# **RBN Series**

Reach Truck • AC Power **1.4 - 2.5 tonnes** 

### Taking care of your driver – and your business

This outstanding reach truck range brings together a tremendous package of features that will keep your driver happy. And a happy driver is a productive driver! AC technology and advanced electronic systems combine to make all fork movement, travel and



manoeuvring quiet, smooth and precise. From a spacious, comfortable operator compartment, with an amazingly clear all-round view and a host of features for the driver's convenience, the truck's power is directed via the latest in user-friendly controls and instruments.

> For employers, these trucks promise the height of reliability. You will enjoy efficient, worryfree, low-cost operation, with durable components, electronic diagnostics and easy service access keeping downtime to a minimum. To meet every need, a choice of ten models is offered - including high performance versions for the most demanding applications, straddle legs for handling wider pallets and compact chassis for use with drive-in racking. A range of specialised optional features, as well as full programmability to suit every driver and task, add further

RB16NC RB16NHC RB16NS RB16NHS RB16N RB16NH RB20NH RB25NH

RB14N RB14NH

### Frame and body

• Ergonomic overhead guard maximises upward and all-round view – as well as driver protection.

### Mast and fork assembly

- Revolutionary Visionmast offers unrivalled forward vision and superb lifting ability.
- Clear-view fork carriage improves visibility of forks at first stacking level.

### Drive

Powerful AC drive motor provides high torque, even at fast speeds, for rapid acceleration and smooth, quiet, controlled, efficient operation – and lowers service costs.

### Steering system

- Unlimited 360-degree electric steering gives precise control with minimal effort.
- Progressive steering enables easy manoeuvring at low speeds and steady control when moving fast.

#### **Brakes**

- Highly efficient regenerative braking means effective control and reduced brake wear.
- Load wheel brakes add extra braking power (on H models).



## **RBN Series**

Reach Truck 

AC Power

## 1.4 - 2.5 tonnes

| Characteristics   |                 |   |                        |                  |                        |                  |                   |                        |                  |                  |                   |                   |
|---|-----------------|---|------------------------|------------------|------------------------|------------------|-------------------|------------------------|------------------|------------------|-------------------|-------------------|
| 1.1 Manufacturer (abbreviation)   |                 |   | Mitsubishi             | Mitsubishi       | Mitsubishi             | Mitsubishi       | Mitsubishi        | Mitsubishi             | Mitsubishi       | Mitsubishi       | Mitsubishi        | Mitsubishi        |
| 1.2 Manufacturer's model designation  |                 |   | RB14N                  | RB14NH           | RB16N                  | RB16NH           | RB16NS            | RB16NHS                | RB16NC           | RB16NHC          | RB20NH            | RB25NH            |
| 1.3 Power source: (battery, diesel, LP gas, petrol)   |                 |   | Electric               | Electric         | Electric               | Electric         | Electric          | Electric               | Electric         | Electric         | Electric          | Electric          |
| 1.4 Operator type: pedestrian, (operator)-standing, -seated   |                 |   | Seated                 | Seated           | Seated                 | Seated           | Seated            | Seated                 | Seated           | Seated           | Seated            | Seated            |
| 1.5 Load capacity   | Q               | (kg)                                    | 1400                   | 1400             | 1600                   | 1600             | 1600              | 1600                   | 1600             | 1600             | 2000              | 2500              |
| 1.6 Load centre distance  | C               | (mm)                                    | 600                    | 600              | 600                    | 600              | 600               | 600                    | 600              | 600              | 600               | 600               |
| 1.8 Load wheel axle to fork face (forks lowered)  | X               | (mm)                                    | See Table              | See Table        | See Table              | See Table        | See Table         | See Table              | See Table        | See Table        | See Table         | See Table         |
| 1.9 Wheelbase   | v               | (mm)                                    | 1300                   | 1300             | 1350                   | 1350             | 1400              | 1400                   | 1400             | 1400             | 1500              | 1500              |
| Weight  |                 | ()                                      |                        |                  |                        |                  |                   |                        |                  |                  |                   |                   |
| 2.1 Truck weight with nominal load & maximum battery weight   |                 | ka                                      | 4925                   | 5652             | 5399                   | 6126             | 5147              | 5852                   | 5063             | 5793             | 6324              | 6910              |
| 2.3 Axle loadings without load & with maximum battery weight, drive/load side                           |                 | ka                                      | 2065/1460              | 2348/1904        | 2135/1665              | 2415/2111        | 2065/1481         | 2348/1904              | 1980/1484        | 2254/1940        | 2337/1986         | 2371/2040         |
| 2.4 Axle loading, mast forward, with nominal load, drive/load side (lowest lift height)                 |                 |   | 745/4180               | 844/4808         | 756/4643               | 859/5267         | 730/4417          | 808/5044               | 650/4413         | 754/5039         | 816/5508          | 580/6330          |
| 2.5 Axle loading, mast retracted, with nominal load, drive/load side (lowest lift heigh                 | 6               |   | 1730/3195              | 2013/3639        | 1766/3633              | 2046/4080        | 1710/3437         | 2077/3775              | 1624/3440        | 1899/3895        | 1923/4401         | 1852/5058         |
| Wheels, Drive Train   | 9               | I I                                     | 1100/0100              | 2010/0000        | 1100,0000              | 2010/1000        | 1110/0101         | 2017/0110              | 102 1/0 110      | 1000/0000        | 1020/1101         | 1002/0000         |
| 3.1 Tyres: PT=Power Thane, Vul=Vulkollan, drive/load side   |                 |   | Vulkollan              | Vulkollan        | Vulkollan              | Vulkollan        | Vulkollan         | Vulkollan              | Vulkollan        | Vulkollan        | Vulkollan         | Vulkollan         |
| 3.2 Tyre dimensions, drive side   |                 | (mm)                                    | Ø285x75                | Ø285x75          | Ø285x130               | Ø285x130         | Ø285x75           | Ø285x75                | Ø285x75          | Ø285x75          | Ø285x130          | Ø285x130          |
| 3.3 Tyre dimensions, load side  |                 | (mm)                                    | Ø360x140               | Ø360x140         | Ø360x140               | Ø360x140         | Ø360x140          | Ø360x140               | Ø360x140         | Ø360x140         | Ø360x140          | Ø360x140          |
| 3.5 Number of wheels, drive/load side (x=driven)  |                 | ((((((((((((((((((((((((((((((((((((((( | 2/1x                   | 2/1x             | 2/1x                   | 2/1x             | 2/1x              | 2/1x                   | 2/1x             | 2/1x             | 2/1x              | 2/1x              |
| 3.7 Track width (centre of tyres), load side  | b11             | (mm)                                    | 1195                   | 1195             | 1140                   | 1140             | 1195              | 1195                   | 1025             | 1025             | 1140              | 1310              |
| Dimensions  | ווע             | ((((((((((((((((((((((((((((((((((((((( |                        | 1190             | 1140                   |                  |                   | 1190                   | 1023             | 1023             | 1140              | 1310              |
| 4.1 Fork tilt, forwards / backwards   | al <sup>R</sup> | 0                                       | 2/4                    | 2/4              | 2/4                    | 2/4              | 2/4               | 2/4                    | 2/4              | 2/4              | 2/4               | 2/4               |
|   | α/β             | (mm)                                    |                        | 2/4<br>See Table | 2/4<br>See Table       | 2/4<br>See Table | Z/4<br>See Table  | 2/4<br>See Table       | Z/4<br>See Table | Z/4<br>See Table | 2/4<br>See Table  | Z/4<br>See Table  |
| 4.2 Height with mast lowered (see tables)   | h1              | (mm)                                    | See Table<br>See Table |                  |                        |                  |                   |                        |                  |                  | See Table         | See Table         |
| 4.3 Free lift (see tables)  | h2              | (mm)                                    | See Table              | See Table        | See Table<br>See Table | See Table        | See Table         | See Table<br>See Table | See Table        | See Table        |                   | See Table         |
| 4.4 Lift height (see tables)  | h3              | (mm)                                    |                        | See Table        |                        | See Table        | See Table         |                        | See Table        | See Table        | See Table         |                   |
| 4.5 Overall height with mast raised   | h4              | (mm)                                    | See Table              | See Table        | See Table              | See Table        | See Table         | See Table              | See Table        | See Table        | See Table         | See Table         |
| 4.7 Height to top of overhead guard   | h6              | (mm)                                    | 2200                   | 2200             | 2200                   | 2200             | 2200              | 2200                   | 2200             | 2200             | 2200              | 2200              |
| 4.8 Seat- or stand height   | h7              | (mm)                                    | 1100                   | 1100             | 1100                   | 1100             | 1100              | 1100                   | 1100             | 1100             | 1100              | 1100              |
| 4.10 Height of load legs  | h8              | (mm)                                    | 360                    | 360              | 360                    | 360              | 360               | 360                    | 360              | 360              | 360               | 360               |
| 4.15 Fork height, fully lowered   | h13             | (mm)                                    | 50                     | 50               | 50                     | 50               | 50                | 50                     | 50               | 50               | 50                | 50                |
| 4.19 Overall length   | 11              | (mm)                                    | See Table              | See Table        | See Table              | See Table        | See Table         | See Table              | See Table        | See Table        | See Table         | See Table         |
| 4.20 Length to fork face (includes fork thickness)  | 12              | (mm)                                    | See Table              | See Table        | See Table              | See Table        | See Table         | See Table              | See Table        | See Table        | See Table         | See Table         |
| 4.21 Overall width  | b1/b2           | (mm)                                    | 1270                   | 1270             | 1270                   | 1270             | 1270              | 1270                   | 1100             | 1100             | 1270              | 1440              |
| 4.22 Fork dimensions (thickness, width, length)   | s/e/l           | (mm)                                    | 40/100                 | 40/100           | 40/100                 | 40/100           | 40/100            | 40/100                 | 40/100           | 40/100           | 50/100            | 50/100            |
| 4.23 Fork carriage to DIN 15 173 A/B/no   |                 |   | FEM 2A                 | FEM 2A           | FEM 2A                 | FEM 2A           | FEM 2A            | FEM 2A                 | FEM 2A           | FEM 2A           | FEM 2A            | FEM 2A            |
| 4.24 Fork carriage width  | b3              | (mm)                                    | 720                    | 720              | 720                    | 720              | 720               | 720                    | 720              | 720              | 720               | 720               |
| 4.25 Outside width over forks (minimum/maximum)   | b5              | (mm)                                    | 315-710                | 315-710          | 315-710                | 315-710          | 315-710           | 315-710                | 315-710          | 315-710          | 315-710           | 315-710           |
| 4.26 Innerwidth of load legs  | b4              | (mm)                                    | 1070                   | 1070             | 900                    | 900              | 1070              | 1070                   | 900              | 900              | 900               | 1070              |
| 4.28 Mast reach   | 14              | (mm)                                    | See Table              | See Table        | See Table              | See Table        | See Table         | See Table              | See Table        | See Table        | See Table         | See Table         |
| 4.32 Ground clearance at centre of wheelbase, (forks lowered)   | m2              | (mm)                                    | 75                     | 75               | 75                     | 75               | 75                | 75                     | 75               | 75               | 75                | 75                |
| 4.33 Working aisle width (Ast) with 1000 x1200 mm pallets, load crosswise                               | Ast             | (mm)                                    | See Table              | See Table        | See Table              | See Table        | See Table         | See Table              | See Table        | See Table        | See Table         | See Table         |
| 4.34 Working aisle width (Ast) with 800 x1200 mm pallets, load lengthwise                               | Ast             | (mm)                                    | See Table              | See Table        | See Table              | See Table        | See Table         | See Table              | See Table        | See Table        | See Table         | See Table         |
| 4.35 Turning circle radius  | Wa              | (mm)                                    | 1547                   | 1547             | 1594                   | 1594             | 1640              | 1547                   | 1629             | 1629             | 1735              | 1749              |
| 4.37 Truck length over load legs  | 17              | (mm)                                    | 1693                   | 1693             | 1743                   | 1743             | 1793              | 1693                   | 1793             | 1793             | 1893              | 1893              |
| Performance   |                 |   |                        |                  |                        |                  |                   |                        |                  |                  |                   |                   |
| 5.1 Travel speed, with/without load   |                 | km/h                                    | 10/10                  | 12/12            | 10/10                  | 12/12            | 10/10             | 12/12                  | 10/10            | 12/12            | 12/12             | 12/12             |
| 5.2 Lifting speed, with/without load  |                 | m/s                                     | 0,35/0,55              | 0,44/0,65        | 0,35/0,55              | 0,40/0,65        | 0,35/0,55         | 0,40/0,65              | 0,35/0,55        | 0,40/0,65        | 0,35/0,65         | 0,30/0,65         |
| 5.3 Lowering speed, with/without load   |                 | m/s                                     | 0,55/0,50              | 0,55/0,50        | 0,55/0,50              | 0,55/0,50        | 0,55/0,50         | 0,55/0,50              | 0,55/0,50        | 0,55/0,50        | 0.55/0.50         | 0,55/0,50         |
| 5.4 Reach speed. with/without load  |                 | m/s                                     | 0,20/0,20              | 0,20/0,20        | 0,20/0,20              | 0,20/0,20        | 0,20/0,20         | 0,20/0,20              | 0,20/0,20        | 0,20/0,20        | 0,20/0,20         | 0,20/0,20         |
| 5.8 Maximum gradeability, with/without load   |                 | %                                       | 10/15                  | 10/15            | 10/15                  | 8/12             | 10/15             | 10/15                  | 10/15            | 10/15            | 8/12              | 7/12              |
| 5.9 Acceleration time (10 metres) with/without load   |                 | 0                                       | 5,0/4,5                | 5,0/4,5          | 5,0/4,5                | 5,4/4,7          | 5,0/4,5           | 5,0/4,5                | 5,0/4,5          | 5,0/4,5          | 5,6/4,7           | 5,9/4,7           |
| 5.10 Service brakes (mechanical/hydraulic/electric/pneumatic)   |                 | 3                                       | Electric               | Electric         | Electric               | Electric         | Electric          | Electric               | Electric         | Electric         | Electric          | Electric          |
| Electric motors   |                 |   |                        |                  |                        |                  |                   |                        |                  |                  |                   |                   |
| 5.1 Drive motor capacity (60 min. short duty)   |                 | kW                                      | 7,5                    | 7,5              | 7,5                    | 7,5              | 7,5               | 7,5                    | 7,5              | 7,5              | 7,5               | 7,5               |
|   |                 | kW                                      | 7,5<br>10              | 7,5<br>14        | 1,5                    | 14               | 1,5               | 7,5<br>14              | 10               | 7,5<br>14        | 1,5               | 14                |
| 6.2 Lift motor output at 15% duty factor  |                 |   | 10                     |                  |                        |                  | 10                |                        | 10               |                  |                   |                   |
| 6.4 Battery voltage/capacity at 5-hour discharge  |                 | V /Ah                                   | 48/ 465, 620, 775      | 48/ 620, 775     | 48/ 465, 620, 775      | 48/ 620, 775     | 48/ 465, 620, 775 | 48/ 620, 775           | 48/ 465, 620     | 48/ 620          | 48/ 620, 775, 930 | 48/ 620, 775, 930 |
| 6.5 Battery weight<br>Miscellaneous   |                 | Kġ                                      | 700, 900, 1100         | 900, 1100        | 700, 900, 1100         | 900, 1100        | 700, 900, 1100    | 900, 1100              | 700, 900         | 900              | 900, 1100, 1300   | 900, 1100, 1300   |
| WUSPAUPDIAIAUS  |                 |   | Obarda                 |                  |                        | Otra             | Oharl             | Oteral                 | Obra 1           | Others           | Oteral            |                   |
|   |                 |   |                        |                  |                        |                  |                   |                        |                  |                  |                   | Stoplace          |
| 8.1       Type of drive control         8.4*       Noise level, mean value at operator's ear (EN 12053) |                 | dB(A)                                   | Stepless<br>67         | Stepless<br>71   | Stepless<br>67         | Stepless<br>71   | Stepless<br>67    | Stepless<br>71         | Stepless<br>67   | Stepless<br>71   | Stepless<br>71    | Stepless<br>71    |

\* Accuracy 4 dB (A)





Standard seat







Luxury seat - optional armrest

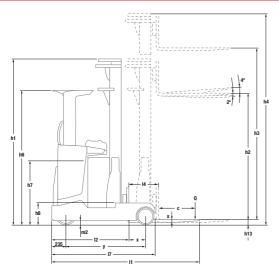


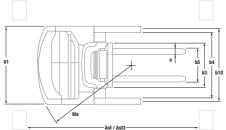
Optional spotlights



Optional reading light







- h1 Height with mast loweredh2 Standard free lift
- h3 Lift height
- h4 Height with mast raised
- h5 Full free lift
- Lifting capacity, rated load Load centre (distance) Q
- С

Ast = Wa + R + a Ast = Working aisle width

- Wa = Turning radius a = Safety clearance = 2 x 100 mm R =  $\sqrt{(16 x)^2 + (b12/2)^2}$ 16 = Pallet length (1200 mm) 142

h2\*

2647

2813

3135

h4\*\* 8830

9330

9830

b12 = Pallet width (800 or 1000 mm)

| RB14N, RB16N, RB16NS, RB16NC |      |      |      |      |  |  |  |  |  |
|------------------------------|------|------|------|------|--|--|--|--|--|
| Mast type                    | h3*  | h1   | h2*  | h4** |  |  |  |  |  |
|                              | 4800 | 2210 | 1560 | 5630 |  |  |  |  |  |
|                              | 5400 | 2410 | 1760 | 6230 |  |  |  |  |  |
|                              | 5700 | 2510 | 1860 | 6530 |  |  |  |  |  |
| Triplex                      | 5900 | 2577 | 1927 | 6730 |  |  |  |  |  |
|                              | 6300 | 2710 | 2060 | 7130 |  |  |  |  |  |
|                              | 7000 | 2943 | 2293 | 7830 |  |  |  |  |  |
|                              | 7500 | 3110 | 2460 | 8330 |  |  |  |  |  |

| RB16NH    |       |      |      |       |  |  |  |  |  |
|-----------|-------|------|------|-------|--|--|--|--|--|
| Mast type | h3*   | h1   | h2*  | h4**  |  |  |  |  |  |
|           | 8000  | 3297 | 2647 | 8830  |  |  |  |  |  |
|           | 8500  | 3463 | 2813 | 9330  |  |  |  |  |  |
|           | 9000  | 3785 | 3135 | 9830  |  |  |  |  |  |
| <b>-</b>  | 9500  | 3952 | 3302 | 10330 |  |  |  |  |  |
| Triplex   | 10000 | 4118 | 3468 | 10830 |  |  |  |  |  |
|           | 10500 | 4285 | 3635 | 11330 |  |  |  |  |  |
|           | 11000 | 4452 | 3802 | 11830 |  |  |  |  |  |
|           | 11500 | 4618 | 3968 | 12330 |  |  |  |  |  |

RB14NH, RB16NHS,

h1

3297

3463

3785

h3\*

8000

8500

9000

Mast type

Triplex

| RB20NH, RB25NH |                 |      |      |       |  |  |  |  |  |
|----------------|-----------------|------|------|-------|--|--|--|--|--|
| Mast type      | h3* h1 h2* h4** |      |      |       |  |  |  |  |  |
|                | 4800            | 2230 | 1580 | 5630  |  |  |  |  |  |
|                | 5400            | 2430 | 1780 | 6230  |  |  |  |  |  |
|                | 5700            | 2530 | 1880 | 6530  |  |  |  |  |  |
|                | 5900            | 2597 | 1947 | 6730  |  |  |  |  |  |
|                | 6300            | 2730 | 2080 | 7130  |  |  |  |  |  |
|                | 7000            | 2963 | 2313 | 7830  |  |  |  |  |  |
|                | 7500            | 3130 | 2480 | 8330  |  |  |  |  |  |
| Triplex        | 8000            | 3297 | 2647 | 8830  |  |  |  |  |  |
|                | 8500            | 3463 | 2813 | 9330  |  |  |  |  |  |
|                | 9000            | 3785 | 3135 | 9830  |  |  |  |  |  |
|                | 9500            | 3952 | 3302 | 10330 |  |  |  |  |  |
|                | 10000           | 4118 | 3468 | 10830 |  |  |  |  |  |
|                | 10500           | 4285 | 3635 | 11330 |  |  |  |  |  |
|                | 11000           | 4452 | 3802 | 11830 |  |  |  |  |  |
|                | 11500           | 4618 | 3968 | 12330 |  |  |  |  |  |

Fork height is 50mm or 60mm higher, depending on lowered fork height (h13) Including load backrest

\*\*

|            | Battery  | Battery | 4.33 (1000x1200mm width) |        | 4.34 (1200x800mm length) |        | L4   | L2   | L1*  | x    |
|------------|----------|---------|--------------------------|--------|--------------------------|--------|------|------|------|------|
|            | capacity | weight  | Ast                      | Ast3** | Ast                      | Ast3** | 4.28 | 4.20 | 4.19 | 1.8  |
| Model      | (Ah)     | (kg)    | (mm)                     | (mm)   | (mm)                     | (mm)   | (mm) | (mm) | (mm) | (mm) |
| RB14N      | 465      | 700     | 2684                     | 2466   | 2750                     | 2666   | 463  | 1254 | 2404 | 281  |
| ND 14N     | 620      | 900     | 2740                     | 2538   | 2816                     | 2738   | 391  | 1326 | 2476 | 209  |
|            | 775      | 1100    | 2798                     | 2610   | 2883                     | 2810   | 319  | 1398 | 2548 | 137  |
| RB14NH     | 620      | 900     | 2748                     | 2548   | 2825                     | 2748   | 382  | 1336 | 2486 | 199  |
|            | 775      | 1100    | 2806                     | 2620   | 2892                     | 2820   | 310  | 1408 | 2558 | 127  |
| RB16N      | 465      | 700     | 2693                     | 2463   | 2751                     | 2663   | 513  | 1254 | 2404 | 331  |
| NOTON      | 620      | 900     | 2748                     | 2535   | 2817                     | 2735   | 441  | 1326 | 2476 | 259  |
|            | 775      | 1100    | 2804                     | 2607   | 2883                     | 2807   | 369  | 1398 | 2548 | 187  |
| RB16NH     | 620      | 900     | 2755                     | 2545   | 2826                     | 2745   | 432  | 1336 | 2486 | 249  |
|            | 775      | 1100    | 2813                     | 2617   | 2892                     | 2817   | 360  | 1408 | 2558 | 177  |
| RB16NS     | 465      | 700     | 2702                     | 2459   | 2752                     | 2659   | 563  | 1254 | 2404 | 381  |
| ND 10N3    | 620      | 900     | 2755                     | 2531   | 2817                     | 2731   | 491  | 1326 | 2476 | 309  |
|            | 775      | 1100    | 2811                     | 2603   | 2883                     | 2803   | 491  | 1398 | 2548 | 237  |
| RB16NHS    | 620      | 900     | 2748                     | 2548   | 2825                     | 2748   | 382  | 1336 | 2486 | 199  |
| AB TONI 13 | 775      | 1100    | 2806                     | 2620   | 2892                     | 2820   | 310  | 1408 | 2558 | 127  |
| RB16NC     | 465      | 700     | 2731                     | 2502   | 2789                     | 2702   | 510  | 1308 | 2458 | 327  |
| RETONC     | 620      | 900     | 2800                     | 2592   | 2872                     | 2792   | 420  | 1398 | 2548 | 237  |
| RB16NHC    | 620      | 900     | 2807                     | 2602   | 2881                     | 2802   | 410  | 1408 | 2558 | 228  |
|            | 620      | 900     | 2784                     | 2536   | 2830                     | 2736   | 582  | 1336 | 2486 | 399  |
| RB20NH     | 775      | 1100    | 2837                     | 2608   | 2895                     | 2808   | 510  | 1408 | 2558 | 327  |
|            | 930      | 1300    | 2892                     | 2680   | 2961                     | 2880   | 438  | 1480 | 2630 | 255  |
|            | 620      | 900     | 2805                     | 2560   | 2853                     | 2760   | 572  | 1346 | 2496 | 389  |
| RB25NH     | 775      | 1100    | 2858                     | 2632   | 2918                     | 2832   | 500  | 1418 | 2568 | 317  |
|            | 930      | 1300    | 2913                     | 2704   | 2984                     | 2904   | 428  | 1490 | 2640 | 245  |

\*\* With fork length 1150mm
 \*\* Ast3 does not take the load diagonal into account. Only to be used for intrusive stacking.



Fingertip hydraulic controls

### **Hydraulics**

 Powerful AC hydraulic motor – with extra-strength pump on H models – provides high torque for rapid but smooth – and controlled – lifting and lowering.

### Electrical and control systems

- New generation control system – with PIN code starter pad and emergency (slow travel) code – programmes over 25 parameters to suit load, application and driver precisely.
- CAN-bus system reduces wiring and makes fault finding quick and simple.
- Maintenance interval calculator encourages correct servicing, for optimum component life and minimum downtime.
- Temperature control in drive and lift motors and controllers – prevents damage from overheating.
- Smooth, quiet mast movement – including mast damping, stepless staging and jolt-free reaching – enhances driver comfort and precision.
- Automatic, stepless speed reduction system constantly monitors lift height and steering angle and adjusts speed to ensure safe, controlled performance.
- Seat switch prevents all fork movement and truck travel if the driver is not seated.
- Tilting battery cover gives quick, easy access for maintenance and charging.
- Battery rollers make changes quick, easy and safe.



Spacious driver compartment

### **Operator environment** and controls

- Spacious driver compartment offers comfort and protection.
- Folding steering wheel console – with adjustment for column length and angle – lifts up for easy access and ensures optimum position for each driver.
- Secure storage spaces include specially designed pockets and locking devices for litter bin, bottles, cups, pens, scissors, tape dispenser, writing pad, phone etc.
- Full-suspension, fully adjustable seat keeps driver safe, comfortable and alert through the longest of shifts. (Luxury seat with lumbar support, air suspension and electrical height adjustment available as option.)
- Fingertip hydraulic controls integrated into fully adjustable, comfortable armrest – allow effortless precision.
- Multi-function display optimally placed for easy viewing – keeps driver and service engineer fully informed.
- **Grab handles** and low step –permit easy entry and exit.





Foldable steering console

### **Options**

- Extra hydraulic valve and hosing to fork carriage
- Telescopic forks for doubledeep pallet handling
- Camera on forks (and monitor with colour display)
- Lift height pre-selector
- Side shift and tilt centring
- Fork positioner
- Scale (tolerance +/- 50 kg)
- Rapid battery locking and sensor
- PC support and power supply
  - Cold store cabin
- Modification for hot environments
- Customer name/logo/artwork on side panels
- Paintwork in customer's company colours

## *reliability severything*

Developed for outstanding performance and genuine value for money, the awardwinning\* range of Mitsubishi forklift trucks and warehouse equipment is built to a higher specification to maximize productivity and ensure utter reliability... whatever the application.

It's what you'd expect from one of the world's largest corporations whose companies are at the leading edge of technologies where performance, quality and dependability can never be compromised.

It means that, from a single safe source, we can meet 98% of all handling requirements, supplied to you via a range of competitive finance options including outright purchase, rental or leasing. So your local dealer can advise you on precisely the right product for your application... and your budget.

Moreover, because we understand how much you depend on your Mitsubishi forklift truck, we deliver the highest levels of customer support.

Through a network of carefully selected dealerships, we provide quality maintenance and customer care programmes including a choice of warranties that give complete peace of mind. Every dealership holds extensive stocks of manufacturer-approved parts, backed by a central store that holds literally millions of items constantly in stock and achieves a first-pick fulfilled rate of 97%. So your truck can be fixed first time, virtually every time.

\* Mitsubishi Forklift Trucks has won **four** separate Fork Lift Truck Association Annual Awards for Excellence covering the areas of **Ergonomics**, the **Environment** and **Innovation**.



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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 distributor of Mitsubishi forklift trucks. Mitsubishi follows a policy of continual product improvement. For this reason, some materials, options and specifications could chance without notice.







