

## RX 60 Technical Data

### Electric Forklift Truck

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RX 60-35 (Plus)/600|Li-Ion

RX 60-40 (Plus)|Li-Ion

RX 60-40 (Plus)/600|Li-Ion

RX 60-45 (Plus)|Li-Ion

RX 60-45 (Plus)/600|Li-Ion

RX 60-50 (Plus)|Li-Ion

RX 60-50 (Plus)/600|Li-Ion



RX 60-35/50 Electric Forklift Truck

Everything. Except emissions.

This specification sheet, which conforms to VDI guideline 2198, provides the technical values for the standard equipment only. Different tyres, other masts, the use of accessories, etc. may result in other values.



|                  |                                                            |                                                                          |                    |                                  |       |                                   |                                   |                                   |                                   |                                   |                                   |                                   |
|------------------|------------------------------------------------------------|--------------------------------------------------------------------------|--------------------|----------------------------------|-------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Features         | 1.1                                                        | Manufacturer                                                             |                    |                                  |       | STILL                             | STILL                             | STILL                             | STILL                             | STILL                             | STILL                             | STILL                             |
|                  | 1.2                                                        | Manufacturer's type designation                                          |                    |                                  |       | RX 60-35 (Plus)/600 Li-Ion        | RX 60-40 (Plus) Li-Ion            | RX 60-40 (Plus)/600 Li-Ion        | RX 60-45 (Plus) Li-Ion            | RX 60-45 (Plus)/600 Li-Ion        | RX 60-50 (Plus) Li-Ion            | RX 60-50 (Plus)/600 Li-Ion        |
|                  | 1.2.1                                                      | Manufacturer model number                                                |                    |                                  |       | 6331                              | 6332                              | 6333                              | 6334                              | 6335                              | 6336                              | 6337                              |
|                  | 1.3                                                        | Drive                                                                    |                    |                                  |       | Electric                          | Electric                          | Electric                          | Electric                          | Electric                          | Electric                          | Electric                          |
|                  | 1.4                                                        | Operation                                                                |                    |                                  |       | Seated                            | Seated                            | Seated                            | Seated                            | Seated                            | Seated                            | Seated                            |
|                  | 1.5                                                        | Load capacity/load                                                       |                    | Q                                | kg    | 3500                              | 4000                              | 4000                              | 4500                              | 4500                              | 4990                              | 4990                              |
|                  | 1.6                                                        | Load centre                                                              |                    | c                                | mm    | 600                               | 500                               | 600                               | 500                               | 600                               | 500                               | 600                               |
|                  | 1.8                                                        | Load spacing                                                             |                    | x                                | mm    | 515                               | 515                               | 515                               | 515                               | 525                               | 525                               | 525                               |
|                  | 1.9                                                        | Wheel base                                                               |                    | y                                | mm    | 2046                              | 2046                              | 2046                              | 2046                              | 2046                              | 2046                              | 2120                              |
| Weights          | 2.1                                                        | Service weight incl. battery                                             |                    |                                  |       | kg                                | 6310                              | 6310                              | 6582                              | 6582                              | 7164                              | 7164                              |
|                  | 2.2                                                        | Axle load, laden                                                         | front/rear         |                                  |       | kg                                | 8747/1063                         | 9326/984                          | 9512/1070                         | 10067/1015                        | 10453/1211                        | 10971/1183                        |
|                  | 2.3                                                        | Axle load, unladen                                                       | front/rear         |                                  |       | kg                                | 3322/2988                         | 3322/2988                         | 3312/3270                         | 3312/3270                         | 3457/3707                         | 3457/3707                         |
| Tyres/chassis    | 3.1                                                        | Tyres                                                                    |                    |                                  |       | Superelastic                      | Superelastic                      | Superelastic                      | Superelastic                      | Superelastic                      | Superelastic                      | Superelastic                      |
|                  | 3.2                                                        | Tyre size                                                                | front              |                                  |       | mm                                | 250/70-15                         | 250/70-15                         | 355/50-15                         | 355/50-15                         | 355/50-15                         | 355/50-15                         |
|                  | 3.2                                                        | Tyre size                                                                | rear               |                                  |       | mm                                | 200/75-9 (21x8-9)                 | 200/75-9 (21x8-9)                 | 200/75-9 (21x8-9)                 | 200/75-9 (21x8-9)                 | 200/75-9 (21x8-9)                 | 200/75-9 (21x8-9)                 |
|                  | 3.5                                                        | Number of wheels (x = driven)                                            | front/rear         |                                  |       |                                   | 2x/2                              | 2x/2                              | 2x/2                              | 2x/2                              | 2x/2                              | 2x/2                              |
| Basic dimensions | 3.6                                                        | Track width                                                              | front/rear         | b <sub>10</sub> /b <sub>11</sub> | mm    | 1095/920                          | 1095/920                          | 1104/920                          | 1104/920                          | 1104/920                          | 1104/920                          | 1104/932                          |
|                  | 4.1                                                        | Tilt of mast                                                             | forward/backward   | α/β                              | °     | 7/7                               | 7/7                               | 7/7                               | 7/7                               | 7/7                               | 7/7                               | 7/5                               |
|                  | 4.2                                                        | Height of mast                                                           | retracted/extended | h <sub>1</sub> /h <sub>4</sub>   | mm    | 2300/3762                         | 2300/3762                         | 2300/3987                         | 2300/3987                         | 2300/3987                         | 2300/3987                         | 2399/3887                         |
|                  | 4.3                                                        | Free lift                                                                |                    | h <sub>2</sub>                   | mm    | 160                               | 160                               | 160                               | 160                               | 160                               | 160                               | 160                               |
|                  | 4.4                                                        | Lift <sup>1</sup>                                                        |                    | h <sub>3</sub>                   | mm    | 2980                              | 2980                              | 2980                              | 2980                              | 2980                              | 2980                              | 2780                              |
|                  | 4.7                                                        | Height above protective roof (low variant)                               |                    | h <sub>6</sub>                   | mm    | 2336 (2241)                       | 2336 (2241)                       | 2333 (2243)                       | 2333 (2243)                       | 2333 (2243)                       | 2333 (2243)                       | 2348 (2253)                       |
|                  | 4.8                                                        | Seat height in relation to SIP (low variant)                             |                    | h <sub>7</sub>                   | mm    | 1345                              | 1345                              | 1343                              | 1343                              | 1342                              | 1342                              | 1351                              |
|                  | 4.12                                                       | Coupling height                                                          |                    | h <sub>10</sub>                  | mm    | 540/415                           | 540/415                           | 540/415                           | 540/415                           | 540/415                           | 540/415                           | 560/435                           |
|                  | 4.19                                                       | Total length                                                             |                    | l <sub>1</sub>                   | mm    | 4101                              | 4101                              | 4101                              | 4101                              | 4111                              | 4111                              | 4220                              |
|                  | 4.20                                                       | Length including fork backs                                              |                    | l <sub>2</sub>                   | mm    | 2901                              | 2901                              | 2901                              | 2901                              | 2911                              | 2911                              | 3020                              |
|                  | 4.21                                                       | Total width                                                              |                    | b <sub>1</sub>                   | mm    | 1320                              | 1320                              | 1399                              | 1399                              | 1399                              | 1399                              | 1399                              |
|                  | 4.22                                                       | Fork dimensions                                                          |                    | s/e/l                            | mm    | 50/120/1200                       | 50/120/1200                       | 50/120/1200                       | 50/120/1200                       | 60/130/1200                       | 60/130/1200                       | 60/130/1200                       |
|                  | 4.23                                                       | Fork carriage ISO 2328, class/form A, B                                  |                    |                                  |       | ISO III A                         | ISO III A                         | ISO III A                         | ISO III A                         | ISO III A                         | ISO III A                         | ISO III A                         |
|                  | 4.24                                                       | Fork carriage width                                                      |                    | b <sub>3</sub>                   | mm    | 1200                              | 1200                              | 1200                              | 1200                              | 1310                              | 1310                              | 1310                              |
|                  | 4.31                                                       | Ground clearance under mast, with load                                   |                    | m <sub>1</sub>                   | mm    | 131                               | 129                               | 127                               | 127                               | 126                               | 126                               | 125                               |
|                  | 4.32                                                       | Ground clearance centre wheel base                                       |                    | m <sub>2</sub>                   | mm    | 145                               | 145                               | 144                               | 144                               | 144                               | 144                               | 153                               |
|                  | 4.34.1                                                     | Working aisle width with pallet 1000 x 1200 crossways <sup>3, 4</sup>    |                    | A <sub>st</sub>                  | mm    | 4265                              | 4265                              | 4265                              | 4265                              | 4275                              | 4275                              | 4370                              |
|                  | 4.34.2                                                     | Working aisle width with pallet 800 x 1200 lengthways <sup>3, 4</sup>    |                    | A <sub>st</sub>                  | mm    | 4465                              | 4465                              | 4465                              | 4465                              | 4475                              | 4475                              | 4570                              |
|                  | 4.35                                                       | Turning radius                                                           |                    | W <sub>a</sub>                   | mm    | 2550                              | 2550                              | 2550                              | 2550                              | 2550                              | 2550                              | 2645                              |
|                  | 4.36                                                       | Smallest pivoting distance                                               |                    | b <sub>13</sub>                  | mm    | 725                               | 725                               | 725                               | 725                               | 725                               | 725                               | 729                               |
| Performance data | 5.1                                                        | Driving speed                                                            | with load          |                                  | km/h  | 20                                | 20                                | 20                                | 20                                | 20                                | 20                                | 20                                |
|                  | 5.1                                                        | Driving speed                                                            | without load       |                                  | km/h  | 20                                | 20                                | 20                                | 20                                | 20                                | 20                                | 20                                |
|                  | 5.2                                                        | Lifting speed (plus*//standard performance)                              | with load          |                                  | m     | 0.47//0.42                        | 0.44//0.40                        | 0.41//0.37                        | 0.41//0.37                        | 0.39//0.33                        | 0.39/0.33                         | 0.39//0.31                        |
|                  | 5.2                                                        | Lifting speed                                                            | without load       |                                  | m/s   | 0.53                              | 0.53                              | 0.53                              | 0.45                              | 0.45                              | 0.45                              | 0.45                              |
|                  | 5.3                                                        | Lowering speed                                                           | with load          |                                  | m/s   | 0.5                               | 0.5                               | 0.5                               | 0.5                               | 0.5                               | 0.5                               | 0.5                               |
|                  | 5.3                                                        | Lowering speed                                                           | without load       |                                  | m/s   | 0.5                               | 0.5                               | 0.5                               | 0.5                               | 0.5                               | 0.5                               | 0.5                               |
|                  | 5.5                                                        | Drawbar pull                                                             | with load          |                                  | N     | 7280                              | 7210                              | 7170                              | 7030                              | 6960                              | 6800                              | 6750                              |
|                  | 5.5                                                        | Drawbar pull                                                             | without load       |                                  | N     | 7750                              | 7720                              | 7620                              | 7650                              | 7520                              | 7490                              | 7430                              |
|                  | 5.6                                                        | Max. drawbar pull (plus*//standard performance) <sup>5</sup>             | with load          |                                  | N     | 2720 // 19170                     | 22700 // 19150                    | 22730 // 19170                    | 22720 // 19150                    | 22630 // 19050                    | 22620 // 19030                    | 22590 // 19000                    |
|                  | 5.6                                                        | Max. drawbar pull (plus*//standard performance) <sup>5</sup>             | without load       |                                  | N     | 22460 // 19040                    | 22460 // 19040                    | 22690 // 19230                    | 22690 // 19230                    | 22660 // 19190                    | 22660 // 19190                    | 22560 // 19090                    |
|                  | 5.7                                                        | Gradeability                                                             | with load          |                                  | %     | 12.4                              | 11.6                              | 11                                | 10.5                              | 9.6                               | 9.2                               | 8.9                               |
|                  | 5.7                                                        | Gradeability                                                             | without load       |                                  | %     | 20.3                              | 19.7                              | 18.8                              | 18.8                              | 16.3                              | 16.3                              | 15.5                              |
|                  | 5.8                                                        | Max. gradeability (plus*//standard performance) <sup>5</sup>             | with load          |                                  | %     | 22.1 // 15.9                      | 21.8 // 15.5                      | 21.6 // 15.3                      | 21.3 // 15                        | 21 // 14.6                        | 20.7 // 14.2                      | 20.4 // 13.8                      |
|                  | 5.8                                                        | Max. gradeability (plus*//standard performance) <sup>5</sup>             | without load       |                                  | %     | 28.5 // 28.5                      | 28.5 // 28.5                      | 28.4 // 28.4                      | 28.4 // 28.4                      | 28 // 28                          | 28 // 28                          | 27.5 // 27.5                      |
| Electric engine  | 5.9                                                        | Acceleration time 15 m (plus*//standard performance)                     | with load          |                                  | s     | 5.7 // 6.8                        | 5.8 // 6.9                        | 5.8 // 6.9                        | 5.9 // 7                          | 6.1 // 7.2                        | 6.2 // 7.3                        | 6.3 // 7.4                        |
|                  | 5.9                                                        | Acceleration time 15 m (plus*//standard performance)                     | without load       |                                  | s     | 5.2 // 5.9                        | 5.2 // 5.9                        | 5.3 // 6                          | 5.3 // 6                          | 5.5 // 6.1                        | 5.5 // 6.1                        | 5.7 // 6.2                        |
|                  | 5.10                                                       | Service brake                                                            |                    |                                  |       | Hydraulically actuated disc brake | Hydraulically actuated disc brake | Hydraulically actuated disc brake | Hydraulically actuated disc brake | Hydraulically actuated disc brake | Hydraulically actuated disc brake | Hydraulically actuated disc brake |
|                  | 6.1                                                        | Drive motor, output with S2 60 min                                       |                    |                                  | kW    | 2x11                              | 2x11                              | 2x11                              | 2x11                              | 2x11                              | 2x11                              | 2x11                              |
|                  | 6.2                                                        | Lifting motor, output with S3 15%                                        |                    |                                  | kW    | 25                                | 25                                | 25                                | 25                                | 25                                | 25                                | 25                                |
|                  | 6.3                                                        | Battery according to DIN 43531/35/36 A, B, C, no                         |                    |                                  |       | DIN 43536 A                       | DIN 43536 A                       | DIN 43536 A                       | DIN 43536 A                       | DIN 43536 A                       | DIN 43536 A                       | DIN 43536 A                       |
|                  | 6.4                                                        | Battery voltage                                                          | U                  |                                  | V     | 80                                | 80                                | 80                                | 80                                | 80                                | 80                                | 80                                |
|                  | 6.4.1                                                      | Battery capacity                                                         | K <sub>5</sub>     |                                  | Ah    | 840 (-930)                        | 840 (-930)                        | 840 (-930)                        | 840 (-930)                        | 840 (-930)                        | 840 (-930)                        | 840 (-930)                        |
|                  | 6.5                                                        | Battery weight                                                           |                    |                                  | kg    | 2178                              | 2178                              | 2178                              | 2178                              | 2178                              | 2178                              | 2178                              |
|                  | 6.6                                                        | Energy consumption EN 16796 (plus*//standard performance)                |                    |                                  | kWh/h | 9.2 // 9.2                        | 9.8 // 9.8                        | 10.1 // 9.9                       | 10.9 // 10.3                      | 11.4 // 10.7                      | 12.0 // 11.2                      | 12.5 // 11.7                      |
| Misc.            | 6.7                                                        | Handling rate (plus*//standard performance)                              |                    |                                  | t/h   | 258 // 236                        | 272 // 248                        | 272 // 248                        | 298 // 282                        | 298 // 282                        | 324 // 315                        | 324 // 315                        |
|                  | 6.8                                                        | Energy consumption at handling rate (plus*//standard performance)        |                    |                                  | kWh/h | 9.7 // 8.7                        | 10.2 // 9.1                       | 10.3 // 9.2                       | 10.5 // 9.6                       | 10.9 // 10.3                      | 11.3 // 10.8                      | 11.8 // 11.3                      |
|                  | 10.1                                                       | Working pressure for accessory equipment                                 |                    |                                  | bar   | 250                               | 250                               | 250                               | 250                               | 250                               | 250                               | 250                               |
|                  | 10.2                                                       | Oil volume for accessory equipment                                       |                    |                                  | l     | 50                                | 50                                | 50                                | 50                                | 50                                | 50                                | 50                                |
|                  | 10.7                                                       | Sound pressure level L <sub>pAz</sub> (operator's position) <sup>2</sup> |                    |                                  | dB(A) | 66                                | 66                                | 66                                | 66                                | 66                                | 66                                | 66                                |
| 10.7.1           | Human vibrations: acceleration in accordance with EN 13059 |                                                                          |                    |                                  | m/s²  | 0.42                              | 0.42                              | 0.42                              | 0.42                              | 0.42                              | 0.42                              | 0.42                              |
| 10.8             | Trailer coupling, item/DIN type                            |                                                                          |                    |                                  |       | Bolt                              | Bolt                              | Bolt                              | Bolt                              | Bolt                              | Bolt                              | Bolt                              |

<sup>1</sup> The specified nominal lift takes into consideration the tyre deflection and tolerances of the tyre diameter

<sup>2</sup> Without cab; different values with cab

<sup>3</sup> Fork overhang not included

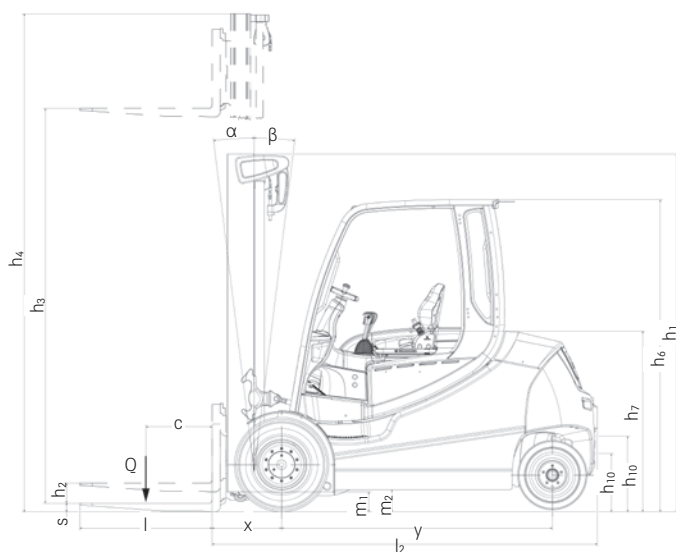
<sup>4</sup> For telescopic and triplex mast

<sup>5</sup> For the complete forklift truck system

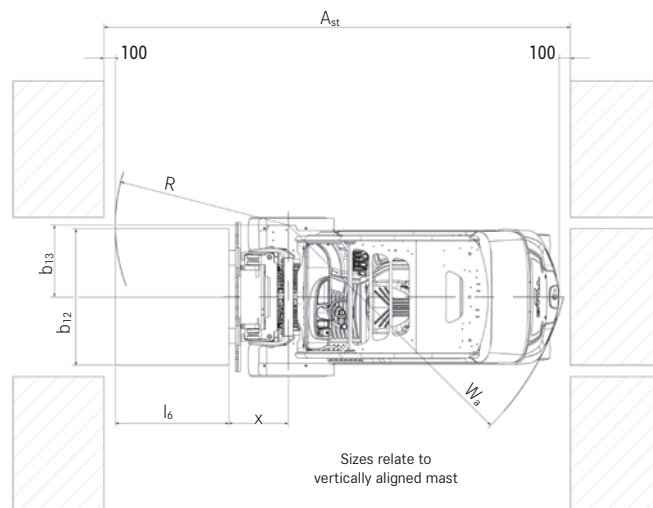
\*Plus performance = high performance variant

## RX 60-35/50 Electric Forklift Truck

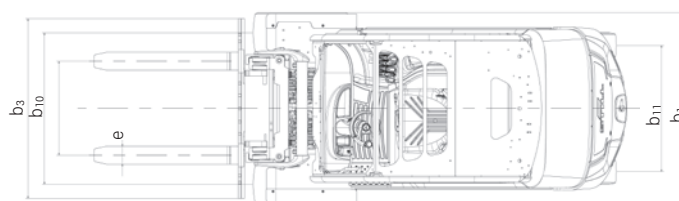
### Technical Drawings



Side view



Top view

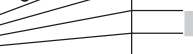


Top view

## Gradients

Maximum distance that can be driven in 60 minutes.

Example: with a load of 4,000 kg and a gradient of 7%, an RX 60-40 (standard performance) can drive a distance of 460 m up to ten times per hour.

| Standard performance                                                                                     |                                                                                                             | Gradient%    | Maximum distance in m |                       |              |              |              |              |              |
|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------|-----------------------|-----------------------|--------------|--------------|--------------|--------------|--------------|
| <div>With load</div>  | 13%                                                                                                         | RX 60-35/600 | RX 60-40              | RX 60-40/600          | RX 60-45     | RX 60-45/600 | RX 60-50     | RX 60-50/600 |              |
|                                                                                                          | 9%                                                                                                          | 1193         | 802                   | 620                   | 294          | 280          | 269          | 255          |              |
|                                                                                                          | 7%                                                                                                          | 3396         | 2754                  | 2520                  | 2234         | 1850         | 1680         | 1545         |              |
|                                                                                                          | 5%                                                                                                          | 5520         | 4600                  | 4320                  | 3563         | 2910         | 2410         | 2150         |              |
|                       | 5%                                                                                                          | 7535         | 6300                  | 6189                  | 5850         | 5795         | 5736         | 5449         |              |
|                                                                                                          |                                                                                                             |              |                       |                       |              |              |              |              |              |
|                                                                                                          | <div>Without load</div>  | 23%          | 328                   | 328                   | 311          | 311          | 276          | 276          | 259          |
|                                                                                                          |                                                                                                             | 20%          | 1250                  | 1250                  | 1155         | 1155         | 487          | 487          | 411          |
| 15%                                                                                                      |                                                                                                             | 2779         | 2779                  | 2560                  | 2560         | 2107         | 2107         | 1795         |              |
| 10%                                                                                                      |                                                                                                             | 7402         | 7402                  | 6664                  | 6664         | 5374         | 5374         | 4953         |              |
|                       | 5%                                                                                                          | 14384        | 14384                 | 14000                 | 14000        | 13773        | 13773        | 12913        |              |
|                                                                                                          |                                                                                                             |              |                       |                       |              |              |              |              |              |
|                                                                                                          | *Plus performance                                                                                           |              | Gradient%             | Maximum distance in m |              |              |              |              |              |
|                                                                                                          | <div>With load</div>     | 13%          | RX 60-35/600          | RX 60-40              | RX 60-40/600 | RX 60-45     | RX 60-45/600 | RX 60-50     | RX 60-50/600 |
| 9%                                                                                                       |                                                                                                             | 1330         | 869                   | 429                   | 409          | 405          | 380          | 282          |              |
| 7%                                                                                                       |                                                                                                             | 4390         | 3214                  | 2987                  | 2850         | 2320         | 2158         | 1789         |              |
| 5%                                                                                                       |                                                                                                             | 7420         | 6120                  | 5136                  | 4900         | 4212         | 3922         | 3483         |              |
|                       | 5%                                                                                                          | 10901        | 10780                 | 10639                 | 10150        | 8130         | 7890         | 7875         |              |
|                                                                                                          |                                                                                                             |              |                       |                       |              |              |              |              |              |
|                                                                                                          | <div>Without load</div>  | 23%          | 407                   | 407                   | 415          | 415          | 380          | 380          | 340          |
|                                                                                                          |                                                                                                             | 20%          | 1982                  | 1982                  | 980          | 980          | 515          | 515          | 442          |
| 15%                                                                                                      |                                                                                                             | 4363         | 4363                  | 3800                  | 3800         | 2574         | 2574         | 1896         |              |
| 10%                                                                                                      |                                                                                                             | 9812         | 9812                  | 9333                  | 9333         | 7400         | 7400         | 6800         |              |
|                       | 5%                                                                                                          | 14384        | 14384                 | 14000                 | 14000        | 13773        | 13773        | 12913        |              |
|                                                                                                          |                                                                                                             |              |                       |                       |              |              |              |              |              |

Dry rough concrete = coefficient of friction 0.80

Battery: standard as per specification sheet

Speed is variable

\*Plus performance = high performance variant

## RX 60-35/50 Electric Forklift Truck

### Detailed Photos



Full cab for outdoor use in all weathers



Optimum availability due to fast and safe battery change



Slim mast ensures excellent view of the forks and extremely high safety standards



Optional air conditioning ensures a pleasant atmosphere in the workplace



Fatigue-free work thanks to the spacious driver's workplace



Telescopic mast for outstanding visibility ahead



High level of safety thanks to large, non-slip steps for easy entry

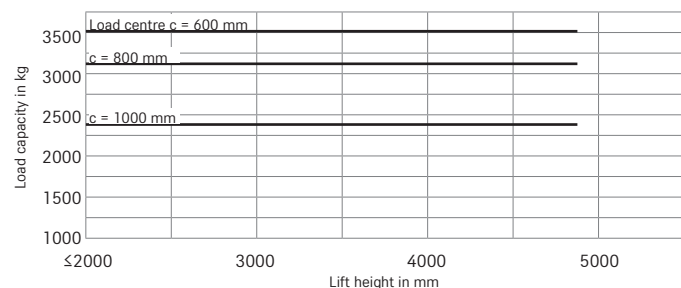


Safe, intuitive operation with the STILL Easy Control display and control module

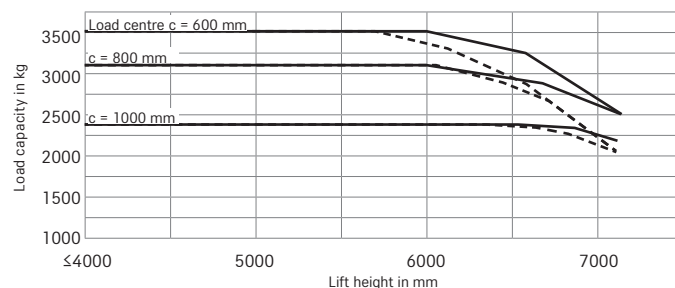
# RX 60-35/50 Electric Forklift Truck

## Basic Load Capacities

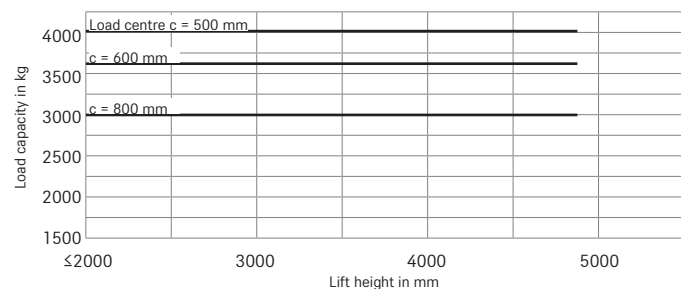
RX 60-35/600 Telescopic mast/single SE tyres



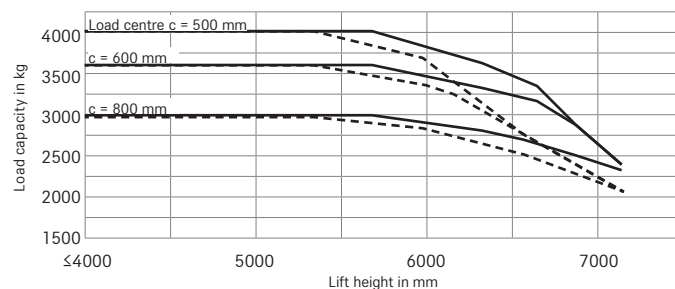
RX 60-35/600 Triplex mast/single SE tyres



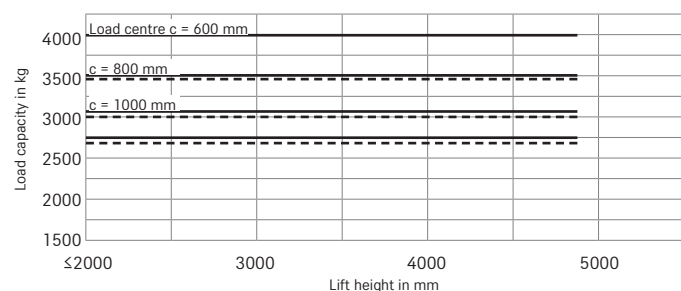
RX 60-40 Telescopic mast/single SE tyres



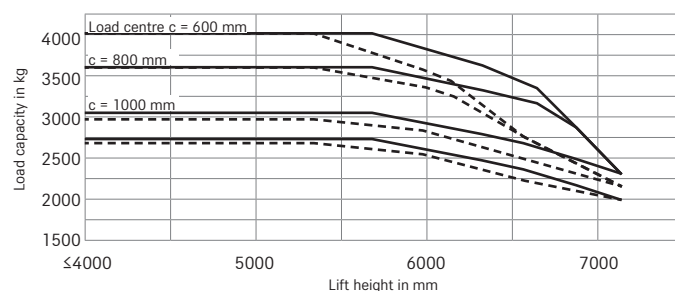
RX 60-40 Triplex mast/single SE tyres



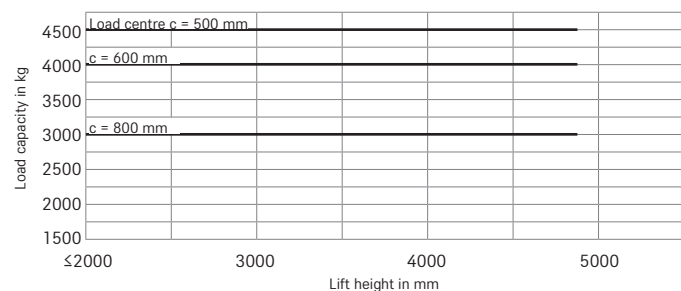
RX 60-40/600 Telescopic mast/single SE tyres



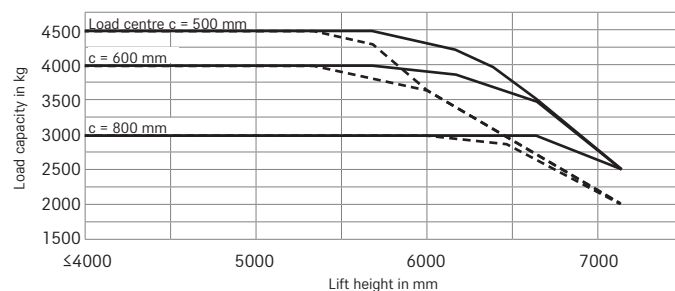
RX 60-40/600 Triplex mast/single SE tyres



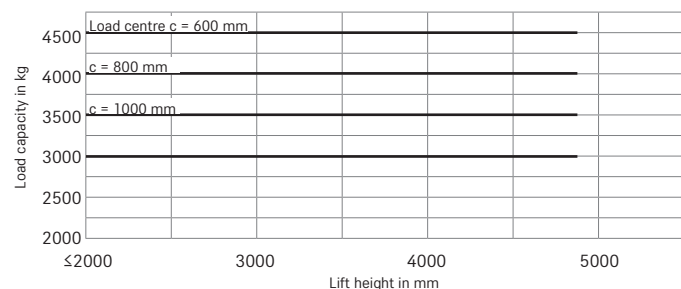
RX 60-45 Telescopic mast/single SE tyres



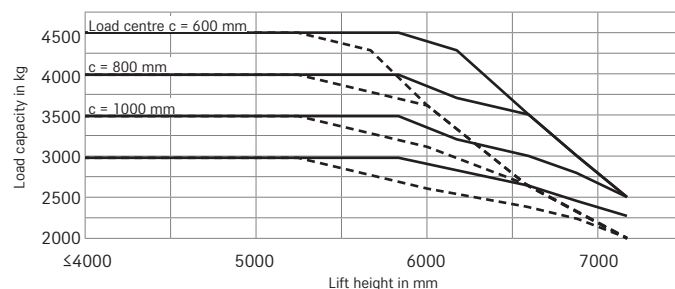
RX 60-45 Triplex mast/single SE tyres



RX 60-45/600 Telescopic mast/single SE tyres



RX 60-45/600 Triplex mast/single SE tyres

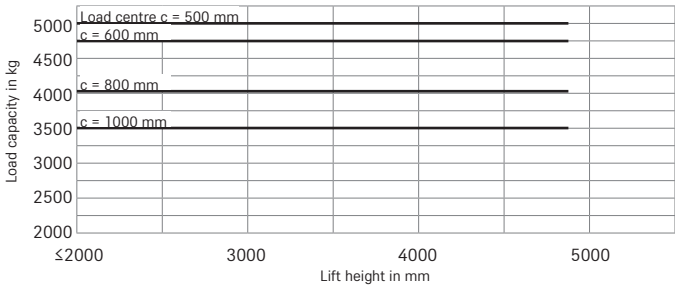


— with standard forks    - - - with integrated side shifter and standard forks  
The listed values may vary depending on the truck's features.

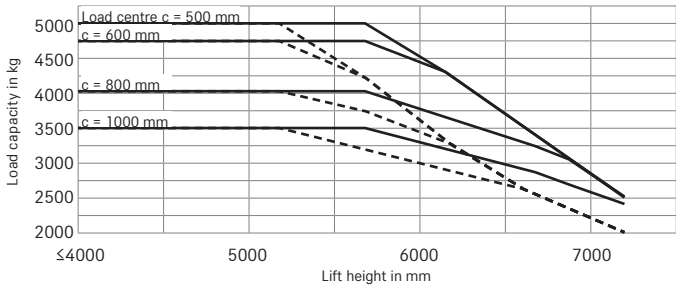
# RX 60-35/50 Electric Forklift Truck

## Basic Load Capacities

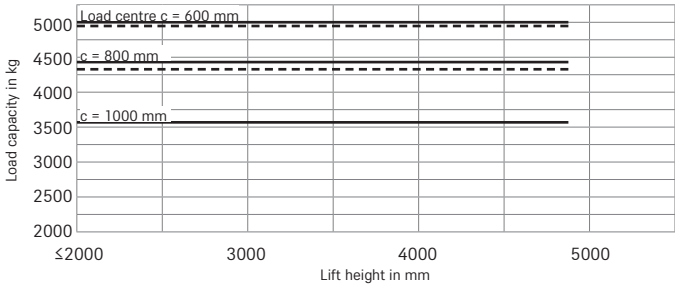
RX 60-50 Telescopic mast/single SE tyres



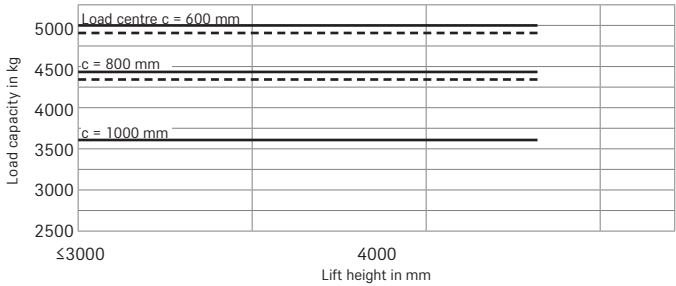
RX 60-50 Triplex mast/single SE tyres



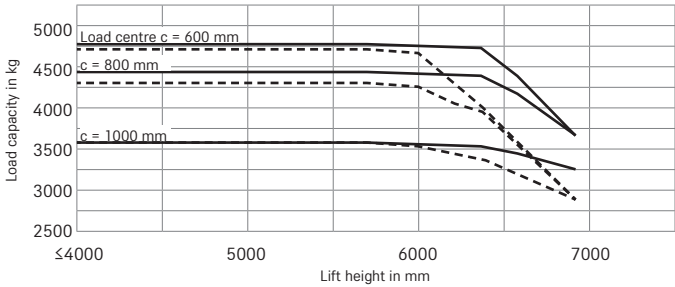
RX 60-50/600 Telescopic mast/single SE tyres



RX 60-50/600 Triplex mast/single SE tyres up to height of 2350 mm



RX 60-50/600 Triplex mast/single SE tyres up to height of 2400 mm



— with standard forks    - - - with integrated side shifter and standard forks  
 The listed values may vary depending on the truck's features.

RX 60-35/50 Electric Forklift Truck

Mast Tables



|               |                                                             |                  |                                  |                               |          |      |      |      |      |           |                                   |          |           |      |          |      |      |      |
|---------------|-------------------------------------------------------------|------------------|----------------------------------|-------------------------------|----------|------|------|------|------|-----------|-----------------------------------|----------|-----------|------|----------|------|------|------|
| RX 60-35/600  | Nominal lift                                                | h <sub>3</sub>   | mm                               | 2980                          | 3180     | 3480 | 3680 | 4080 | 4480 | 4880      | 4030                              | 4330     | 4630      | 5080 | 5380     | 5980 | 6580 | 7180 |
|               | Height                                                      | h <sub>1</sub>   | mm                               | 2300                          | 2400     | 2550 | 2650 | 2850 | 3050 | 3250      | 2150                              | 2250     | 2350      | 2500 | 2600     | 2800 | 3000 | 3200 |
|               | Free lift 4 roller fork carriage                            | h <sub>2</sub>   | mm                               | 160                           |          |      |      |      |      |           | 1390                              | 1490     | 1590      | 1740 | 1840     | 2040 | 2240 | 2440 |
|               | Height, mast raised, 4 roller fork carriage                 | h <sub>4</sub>   | mm                               | 3762                          | 3962     | 4262 | 4462 | 4862 | 5262 | 5662      | 4835                              | 5135     | 5435      | 5885 | 6185     | 6785 | 7385 | 7985 |
|               | Free lift 6 roller fork carriage                            |                  | mm                               | 160                           |          |      |      |      |      |           | 1238                              | 1338     | 1438      | 1588 | 1688     | 1888 | 2088 | 2288 |
|               | Height, mast raised, 6 roller fork carriage                 | h <sub>4</sub>   | mm                               | 3987                          | 4187     | 4487 | 4687 | 5087 | 5487 | 5887      | 4987                              | 5287     | 5587      | 6037 | 6337     | 6937 | 7537 | 8137 |
|               | Tilt angle                                                  | forward/backward | α/β                              | °                             | 7/7      |      |      |      |      |           |                                   | 7/7      |           |      |          |      |      |      |
|               | Fork lock-in position centre-centre (fork carriage 1200 mm) |                  | mm                               | 191/368/572/673/876/978       |          |      |      |      |      |           | 191/368/572/673/876/978           |          |           |      |          |      |      |      |
|               | Fork lock-in position centre-centre (fork carriage 1310 mm) |                  | mm                               | 191/368/572/673/978/1080      |          |      |      |      |      |           | 191/368/470/572/673/978/1080      |          |           |      |          |      |      |      |
|               | Fork lock-in position centre-centre (fork carriage 1410 mm) |                  | mm                               | 191/368/572/673/876/1080/1181 |          |      |      |      |      |           | 191/368/470/572/673/876/1080/1181 |          |           |      |          |      |      |      |
|               | Tyres                                                       | rear             |                                  | 200/75-9 (21x8-9)             |          |      |      |      |      |           | 200/75-9 (21x8-9)                 |          |           |      |          |      |      |      |
|               | Track                                                       | front/rear       | b <sub>10</sub> /b <sub>11</sub> | mm                            | 1095/920 |      |      |      |      |           |                                   | 1095/920 |           |      | 1104/920 |      |      |      |
| Tyres         | front                                                       |                  | 250/70-15                        |                               |          |      |      |      |      | 250/70-15 |                                   |          | 355/50-15 |      |          |      |      |      |
| Maximum width | b <sub>1</sub>                                              | mm               | 1320                             |                               |          |      |      |      |      | 1320      |                                   |          | 1399      |      |          |      |      |      |

|               |                                                             |                  |                                  |                               |          |      |      |      |           |      |                                   |      |          |      |      |      |      |      |
|---------------|-------------------------------------------------------------|------------------|----------------------------------|-------------------------------|----------|------|------|------|-----------|------|-----------------------------------|------|----------|------|------|------|------|------|
| RX 60-40      | Nominal lift                                                | h <sub>3</sub>   | mm                               | 2980                          | 3180     | 3480 | 3680 | 4080 | 4480      | 4880 | 4030                              | 4330 | 4630     | 5080 | 5380 | 5980 | 6580 | 7180 |
|               | Height                                                      | h <sub>1</sub>   | mm                               | 2300                          | 2400     | 2550 | 2650 | 2850 | 3050      | 3250 | 2150                              | 2250 | 2350     | 2500 | 2600 | 2800 | 3000 | 3200 |
|               | Free lift 4 roller fork carriage                            | h <sub>2</sub>   | mm                               | 160                           |          |      |      |      |           |      | 1390                              | 1490 | 1590     | 1740 | 1840 | 2040 | 2240 | 2440 |
|               | Height, mast raised, 4 roller fork carriage                 | h <sub>4</sub>   | mm                               | 3762                          | 3962     | 4262 | 4462 | 4862 | 5262      | 5662 | 4835                              | 5135 | 5435     | 5885 | 6185 | 6785 | 7385 | 7985 |
|               | Free lift 6 roller fork carriage                            |                  | mm                               | 160                           |          |      |      |      |           |      | 1238                              | 1338 | 1438     | 1588 | 1688 | 1888 | 2088 | 2288 |
|               | Height, mast raised, 6 roller fork carriage                 | h <sub>4</sub>   | mm                               | 3987                          | 4187     | 4487 | 4687 | 5087 | 5487      | 5887 | 4987                              | 5287 | 5587     | 6037 | 6337 | 6937 | 7537 | 8137 |
|               | Tilt angle                                                  | forward/backward | α/β                              | °                             | 7/7      |      |      |      |           |      |                                   | 7/7  |          |      |      |      |      |      |
|               | Fork lock-in position centre-centre (fork carriage 1200 mm) |                  | mm                               | 191/368/572/673/876/978       |          |      |      |      |           |      | 191/368/470/572/673/876/978       |      |          |      |      |      |      |      |
|               | Fork lock-in position centre-centre (fork carriage 1310 mm) |                  | mm                               | 191/368/572/673/978/1080      |          |      |      |      |           |      | 191/368/470/572/673/978/1080      |      |          |      |      |      |      |      |
|               | Fork lock-in position centre-centre (fork carriage 1410 mm) |                  | mm                               | 191/368/572/673/876/1080/1181 |          |      |      |      |           |      | 191/368/470/572/673/876/1080/1181 |      |          |      |      |      |      |      |
|               | Tyres                                                       | rear             |                                  | 200/75-9 (21x8-9)             |          |      |      |      |           |      | 200/75-9 (21x8-9)                 |      |          |      |      |      |      |      |
|               | Track                                                       | front/rear       | b <sub>10</sub> /b <sub>11</sub> | mm                            | 1095/920 |      |      |      | 1104/920  |      |                                   |      | 1104/920 |      |      |      |      |      |
| Tyres         | front                                                       |                  | 200/75-9 (21x8-9)                |                               |          |      |      |      | 355/50-15 |      | 355/50-15                         |      |          |      |      |      |      |      |
| Maximum width | b <sub>1</sub>                                              | mm               | 1320                             |                               |          |      |      |      | 1399      |      | 1399                              |      |          |      |      |      |      |      |

|                                                    |                                                             |                  |                                  |                               |          |      |      |      |      |           |                                   |          |      |      |      |      |      |      |
|----------------------------------------------------|-------------------------------------------------------------|------------------|----------------------------------|-------------------------------|----------|------|------|------|------|-----------|-----------------------------------|----------|------|------|------|------|------|------|
| RX 60-40/600 - RX 60-45<br>RX 60-45/600 - RX 60-50 | Nominal lift                                                | h <sub>3</sub>   | mm                               | 2980                          | 3180     | 3480 | 3680 | 4080 | 4480 | 4880      | 4030                              | 4330     | 4630 | 5080 | 5380 | 5980 | 6580 | 7180 |
|                                                    | Height                                                      | h <sub>1</sub>   | mm                               | 2300                          | 2400     | 2550 | 2650 | 2850 | 3050 | 3250      | 2150                              | 2250     | 2350 | 2500 | 2600 | 2800 | 3000 | 3200 |
|                                                    | Free lift 4 roller fork carriage                            | h <sub>2</sub>   | mm                               | 160                           |          |      |      |      |      |           | 1390                              | 1490     | 1590 | 1740 | 1840 | 2040 | 2240 | 2440 |
|                                                    | Height, mast raised, 4 roller fork carriage                 | h <sub>4</sub>   | mm                               | 3762                          | 3962     | 4262 | 4462 | 4862 | 5262 | 5662      | 4835                              | 5135     | 5435 | 5885 | 6185 | 6785 | 7385 | 7985 |
|                                                    | Free lift 6 roller fork carriage                            |                  | mm                               | 160                           |          |      |      |      |      |           | 1238                              | 1338     | 1438 | 1588 | 1688 | 1888 | 2088 | 2288 |
|                                                    | Height, mast raised, 6 roller fork carriage                 | h <sub>4</sub>   | mm                               | 3987                          | 4187     | 4487 | 4687 | 5087 | 5487 | 5887      | 4987                              | 5287     | 5587 | 6037 | 6337 | 6937 | 7537 | 8137 |
|                                                    | Tilt angle                                                  | forward/backward | α/β                              | °                             | 7/7      |      |      |      |      |           |                                   | 7/7      |      |      |      |      |      |      |
|                                                    | Fork lock-in position centre-centre (fork carriage 1200 mm) |                  | mm                               | 191/368/572/673/876/978       |          |      |      |      |      |           | 191/368/470/572/673/876/978       |          |      |      |      |      |      |      |
|                                                    | Fork lock-in position centre-centre (fork carriage 1310 mm) |                  | mm                               | 191/368/572/673/978/1080      |          |      |      |      |      |           | 191/368/470/572/673/978/1080      |          |      |      |      |      |      |      |
|                                                    | Fork lock-in position centre-centre (fork carriage 1410 mm) |                  | mm                               | 191/368/572/673/876/1080/1181 |          |      |      |      |      |           | 191/368/470/572/673/876/1080/1181 |          |      |      |      |      |      |      |
|                                                    | Tyres                                                       | rear             |                                  | 200/75-9 (21x8-9)             |          |      |      |      |      |           | 200/75-9 (21x8-9)                 |          |      |      |      |      |      |      |
|                                                    | Track                                                       | front/rear       | b <sub>10</sub> /b <sub>11</sub> | mm                            | 1104/920 |      |      |      |      |           |                                   | 1104/920 |      |      |      |      |      |      |
| Tyres                                              | front                                                       |                  | 355/50-15                        |                               |          |      |      |      |      | 355/50-15 |                                   |          |      |      |      |      |      |      |
| Maximum width                                      | b <sub>1</sub>                                              | mm               | 1399                             |                               |          |      |      |      |      | 1399      |                                   |          |      |      |      |      |      |      |

|              |                                                             |                  |                                  |                               |          |      |      |      |      |      |                                   |          |      |      |      |      |      |      |
|--------------|-------------------------------------------------------------|------------------|----------------------------------|-------------------------------|----------|------|------|------|------|------|-----------------------------------|----------|------|------|------|------|------|------|
| RX 60-50/600 | Nominal lift                                                | h <sub>3</sub>   | mm                               | 2780                          | 2980     | 3280 | 3480 | 3880 | 4280 | 4680 | 3730                              | 4030     | 4330 | 4780 | 5080 | 5680 | 6280 | 6880 |
|              | Height                                                      | h <sub>1</sub>   | mm                               | 2300                          | 2400     | 2550 | 2650 | 2850 | 3050 | 3250 | 2150                              | 2250     | 2350 | 2500 | 2600 | 2800 | 3000 | 3200 |
|              | Free lift 6 roller fork carriage                            |                  |                                  | 160                           |          |      |      |      |      |      | 1138                              | 1238     | 1338 | 1488 | 1588 | 1788 | 1988 | 2188 |
|              | Height, mast raised, 6 roller fork carriage                 | h <sub>4</sub>   | mm                               | 3887                          | 4087     | 4387 | 4587 | 4987 | 5387 | 5787 | 4787                              | 5087     | 5387 | 5837 | 6137 | 6737 | 7337 | 7937 |
|              | Tilt angle                                                  | forward/backward | α/β                              | °                             | 7/5      |      |      |      |      |      |                                   | 7/5      |      |      |      |      |      |      |
|              | Fork lock-in position centre-centre (fork carriage 1310 mm) |                  | mm                               | 191/368/572/673/978/1080      |          |      |      |      |      |      | 191/368/470/572/673/978/1080      |          |      |      |      |      |      |      |
|              | Fork lock-in position centre-centre (fork carriage 1410 mm) |                  | mm                               | 191/368/572/673/876/1080/1181 |          |      |      |      |      |      | 191/368/470/572/673/876/1080/1181 |          |      |      |      |      |      |      |
|              | Tyres                                                       | rear             |                                  | 225/75-10 (23x9-10)           |          |      |      |      |      |      | 225/75-10 (23x9-10)               |          |      |      |      |      |      |      |
|              | Track                                                       | front/rear       | b <sub>10</sub> /b <sub>11</sub> | mm                            | 1104/932 |      |      |      |      |      |                                   | 1104/932 |      |      |      |      |      |      |
|              | Tyres                                                       | front            |                                  | 355/50-15                     |          |      |      |      |      |      | 355/50-15                         |          |      |      |      |      |      |      |
|              | Maximum width                                               | b <sub>1</sub>   | mm                               | 1399                          |          |      |      |      |      |      | 1399                              |          |      |      |      |      |      |      |

## RX 60-35/50 Electric Forklift Truck

Everything. Except emissions.

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Exceptional performance with handling performance at the highest level in its class

Optimal availability: Highest range with one battery charge

Ideal workstation: Spacious cabin with STILL Easy Control on-board computer



Make the most of the smart performance of an exceptional accelerator. Right from the start the RX 60-35/600 to RX 60-50/600 will win over any operator with its perfect balance of power, ergonomics, manoeuvrability and energy consumption. The 20 km/h intralogistics powerhouse is a true wonder in this segment in terms of the range per battery charge. At the same time, the RX 60-35/600 to RX 60-50/600 impresses with a handling performance at the highest level in the weight class of up to 5.0 tonnes. Moreover, choose our STILL lithium-ion technology and you can even handle three-shift operations without the need for a replacement battery.

Whatever your needs, the RX 60 can be operated intuitively and precisely in any situation. And thanks to the quick-start mode, this nimble truck is ready to start work as soon as you sit down in the spacious driver's cab. Here, you will also find yet another outstanding feature – the STILL Easy Control on-board computer. This tool gives you direct access to key performance functions and provides a constant overview of all the relevant vehicle information. Go electric with a forklift truck that delivers the very best performance every second and in every application.

### The 'Simply Efficient' factors: Performance attributes as a measure of economic efficiency

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#### Simply easy

- Intuitive handling: Standard, easy-to-use operating concept across the whole RX product line
- Efficiency-enhancing: Easy entry into a highly ergonomic driver's cab
- STILL Easy Control on-board computer: All relevant information at a glance and performance functions just a click away
- Ultra-fast: Easy-to-operate lateral battery change



#### Simply powerful

- Intralogistics powerhouse: Handling performance at the highest level in its class
- Performance boost: Sprint mode for peak performance at the touch of a button
- Optimum energy efficiency: Exceptionally long range with each battery charge
- Lift and accelerate faster than ever: Available as a high performance variant with extra-powerful drive and lift motors
- Intelligent support: Traction control and other assistance functions
- Ready at all times: Optional STILL lithium-ion technology for maximum availability



#### Simply safe

- Safe and precise handling: High-precision hydraulics and agile driving dynamics
- Safe entry: Large handle, anti-slip rubber mat and wide step
- Optimal panoramic view: Slim mast and extra-large windows
- Systematic safety: Optional pre-shift check on the display to help with the daily safety inspection
- Safety for every application: Wide range of additional equipment options – from a direction indicator on the display to the Safety Light 4Plus safety lighting, as well as Curve Speed Control for automatic speed reduction when cornering



#### Simply flexible

- Flexible control options: Multi-lever, mini-lever, Fingertip or Joystick 4Plus
- Adjustable performance dynamics: Parameters such as driving and lifting speed can be adjusted to personal preferences at the touch of a button
- Operating power tailored to your specifications: Wide variety of equipment options for every application



#### Simply connected

- Optimum networking: Optional interface for integration into fleet management software such as STILL neXXt fleet
- Controlled use: Optional access control protects against incorrect operation

## RX 60-35/50 Electric Forklift Truck

### Equipment Variants



|              |                                                                                                                                                      | RX 60-35/600<br>RX 60-40 | RX 60-40/600<br>RX 60-45<br>RX 60-45/600<br>RX 60-50 | RX 60-50/600 |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------------------|--------------|
| Driver's cab | Low operating costs due to low energy consumption and long service intervals                                                                         | ●                        | ●                                                    | ●            |
|              | Weather-protected, canvas or full cab                                                                                                                | ○                        | ○                                                    | ○            |
|              | Raised driver's cab for optimal visibility of bulky loads, e.g. in the beverage sector*                                                              | ○                        | ○                                                    | ○            |
|              | Tinted front windscreen, rear and roof windows made of either green-tinted or Makrolon laminated safety glass, plus windscreen wiper and wash system | ○                        | ○                                                    | ○            |
|              | Built-in storage and drink holder                                                                                                                    | ●                        | ●                                                    | ●            |
|              | Splash-proof operating unit featuring display, function buttons and menu navigation                                                                  | ●                        | ●                                                    | ●            |
|              | Pad with clipboard (removable)                                                                                                                       | ○                        | ○                                                    | ○            |
|              | MSG 65 Grammer seat with leatherette cover                                                                                                           | ●                        | ●                                                    | ●            |
|              | Seat with textile cover, airsprung, leatherette cover, lumbar support, height-adjustable back extension, heated seat                                 | ○                        | ○                                                    | ○            |
|              | Swivel seat can be rotated to the right                                                                                                              | ○                        | ○                                                    | ○            |
|              | Grab handle on front and back of protective roof                                                                                                     | ●                        | ●                                                    | ●            |
|              | Grab handle on back of protective roof with horn                                                                                                     | ○                        | ○                                                    | ○            |
|              | Horizontal spring plate for driver's seat to minimise human vibrations                                                                               | ○                        | ○                                                    | ○            |
|              | Radio/MP3 player with USB connection and Bluetooth                                                                                                   | ○                        | ○                                                    | ○            |
|              | High-performance 2000-W electric heating incl. defrosting blaster                                                                                    | ○                        | ○                                                    | ○            |
|              | Air conditioning                                                                                                                                     | ○                        | ○                                                    | ○            |
|              | Dual-pedal control                                                                                                                                   | ○                        | ○                                                    | ○            |
|              | Adjustable roof window for instant cabin ventilation                                                                                                 | ○                        | ○                                                    | ○            |
|              | Clamp mount for mobile phone, adjustably mounted on the overhead guard bar                                                                           | ○                        | ○                                                    | ○            |
|              | Storage box above the counterweight                                                                                                                  | ○                        | ○                                                    | ○            |
| Mast         | Panoramic armoured glass window                                                                                                                      | ○                        | ○                                                    | ○            |
|              | Free view mast available in telescopic and triplex versions                                                                                          | ○                        | ○                                                    | ○            |
|              | Load backrest                                                                                                                                        | ○                        | ○                                                    | ○            |
|              | Mast vertical position at the push of a button                                                                                                       | ○                        | ○                                                    | ○            |
|              | Hydraulic accumulator in the lifting cylinder to attenuate pressure peaks in the hydraulic system                                                    | ○                        | ○                                                    | ●            |
|              | Bellows protect the tilt cylinder from dust and moisture                                                                                             | ○                        | ○                                                    | ○            |
| Tyres        | Fork wear protection                                                                                                                                 | ○                        | ○                                                    | ○            |
|              | Display showing tilt angle and cushioned lowering in the tilt end positions                                                                          | ○                        | ○                                                    | ○            |
|              | Single tyres, superelastic, SIT system                                                                                                               | ●                        | ●                                                    | ●            |
| Hydraulics   | Single tyres, natural colours, superelastic, SIT system                                                                                              | ○                        | ○                                                    | ○            |
|              | Twin tyres, superelastic, SIT system, black or natural colours                                                                                       | ○                        | ○                                                    | ○            |
|              | Proportional valve technology for especially sensitive movements                                                                                     | ○                        | ○                                                    | ○            |
|              | Individual parametrisation options for hydraulic functions                                                                                           | ●                        | ●                                                    | ●            |
|              | Multi-lever operation                                                                                                                                | ●                        | ●                                                    | ●            |
|              | Armrest with mini-levers, Fingertip or Joystick 4Plus                                                                                                | ○                        | ○                                                    | ○            |
| Drives       | Cold store version with special low temperature oil                                                                                                  | ○                        | ○                                                    | ○            |
|              | Shake function for easy tipping of containers                                                                                                        | ○                        | ○                                                    | ○            |
|              | Three fixed and two freely configurable driving programs, Blue-Q energy saving mode                                                                  | ●                        | ●                                                    | ●            |
|              | High performance variant (plus)                                                                                                                      | ○                        | ○                                                    | ○            |
|              | Display showing energy consumption and remaining driving time based on current charge                                                                | ●                        | ●                                                    | ●            |
|              | Maintenance-free drives for driving, steering and lifting; components enclosed to protect against dust and moisture                                  | ●                        | ●                                                    | ●            |
| Brake        | Li-Ion battery exchangeable 1:1                                                                                                                      | ○                        | ○                                                    | ○            |
|              | Sprint mode for highest handling performance at the push of a button                                                                                 | ●                        | ●                                                    | ●            |
|              | Wear-free disc brakes that run in an oil bath                                                                                                        | ●                        | ●                                                    | ●            |
|              | Energy recovery when braking                                                                                                                         | ●                        | ●                                                    | ●            |
| Safety       | Automatic, electro-hydraulic parking brake                                                                                                           | ●                        | ●                                                    | ●            |
|              | Low centre of gravity and steering axle with high self-aligning bearing for optimum levels of safety                                                 | ●                        | ●                                                    | ●            |
|              | Protective grille roof                                                                                                                               | ○                        | ○                                                    | ○            |
|              | EasyBelt restraint system for quick and safe fastening and unfastening                                                                               | ○                        | ○                                                    | ○            |
|              | Sauerermann restraint system model Duo HRS-E/ERS or IWS restraint system with left-located strap opening                                             | ○                        | ○                                                    | ○            |
|              | Headlights and LED lighting performance                                                                                                              | ○                        | ○                                                    | ○            |
|              | LED floodlight headlights                                                                                                                            | ○                        | ○                                                    | ○            |
|              | Driver-adjusted speed limiter                                                                                                                        | ○                        | ○                                                    | ○            |
|              | STILL Safety Light 4Plus warning device                                                                                                              | ○                        | ○                                                    | ○            |
|              | Curve Speed Control                                                                                                                                  | ●                        | ●                                                    | ●            |
|              | Load measuring                                                                                                                                       | ○                        | ○                                                    | ○            |
|              | Panoramic mirror                                                                                                                                     | ○                        | ○                                                    | ○            |
|              | Ceiling sensor: Speed regulation for indoor and outdoor areas                                                                                        | ○                        | ○                                                    | ○            |
|              | Direction can be changed both left- and right-handed via mini-console                                                                                | ○                        | ○                                                    | ○            |
|              | FleetManager: Access authorisation, shock detection, reports                                                                                         | ○                        | ○                                                    | ○            |
|              | Overload detection                                                                                                                                   | ○                        | ○                                                    | ○            |
|              | Pre-shift check on the display for a guided safety check before starting to drive                                                                    | ○                        | ○                                                    | ○            |
|              | Intelligent seat belt control with logic check                                                                                                       | ●                        | ●                                                    | ●            |
|              | Rockinger trailer coupling                                                                                                                           | ○                        | ○                                                    | ○            |
|              | Approved for road use                                                                                                                                | ○                        | ○                                                    | ○            |
|              | Explosion-proof variant                                                                                                                              | ○                        | ○                                                    | ○            |
|              | Safety Zone Light: Warning light bars on the left and right of the vehicle                                                                           | ○                        | ○                                                    | ○            |

● Standard ○ Option

\* Available from 01.04.2021



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STILL is certified in the following areas: Quality management, occupational safety, environmental protection and energy management.



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