubishi's RBM20K and RBM25K Multi-Way Reach Trucks.

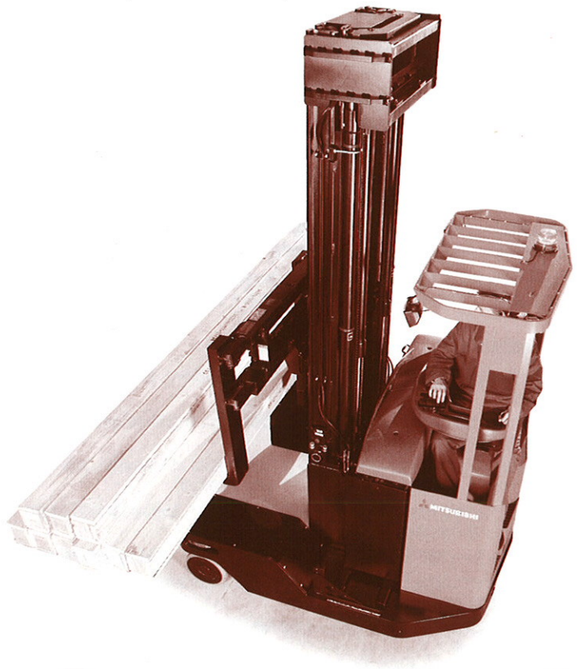
### Mast Performance and Capacity

| | RBM20K • RBM25K | | | | |
|---|---|---|---|---|---|
| Mast Type | h3+h13 mm | h1 mm | h4 mm | h2+h13 mm | Carriage tilt F/B (°) |
| Triplex with free lift | 5400 | 2495 | 6200 | 1800 | 2/6 |
| | 5700 | 2595 | 6500 | 1900 | 2/6 |
| | 5900 | 2662 | 6700 | 1967 | 2/6 |
| | 6300 | 2795 | 7100 | 2100 | 2/6 |
| | 7000 | 3028 | 7800 | 2333 | 2/6 |
| | 7500 | 3195 | 8300 | 2500 | 2/6 |
| | 8000 | 3362 | 8800 | 2667 | 2/6 |
| | 8500 | 3528 | 9300 | 2833 | 2/6 |
| | 9000 | 3695 | 9800 | 3000 | 2/6 |

h1 = overall lowered height
h4 = overall extended height
h2 + h13 = free lift

| RBM20K / RBM25K • Integrated fork spreader with tilt | | | | | | | |
|---|---|---|---|---|---|---|---|
| Chassis width (mm) | Battery current (Ah) | Battery weight (kg) | Ast*(Ast3*) 4.33 (mm) | Ast*(Ast3*) 4.34 (mm) | l4 4.28 (mm) | l2 4.20 (mm) | x 1.8 (mm) |
| 1700 | 800 | 1100 | 2885 (2650) | 2940 (2850) | 620 | 1440 | 350 |
| 1700 | 960 | 1300 | 2925 (2705) | 2990 (2906) | 565 | 1495 | 295 |

* Ast = Wa + R + 200 (Ast3 = Wa - X + l6 + 200)



## With Mitsubishi, the choice is easy...

At **Mitsubishi Forklift Trucks**, we have a code of conduct based on quality and reliability. It's guiding philosophy is to achieve 100% performance and 0% downtime. Our trucks are built to a higher specification to ensure utter reliability, whatever the application.

Whether in research, engineering, manufacturing, distribution or regional support, we have established standards which guarantee that when you have to depend on a warehouse truck, you can depend on Mitsubishi.

At **Mitsubishi Forklift Trucks** product reliability and customer satisfaction are not just vague concepts. They are a permanent state-of-mind.


MITSUBISHI FORKLIFT TRUCKS
**MITSUBISHI CATERPILLAR FORKLIFT ASIA PTE LTD.**
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Singapore 638818, Republic of Singapore
TEL: (65) 6862 5290
FAX: (65) 6861 9277



SMIT0048 (9/02)



NOTE: Performance specifications may vary depending on standard manufacturing tolerances, vehicle condition, type 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 Lift Trucks Distributor. Mitsubishi follows a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.



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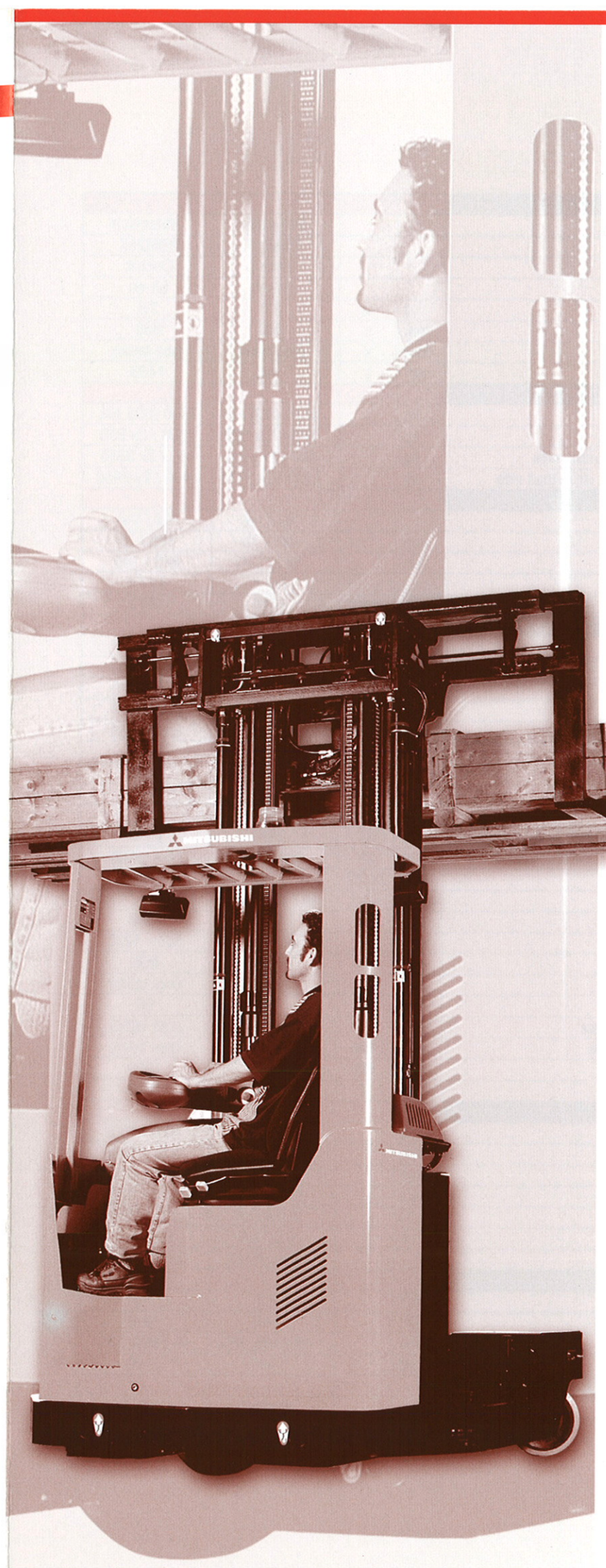
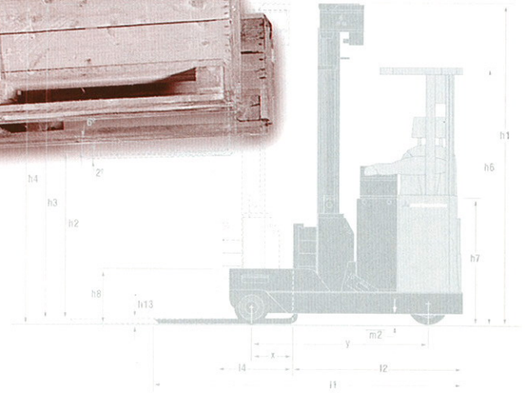
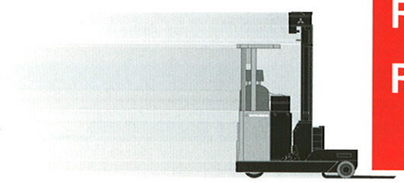


MITSUBISHI FORKLIFT TRUCKS

# Multi-Way Reach Trucks 2.0 - 2.5t

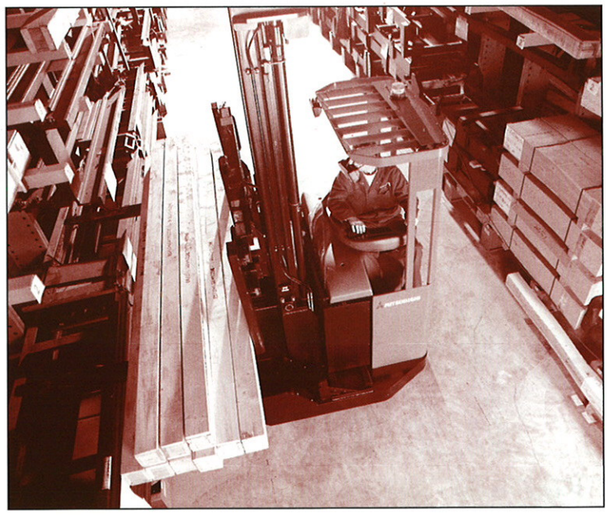




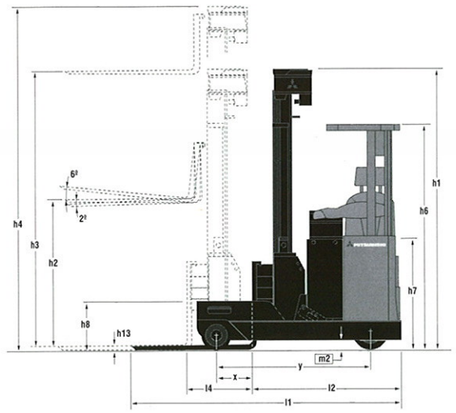
**RBM20K**
**RBM25K**

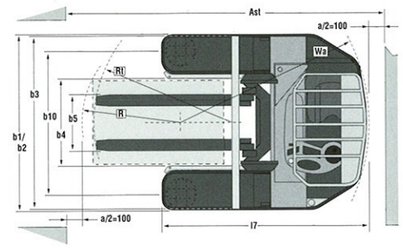
MITSUBISHI FORKLIFT TRUCKS

| | Characteristics | | | | |
|---|---|---|---|---|---|
| 1.1 | Manufacturer | | | Mitsubishi | Mitsubishi |
| 1.2 | Model | | | RBM20K | RBM25K |
| 1.3 | Power source (Electric, Diesel, Petrol, Gas) | | | Electric | Electric |
| 1.4 | Operating mode (pedestrian, stand-on, sit-on) | | | Sit-on | Sit-on |
| 1.5 | Nominal capacity / load | t | Q | 2.0 | 2.5 |
| 1.6 | Load centre | mm | c | 600 | 600 |
| 1.8 | Load wheel axle to fork face (forks lowered) | mm | x | (see table) | (see table) |
| 1.9 | Wheelbase (forks lowered) | mm | y | 1485 | 1485 |
| | **Weights** | | | | |
| 2.1 | Truck weight (with nominal load & battery) | kg | | 6550 (800 Ah) | 7300 (800 Ah) |
| 2.3 | Axle loadings (without load & with battery), drive/load side | kg | | 2700 / 2x 925 | 2900 / 2x 950 |
| 2.4 | Axle loadings (with nominal load & battery) mast out, drive/load side | kg | | 850 / 2x 2850 | 600 / 2x 3350 |
| 2.5 | Axle loadings (with nominal load & battery) mast retracted, drive/load side | kg | | 2200 / 2x 2175 | 2400 / 2x 2450 |
| | **Wheels & Tyres** | | | | |
| 3.1 | Tyres (R- rubber / Vul- vulkollan), drive/load side | | | Vul / Vul | Vul / Vul |
| 3.2 | Load wheel dimensions (diameter x width) | mm | | 285 / 75 | 285 / 75 |
| 3.3 | Drive wheel dimensions (diameter x width) | mm | | 343 / 140 | 343 / 140 |
| 3.5 | No. of wheels (x = driven), drive/load side | | | 1x / 4 | 1x / 4 |
| 3.6 | Track width (centre of tyres), load side | mm | b10 | 1410 | 1410 |
| | **Dimensions** | | | | |
| 4.1 | Mast or fork tilting, forwards/backwards | ° | | 2 / 6 | 2 / 6 |
| 4.2 | Lowered mast height (see tables) | mm | h1 | (see table) | (see table) |
| 4.3 | Free lift (see tables) | mm | h2 | (see table) | (see table) |
| 4.4 | Lift (see tables) | mm | h3 | (see table) | (see table) |
| 4.5 | Raised mast height | mm | h4 | (see table) | (see table) |
| 4.7 | Height to top of overhead guard | mm | h6 | 2185 | 2185 |
| 4.8 | Seat (compressed) or platform height | mm | h7 | 1055 | 1055 |
| 4.10 | Max height of load wheel legs | mm | h8 | 485 | 485 |
| 4.15 | Fork height, fully lowered | mm | h13 | 50 | 50 |
| 4.19 | Overall length | mm | l1 | 2590 | 2590 |
| 4.20 | Powerhead length (to fork face) | mm | l2 | (see table) | (see table) |
| 4.21 | Chassis (overall width) | mm | b1/b2 | 1700 | 1700 |
| 4.22 | Fork dimensions (thickness / width / length) | mm | s/e/l | 50 / 120 / 1150 | 50 / 120 / 1150 |
| 4.24 | Width of fork carriage | mm | b3 | 1680 | 1680 |
| 4.25 | Outside width over forks (minimum/maximum) | mm | b5 | 560 - 1970 | 560 - 1970 |
| 4.26 | Inner width of support legs | mm | b4 | 900 | 900 |
| 4.28 | Reach movement | mm | l4 | (see table) | (see table) |
| 4.32 | Ground clearance @ centre of wheelbase (forks lowered) | mm | m2 | 80 | 60 |
| 4.33 | Working aisle width (Ast3) 1000 x 1200 mm load, lengthwise | mm | Ast | (see table) | (see table) |
| 4.34 | Working aisle width (Ast3) 800 x 1200 mm load, lengthwise | mm | Ast | (see table) | (see table) |
| 4.35 | Turning radius (forks lowered) | mm | Wa | 1800 | 1800 |
| 4.37 | Truck length over load arms | mm | l7 | 1980 | 1980 |
| | **Performance** | | | | |
| 5.1 | Travel speed, laden / unladen | km/h | | 10.2 / 10.5 | 10.0 / 10.5 |
| 5.2 | Lifting speed, laden / unladen | m/s | | 0.23 / 0.43 | 0.21 / 0.43 |
| 5.3 | Lowering speed, laden / unladen | m/s | | 0.40 / 0.38 | 0.40 / 0.38 |
| 5.4 | Reach speed, laden / unladen | m/s | | 0.10 / 0.10 | 0.10 / 0.10 |
| 5.8 | Maximum gradeability, laden / unladen | % | | 8.0 / 12.5 | 7.0 / 12.0 |
| 5.9 | Acceleration time (10 metres), with/without load | s | | 6.0 / 5.6 | 6.5 / 5.5 |
| 5.10 | Service brake (mechanical, hydraulic, electric) | | | electr.-mech. | electr.-mech. |
| | **Motors** | | | | |
| 6.1 | Drive motor (S2 60 min) | kW | | 7.5 | 7.5 |
| 6.2 | Lift motor (S3 15 %) | kW | | 14.0 | 14.0 |
| 6.4 | Battery voltage / capacity (5 hr. rating) | V/Ah | | 48 / 800, 960 | 48 / 800, 960 |
| 6.5 | Battery weight | kg | | 1100 | 1100 |
| | **Miscellaneous** | | | | |
| 8.1 | Speed control type | | | stepless | stepless |
| 8.2 | Max. operating pressure for attachments | bar | | 160 | 190 |



# RBM20K • RBM25K
## 2.0t • 2.5t

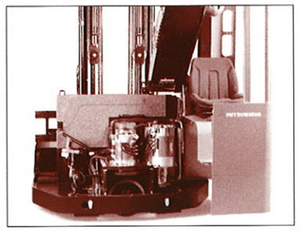
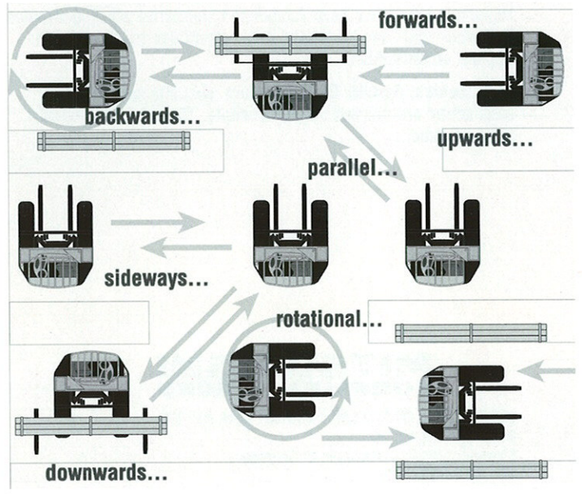



**Sophisticated features, quality workmanship and reliable performance.**

### Style & Ergonomics
- spacious, modern and ergonomic operator's compartment for smoothe, comfortable operation
- «fly-by-wire» steering and featherlight hydraulic controls ensure effortless work shifts
- the swing-away control console ensures optimum driving comfort
- fully adjustable seat for weight, backrest and driving position
- clearview mast for unobstructed view for the operator

### Exceptional Performance
- smoothe and easy handling of long loads in narrow aisles
- impressive mast lift and lower speeds enable high stacking efficiency
- multi-directional travel: forwards, backwards, parallel, sideways, and rotational. Travel modes are controlled by a selection switch

### High Technology
- AC technology for all motors and controllers (drive, pump and steering motors)
- AC drive motor provides powerful acceleration, regenerative braking and stepless modulation of travel speed
- high frequency control unit for the pump results in smoothe, jolt-free performance for each individual hydraulic function
- each load wheel has an independent steer motor, controller and brake system for enhanced manoeuvreability
- all wheels turn 360° in either direction for infinite steering precision
- fully programmable functions like speed, acceleration and braking for job-matched performance
- broad selection of built-in diagnostic functions minimise troubleshooting and downtime
- swing open cab concept ensures complete, simple and rapid access for service

### Options available
- lift height indicator or lift height pre-selector
- hinged elbow support for driver
- radio / speaker system
- warning light
- seat head rest.