



RX 60-25

RX 60-30

RX 60-35

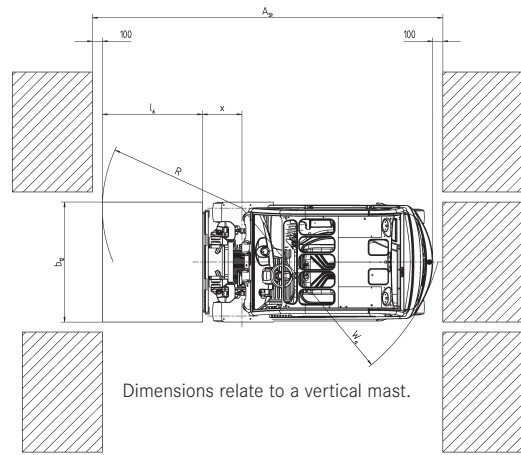
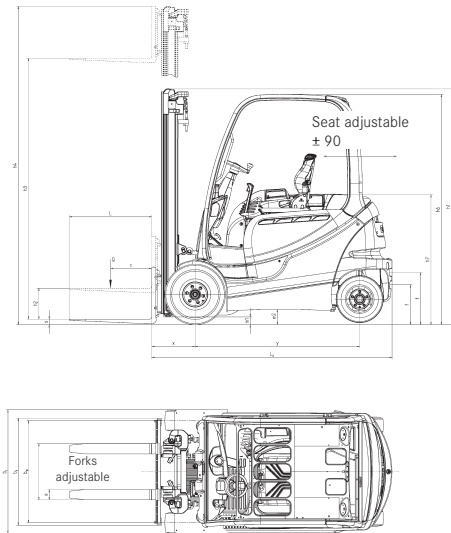
RX 60 Technical data.

Electric forklift trucks.



This specification sheet to VDI Guidelines 2198 only gives the technical figures for the standard truck.
Different tyres, other masts, additional equipment etc. could give different figures.

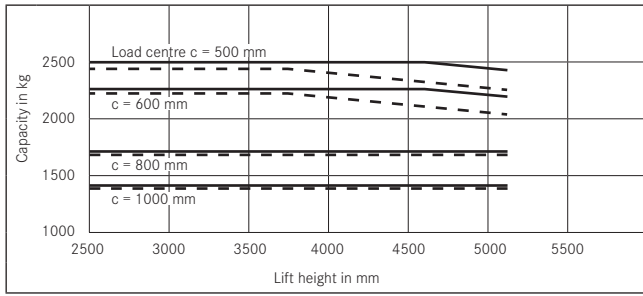
| | | STILL | STILL | STILL | STILL | STILL | | |
|------------------|--|--|-----------------|----------------|---------------|---------------|-------------|------|
| Characteristics | 1.1 | Manufacturer | | | | | | |
| | 1.2 | Manufacturer's model designation | | RX 60-25 | RX 60-25L | RX 60-30 | | |
| | 1.3 | Truck type | | Electric | Electric | Electric | | |
| | 1.4 | Operation | | Rider seated | Rider seated | Rider seated | | |
| | 1.5 | Capacity | Q | t | 2.5 | 2.5 | 3.0 | |
| | 1.6 | Load centre | c | mm | 500 | 500 | 500 | |
| | 1.8 | Load distance | x | mm | 420 | 420 | 440 | |
| | 1.9 | Wheel base | y | mm | 1595 | 1740 | 1650 | |
| | 1.9 | Wheel base | | | 1595 | 1740 | 1650 | |
| Weights | 2.1 | Truck weight | | kg | 4651 | 4977 | 5152 | |
| | 2.2 | Axle load, laden, front | | kg | 6335 | 6390 | 7290 | |
| | 2.2.1 | Axle load, laden, rear | | kg | 816 | 1086 | 861 | |
| | 2.3 | Axle load, unladen, front | | kg | 2393 | 2568 | 2581 | |
| | 2.3.1 | Axle load, unladen, rear | | kg | 2258 | 2408 | 2570 | |
| Wheel chassis | 3.1 | Tyres | | | SE | SE | SE | |
| | 3.2 | Tyre size, front | | | 23 x 9-10 | 23 x 9-10 | 23 x 10-12 | |
| | 3.3 | Tyre size, rear | | | 18 x 7-8 | 18 x 7-8 | 18 x 7-8 | |
| | 3.5 | Number of wheels front (x=driven) | | | 2x | 2x | 2x | |
| | 3.5.1 | Number of wheels rear (x=driven) | | | 2 | 2 | 2 | |
| | 3.6 | Track width, front | b ₁₀ | mm | 992 | 992 | 950 | |
| | 3.7 | Track width, rear | b ₁₁ | mm | 900 | 900 | 900 | |
| Basic dimensions | 4.1 | Tilt Mast/Fork carriage, forward | | ° | 3 | 3 | 3 | |
| | 4.1.1 | Tilt Mast/Fork carriage, back | | ° | 9 | 9 | 9 | |
| | 4.2 | Height, mast lowered | h ₁ | mm | 2175 | 2175 | 2175 | |
| | 4.3 | Free lift | h ₂ | mm | 160 | 160 | 160 | |
| | 4.4 | Lift | h ₃ | mm | 3020 | 3020 | 3020 | |
| | 4.5 | Height, mast raised | h ₄ | mm | 3650 | 3650 | 3800 | |
| | 4.7 | Height over overhead guard (cab) | h ₆ | mm | 2210 | 2209 | 2212 | |
| | 4.8 | Seat/Platform height (SRP) | h ₇ | mm | 1139 | 1138 | 1141 | |
| | 4.12 | Coupling height | h ₁₀ | mm | 485/365 | 484/364 | 487/367 | |
| | 4.19 | Overall length | l ₁ | mm | 3328 | 3473 | 3403 | |
| | 4.20 | Length including fork backs l ₂ | l ₂ | mm | 2328 | 2473 | 2403 | |
| | 4.21 | Overall width | b ₁ | mm | 1199 | 1199 | 1198 | |
| | 4.22.1 | Fork thickness | s | mm | 40 | 40 | 50 | |
| | 4.22.2 | Fork width | e | mm | 100 | 100 | 100 | |
| | 4.22.3 | Fork length | l | mm | 1000 | 1000 | 1000 | |
| | 4.23 | Fork carriage DIN 15173, Class/Form A, B | | | II/A | II/A | III/A | |
| | 4.24 | Fork carriage width | b ₃ | mm | 1040 | 1040 | 1100 | |
| 4.31 | Floor clearance under mast, laden | m ₁ | mm | 125 | 125 | 125 | | |
| 4.32 | Floor clearance, centre of wheel-base | m ₂ | mm | 125 | 124 | 127 | | |
| 4.33 | Working aisle - 1000 x 1200 pallet crosswise | A _{st} | mm | 3654 | 3805 | 3735 | | |
| 4.34 | Working aisle - 800 x 1200 pallet lengthways | A _{st} | mm | 3852 | 4005 | 3935 | | |
| 4.35 | Turning radius | W _a | mm | 2032 | 2185 | 2095 | | |
| 4.36 | Smallest pivot point distance | b ₁₃ | mm | 539 | 590 | 570 | | |
| Performance data | 5.1 | Travel speed laden | | km/h | 19 | 19 | 19 | |
| | 5.1.1 | Travel speed unladen | | km/h | 20 | 20 | 20 | |
| | 5.2 | Hoist speed laden | | m/s | 0.46 | 0.45 | 0.40 | |
| | 5.2.1 | Hoist speed unladen | | m/s | 0.55 | 0.55 | 0.55 | |
| | 5.3 | Lowering speed laden | | m/s | 0.52 | 0.52 | 0.52 | |
| | 5.3.1 | Lowering speed unladen | | m/s | 0.45 | 0.45 | 0.45 | |
| | 5.5 | Drawbar pull laden | | N | 8000 | 7940 | 7680 | |
| | 5.5.1 | Drawbar pull unladen | | N | 8110 | 8050 | 8040 | |
| | 5.6 | Max. drawbar pull laden | | N | 17440 | 17390 | 17050 | |
| | 5.6.1 | Max. drawbar pull unladen | | N | 17220 | 17210 | 17240 | |
| | 5.7 | Gradeability laden | | % | 21.3 | 20.3 | 18.1 | |
| | 5.7.1 | Gradeability unladen | | % | 29.5 | 30.2 | 29.0 | |
| | 5.8 | Max. gradeability laden | | % | 25.5 | 24.2 | 21.7 | |
| | 5.8.1 | Max. gradeability unladen | | % | 29.7 | 30.2 | 29.0 | |
| 5.9 | Acceleration time laden | | s | 4.5 | 4.6 | 4.7 | | |
| 5.9.1 | Acceleration time unladen | | s | 4.2 | 4.2 | 4.2 | | |
| 5.10 | Service brake | | | electr./mech. | electr./mech. | electr./mech. | | |
| E-Motor | 6.1 | Drive motor, 60 minute rating | | kW | 15 | 15 | 15 | |
| | 6.2 | Hoist motor 15% rating | | kW | 16.3 | 16.3 | 16.3 | |
| | 6.3 | Battery to DIN 43531/35/36 A, B, C, No | | | DIN 43536 A | DIN 43536 A | DIN 43536 A | |
| | 6.4 | Battery voltage | | U | V | 80 | 80 | 80 |
| | 6.4.1 | Battery capacity | | K ₅ | Ah | 560 | 700 | 560 |
| | 6.5 | Battery weight | | | kg | 1558 | 1863 | 1558 |
| | 6.6 | Energy consumption 60 VDI work cycles/hour | | | kWh/h | 6.70 | 7.20 | 7.50 |
| Miscellaneous | 8.1 | Drive control | | | | | | |
| | 8.2 | Working pressure for attachments | | bar | 250 | 250 | 250 | |
| | 8.3 | Oil flow for attachments | | l/min | 30 | 30 | 30 | |
| | 8.4 | Sound level at driver's ear | | dB(A) | | | | |
| | 8.5 | Towing coupler, Type/Model DIN | | | Pin | Pin | Pin | |



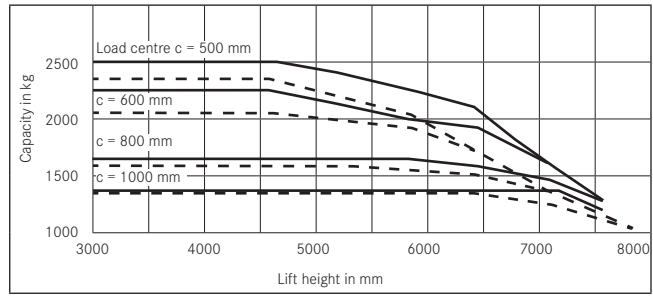
Dimensions relate to a vertical mast.

| | | | Tele mast | HiLo mast | Triplex mast | |
|-------------------------------|----------------------------------|-------------------------------------|---|-------------------------------------|-------------------------|-------------|
| RX 60 - 25 | Rated lift | h ₃ mm | 2320 - 5120 | 2500 - 4800 | 3580 - 5080 | 5230 - 7780 |
| | Overall height | h ₁ mm | 1825 - 3225 | 1825 - 2975 | 1825 - 2325 | 2375 - 3225 |
| | Free lift Form "A" | h ₂ mm | 160 | 1240 - 2390 | 1240 - 1740 | 1790 - 2640 |
| | Free lift Form "B" | h ₂ mm | 160 | 1195 - 2345 | 1195 - 1695 | 1745 - 2595 |
| | Greatest height Form "A" | h ₄ mm | 2950 - 5750 | 3090 - 5250 | 4185 - 5685 | 5835 - 8385 |
| | Greatest height Form "B" | h ₄ mm | 2980 - 5780 | 3160 - 5280 | 4255 - 5755 | 5905 - 8455 |
| | Forward tilt | a ° | 3 | | 3 | |
| | Back tilt | b ° | 9 (7 with front screen) | | 9 (7 with front screen) | |
| | Load distance | x mm | 420 | | 445 | |
| | Tyres | v/h | 23x9-10 // 18x7-8 | | 23x9-10 // 18x7-8 | |
| | Greatest width | B mm | 1199 (from 2825 o.a.h; 1303) | | 1199 | 1303 |
| | Track | v/h mm | 992//900 (from 2775 o.a.h; 1096/900) | | 992//900 | 1096//900 |
| | Fork locations, centre to centre | mm | 216/368/445/521/673/(820)/(826)/(970)/(1050) | | | |
| | Overall length RX 60-25 | L ₂ mm | 2328 | | 2353 | |
| Overall length RX 60-25L | L ₂ mm | 2473 | | 2498 | | |
| Working aisle width RX 60-25 | A _{st} mm | (1000x1200) 3654 // (1200x800) 3852 | | (1000x1200) 3678 // (1200x800) 3877 | | |
| Working aisle width RX 60-25L | A _{st} mm | (1000x1200) 3805 // (1200x800) 4005 | | (1000x1200) 3830 // (1200x800) 4030 | | |
| RX 60 - 30 | Rated lift | h ₃ mm | 2320 - 5120 | 2390 - 4690 | 3430-7630 | |
| | Overall height | h ₁ mm | 1825 - 3225 | 1825 - 2975 | 1825 - 3225 | |
| | Free lift Form "A" | h ₂ mm | 160 | 1190 - 2340 | 1190 - 2590 | |
| | Free lift Form "B" | h ₂ mm | 160 | 1045 - 2195 | 1045-2445 | |
| | Greatest height Form "A" | h ₄ mm | 3100 - 5900 | 3080 - 5380 | 4110 - 8310 | |
| | Greatest height Form "B" | h ₄ mm | 3130 - 5930 | 3200 - 5500 | 4275 - 8475 | |
| | Forward tilt | a ° | 3 | | 3 | |
| | Back tilt | b ° | 9 (7 with front screen) | | 9 (7 with front screen) | |
| | Load distance | x mm | 440 | | 465 | |
| | Tyres | v/h | 23x10-12 // 18x7-8 | | 23x10-12 // 18x7-8 | |
| | Greatest width | B mm | 1198 (from 2775 o.a.h; 1298) | | 1298 | |
| | Track | v/h mm | 950//900 (from 2775 o.a.h; 1050/900) | | 1050//900 | |
| | Fork locations, centre to centre | mm | 216/368/445/521/673/796/876/(978)/(1080)/(1181) | | | |
| | Overall length RX 60-30 | L ₂ mm | 2403 | | 2428 | |
| Overall length RX 60-30L | L ₂ mm | 2493 | | 2518 | | |
| Working aisle width RX 60-30 | A _{st} mm | (1000x1200) 3735 // (1200x800) 3935 | | (1000x1200) 3760 // (1200x800) 3960 | | |
| Working aisle width RX 60-30L | A _{st} mm | (1000x1200) 3825 // (1200x800) 4025 | | (1000x1200) 3850 // (1200x800) 4050 | | |
| RX 60 - 35 | Rated lift | h ₃ mm | 2120 - 4920 | 2190 - 4290 | 3130 - 7330 | |
| | Overall height | h ₁ mm | 1825 - 3225 | 1825 - 2875 | 1825 - 3225 | |
| | Free lift Form "A" | h ₂ mm | 160 | 1090 - 2140 | 1090 - 2490 | |
| | Free lift Form "B" | h ₂ mm | 160 | 1045 - 2095 | 1045 - 2445 | |
| | Greatest height Form "A" | h ₄ mm | 3000 - 5800 | 2955 - 5055 | 3810 - 8010 | |
| | Greatest height Form "B" | h ₄ mm | 3030 - 5830 | 3000 - 5100 | 3975 - 8175 | |
| | Forward tilt | a ° | 3 | | 3 | |
| | Back tilt | b ° | 9 (7 with front screen) | | 9 (7 with front screen) | |
| | Load distance | x mm | 440 | | 465 | |
| | Tyres | v/h | 315/45-12 // 18x7-8 | | 315/45-12 // 18x7-8 | |
| | Greatest width | B mm | 1400 | | 1400 | |
| | Track | v/h mm | 1002 // 900 | | 1100 // 900 | |
| | Fork locations, centre to centre | mm | 216/368/445/521/673/796/876/(978)/(1080)/(1181) | | | |
| | Overall length RX 60-35 | L ₂ mm | 2523 | | 2548 | |
| Working aisle width RX 60-35 | L ₂ mm | (1000x1200) 3854 // (1200x800) 4054 | | (1000x1200) 3879 // (1200x800) 4079 | | |

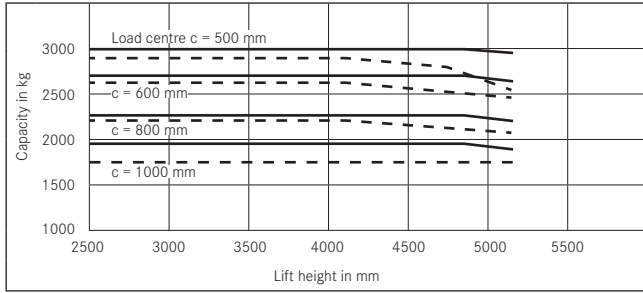
Capacities RX 60-25L Tele/HiLo mast



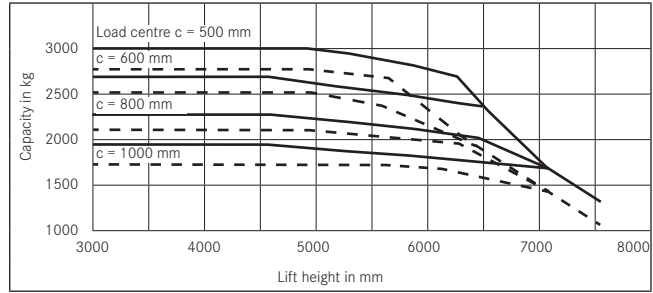
Capacities RX 60-25 with triplex mast



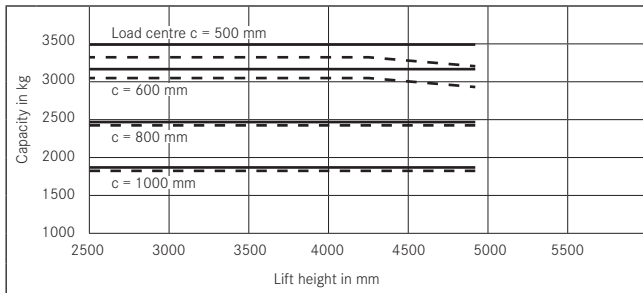
Capacities RX 60-30L Tele/HiLo mast



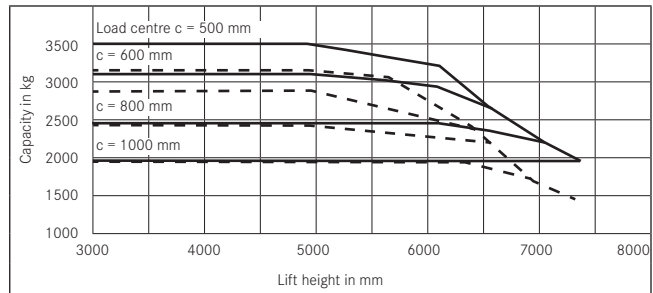
Capacities RX 60-30 with triplex mast



Capacities RX 60-35 Tele/HiLo mast



Capacities RX 60-35 with triplex mast



— without Sideshifter
 - - - with Sideshifter

Gradients maximum distance that can be driven in 60 minutes

Example
 An RX 60-25 with a load of 2500 kg and a gradient of 10% can drive a distance of 600m 10 times per hour

| Unladen | | RX 60-25 | RX 60-25L | RX 60-30 | RX 60-30L | RX 60-35 |
|---------|-----|----------|-----------|----------|-----------|----------|
| | | 25% | 3770 m | 3320 m | 3020 m | 3020 m |
| | 20% | 5340 m | 5110 m | 5030 m | 5030 m | 4090 m |
| | 15% | 6480 m | 6180 m | 5990 m | 5990 m | 5810 m |
| | 10% | 8280 m | 7900 m | 7710 m | 7890 m | 7260 m |
| | 5% | 12400 m | 11480 m | 11690 m | 11680 m | 10880 m |

| Laden | | RX 60-25 | RX 60-25L | RX 60-30 | RX 60-30L | RX 60-35 |
|-------|-----|----------|-----------|----------|-----------|----------|
| | | 20% | 2670 m | 1790 m | 1400 m | 1400 m |
| | 15% | 4590 m | 3740 m | 2940 m | 2940 m | 2090 m |
| | 10% | 6000 m | 5790 m | 5450 m | 5450 m | 5040 m |
| | 5% | 8950 m | 8600 m | 8200 m | 8200 m | 7570 m |

(dry rough concrete surface = Coefficient of friction 0.80)



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