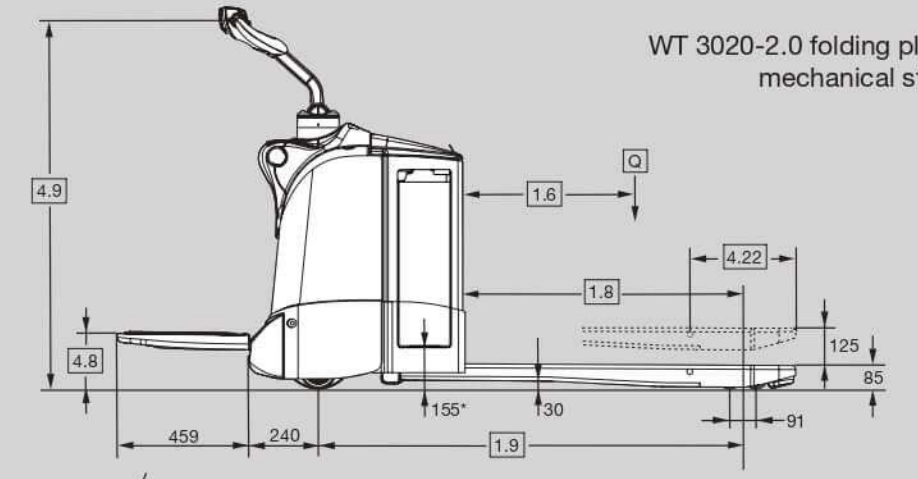
# WT 3000 SERIES

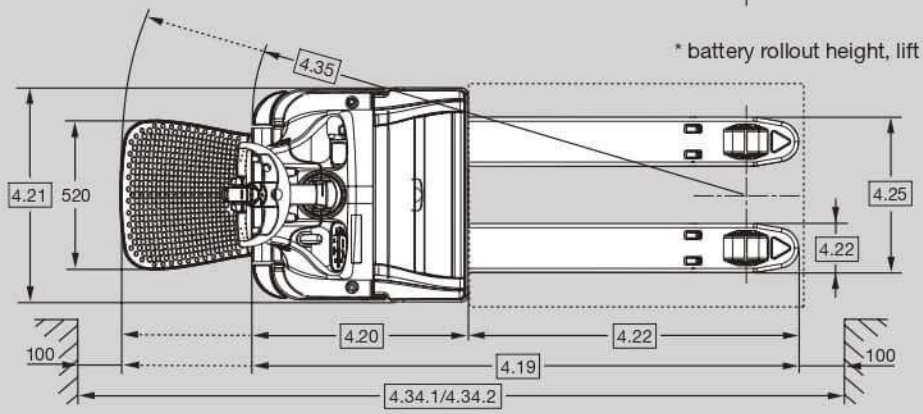
## Specifications

Rider Pallet Truck

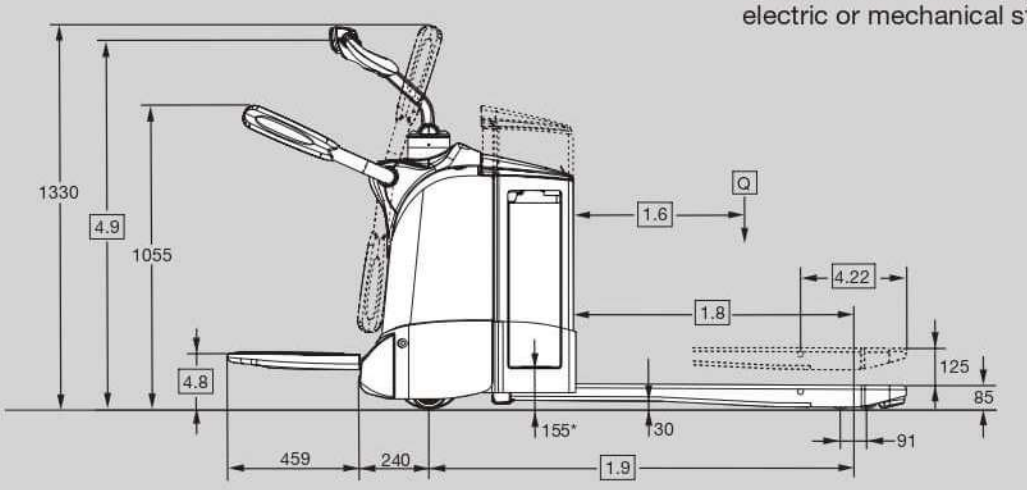
WT 3020-2.0 folding platform
mechanical steering



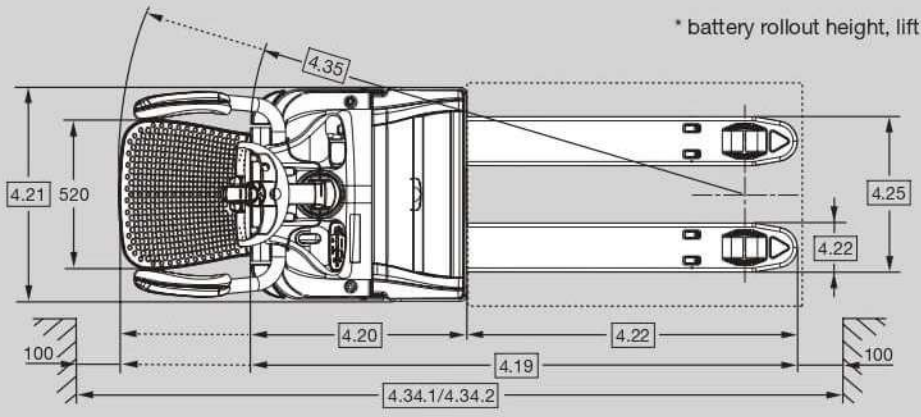

* battery rollout height, lift lowered



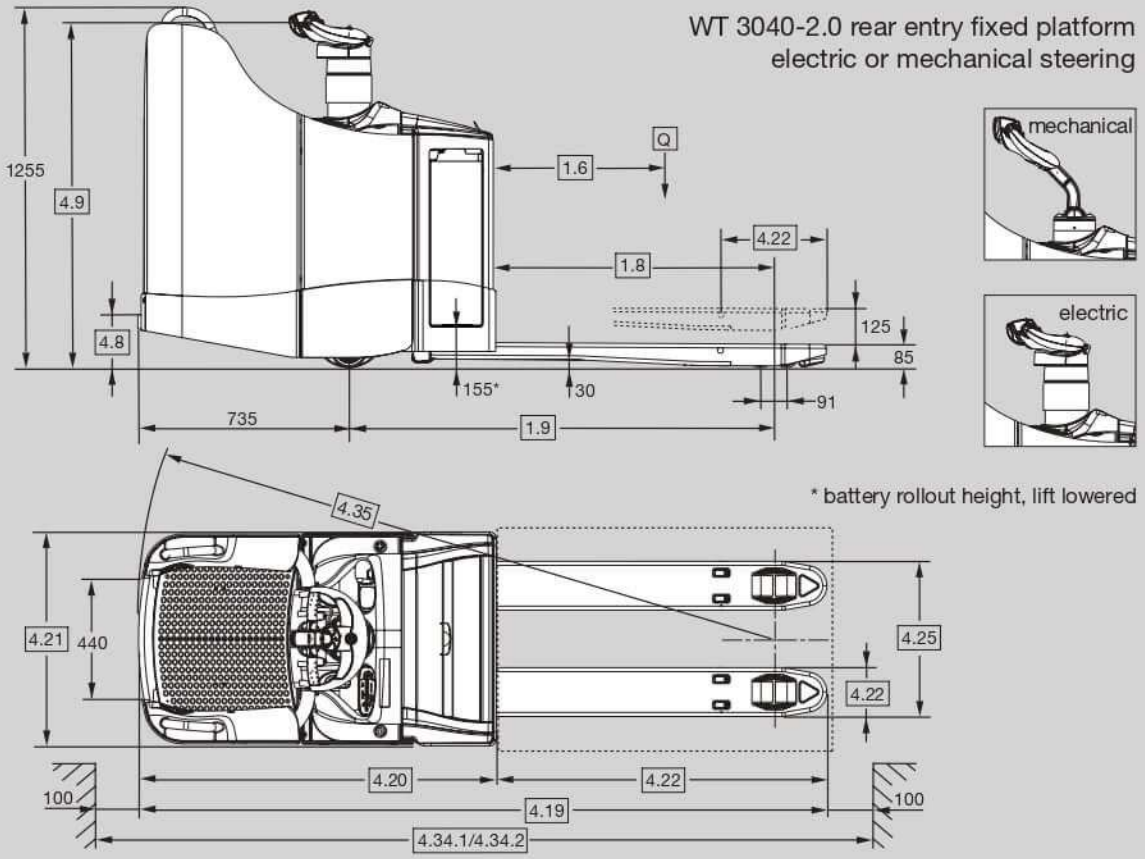

WT 3040-2.0 folding platform
electric or mechanical steering




* battery rollout height, lift lowered

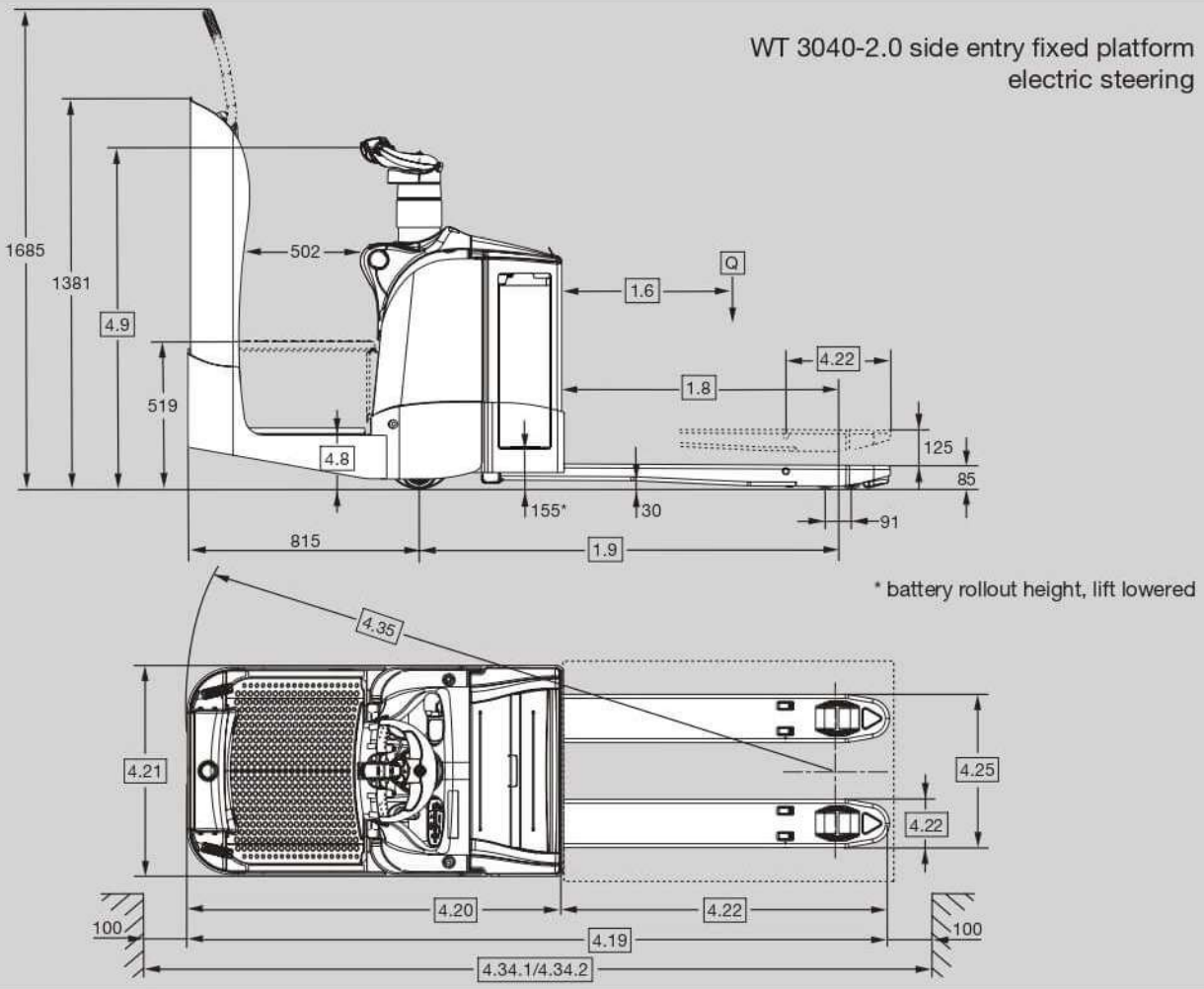


WT 3040-2.0 rear entry fixed platform
electric or mechanical steering




* battery rollout height, lift lowered

WT 3040-2.0 side entry fixed platform
electric steering




* battery rollout height, lift lowered

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Destinguishing Mark | 1.1 | **Manufacturer** | | | | Crown Equipment Corporation | | | | | | |
| | 1.2 | **Model** | | | | WT 3020-2.0 | WT 3040-2.0 | | | | | |
| | | | steering type | | | mechanical | | | electric | | | |
| | | | platform type | | | folding | folding | rear entry | folding | rear entry | side entry | |
| | 1.3 | **Power Source** | | | | electric | | | | | | |
| | 1.4 | **Operator Type** | | | | standing | | | | | | |
| | 1.5 | **Rated Capacity** | | Q | t | 2.0 | | | | | | |
| | 1.6 | **Load Centre** | | c | mm | see table 1 | see table 2 | | | | | |
| | 1.8 | **Load Distance** | raised | x | mm | see table 1 | see table 2 | | | | | |
| | 1.9 | **Wheelbase** | raised | y | mm | see table 1 | see table 2 | | | | | |
| | 2.1 | **Service Weight** | less battery | | kg | see table 1 | see table 2 | | | | | |
| | 2.2 | **Axle Load** | with load, front / rear | | kg | see table 1 | see table 2 | | | | | |
| | 2.3 | **Axle Load** | without load, front / rear | | kg | see table 1 | see table 2 | | | | | |
| Tyres/Wheels/Chassis | 3.1 | **Tyres** | | | | Vulkollan | | | | | | |
| | 3.2 | **Tyre Size** | front | | mm | Ø 230 x 70 | Ø 230 x 70 | | Ø 250 x 75 | | | |
| | 3.3 | **Tyre Size** | rear | | mm | Ø 82 x 110 | | | | | | |
| | 3.4 | **Additional Wheels** | castor wheel ***** | | mm | Ø 125 x 50 | | | | | | |
| | 3.5 | **Wheels** | number front/rear (x=driven wheels) | | | 1x + 2/2 | | | | | | |
| | 3.6 | **Tread** | front | b10 | mm | 512 | | | | | | |
| | 3.7 | **Tread** | rear | b11 | mm | 350 / 370 / 390 / 500 | | | | | | |
| Dimensions | 4.4 | **Lift Height** | | h3 | mm | 125 | | | | | | |
| | 4.8 | **Seat Height relating to SIP/Stand Height** | | h7 | mm | 186 | 186 | 197 | 186 | 197 | 197 | |
| | 4.9 | **Height Control Handle** | in driving position min./max. | h14 | mm | 1056/1359 | 1056/1359 | 1054/1323 | 1056/1359 | 1249 | 1249 | |
| | 4.15 | **Fork Height** | lowered | h13 | mm | 85 | | | | | | |
| | 4.19 | **Overall Length** | raised | l1 | mm | see table 1 | see table 2 | | | | | |
| | 4.20 | **Head Length** | raised | l2 | mm | see table 1 | see table 2 | | | | | |
| | 4.21 | **Overall Width** | | b1 | mm | 740 | | | | | | |
| | 4.22 | **Fork Dimensions** | DIN ISO 2331 | s/e/l | mm | 78 x 170 x 1150 | | | | | | |
| | 4.25 | **Fork Spread** | | b5 | mm | see table 1 | see table 2 | | | | | |
| | 4.32 | **Ground Clearance** | centre wheelbase | m2 | mm | 30 | | | | | | |
| | 4.34.1 | **Aisle Width** * for pallets 1000×1200 crossways, raised | | Ast | mm | 1891/2316 | 1967/2392 | – | 1967/2392 | – | – | |
| | 4.34.2 | **Aisle Width** ** for pallets 800×1200 lengthways, raised | | Ast | mm | 2091/2516 | 2167/2592 | 2626 | 2167/2592 | 2626 | 2718 | |
| | 4.35 | **Turning Radius** | raised | Wa | mm | see table 1 | see table 2 | | | | | |
| Performance Data | 5.1 | **Travel Speed** | with / without load, Power unit first | | km/h | 6.0 / 6.0 ◆ | 7.5 / 10.5 | | 10.0 / 12.5 | | | |
| | 5.1.1 | **Travel Speed Backwards** | with / without load, Forks first | | km/h | 6.0 / 6.0 ◆ | 7.5 / 10.5 | | 10.0 / 12.5 | | | |
| | 5.2 | **Lift Speed** | with / without load | | m/s | 0.04 / 0.06 | | | | | | |
| | 5.3 | **Lowering Speed** | with / without load | | m/s | 0.05 / 0.05 | | | | | | |
| | 5.8 | **Max. Gradeability** | with / without load, 5 min. rating | | % | 10 / 25 | | | 9 / 25 | | | |
| | 5.10 | **Service Brake** | | | | electric | | | | | | |
| Electric Motor | 6.1 | **Traction Motor** | rating at S2 60 min. / H-class | | kW | 3.0 | 4.0 | | | | | |
| | 6.2 | **Pump Motor** *** | rating at S3 15% | | kW | 1.3 (2.2) | 1.3 (2.2) | | | | | |
| | 6.3 | **Battery** | according to DIN 43531/35/36 A, B, C, no | | | B | | | | | | |
| | | **Max. Battery Box Size**** | | lxwxh | mm | 212x624x627 (284x624x627) | 284 x 624 x 627 (288 x 628 x 784) | | | | | |
| | 6.4 | **Battery Voltage** **** | nominal capacity 5h rating | | V/Ah | 24/230-250 (315-375) | 24 / 315-375 (420-465) | | | | | |
| | 6.5 | **Battery Weight** **** | min./max. | | kg | 201/223 (270/324) | 270 / 324 (382 / 439) | | | | | |
| | 8.1 | **Type of Controller** | drive | | | AC-transistor | | | | | | |
| | 10.7 | **Sound Pressure Level** | at the operator's seat | | dB(A) | ≤ 70 | | | | | | |

* Ast calculation based on standard truck configuration with 1000 mm fork length and 368 mm fork tip length, platform up/down

** Ast calculation based on standard truck configuration with 1150 mm fork length and 368 mm fork tip length, platform up/down or fixed platform

*** With fork lengths ≥1600 mm, use values in brackets

**** With optional larger battery compartment, use values in brackets

***** WT 3020 castor wheels are fixed type

◆ 7.5 / 8.5 km/h with optional side restraints

| Table 1 | | | | | WT 3020-2.0 folding platform, 250 Ah compartment | | |
|---|---|---|---|---|---|---|---|
| 1.6 | **Load Center** | | c | mm | 500 | 600 | 600 |
| 1.8 | **Load Distance** [1] | | x | mm | 740 | 890 | 940 |
| 1.9 | **Wheelbase** [2 4] | | y | mm | 1193 | 1343 | 1393 |
| 2.1 | **Service Weight** [5] | less battery | | kg | 551 | 556 | 558 |
| 2.2 | **Axle Load** [6] | with load | front | kg | 1024 | 1121 | 1128 |
| | | | rear | kg | 1751 | 1658 | 1653 |
| 2.3 | **Axle Load** [6] | without load | front | kg | 623 | 637 | 641 |
| | | | rear | kg | 151 | 142 | 140 |
| 4.19 | **Overall Length** [3 4] | platform up | $l_1$ | mm | 1693 | 1843 | 1893 |
| | | platform down | $l_1$ | mm | 2152 | 2302 | 2352 |
| 4.20 | **Head Length** [3 4] | platform up | $l_2$ | mm | 693 | | |
| | | platform down | $l_2$ | mm | 1152 | | |
| 4.22 | **Fork Dimensions DIN ISO 2331** | | s x e | mm | 78 x 170 | | |
| | **Fork Length** | | l | mm | **1000** | **1150** | **1200** |
| | **Fork Tip Length** | | | mm | 368 | | |
| 4.25 | **Fork Spread** | | $b_5$ | mm | 520 / 540 / 560 / 670 | | |
| 4.35 | **Turning Radius** [2 4] | platform up | Wa | mm | 1467 | 1617 | 1667 |
| | | platform down | Wa | mm | 1893 | 2043 | 2093 |

| Table 2 | | | | | WT 3020-2.0 / WT 3040-2.0 folding platform, 375 Ah compartment | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 500 | 600 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 |
| 740 | 890 | 940 | 1140 | 1340 | 1540 | 1740 | 1890 | 2140 |
| 1269 | 1419 | 1469 | 1669 | 1869 | 2069 | 2269 | 2419 | 2669 |
| 576 | 581 | 583 | 589 | 619 | 631 | 643 | 655 | 671 |
| 1091 | 1139 | 1198 | 1280 | 1358 | 1414 | 1461 | 1472 | 1538 |
| 1809 | 1767 | 1709 | 1633 | 1585 | 1542 | 1507 | 1507 | 1457 |
| 715 | 732 | 737 | 754 | 781 | 796 | 809 | 820 | 834 |
| 186 | 174 | 171 | 159 | 162 | 159 | 158 | 160 | 161 |
| 1769 | 1919 | 1969 | 2169 | 2369 | 2569 | 2769 | 2919 | 3169 |
| 2228 | 2378 | 2428 | 2628 | 2828 | 3028 | 3228 | 3378 | 3628 |
| 769 | | | | | | | | |
| 1120 | | | | | | | | |
| 78 x 170 | | | | | | | | |
| **1000** | **1150** | **1200** | **1400** | **1600** | **1800** | **2000** | **2150** | **2400** |
| 368 | | | | | | | | |
| 520 / 540 / 560 / 670 | | | | | | | | |
| 1543 | 1693 | 1743 | 1943 | 2143 | 2343 | 2543 | 2693 | 2943 |
| 1969 | 2119 | 2169 | 2369 | 2569 | 2769 | 2969 | 3119 | 3369 |

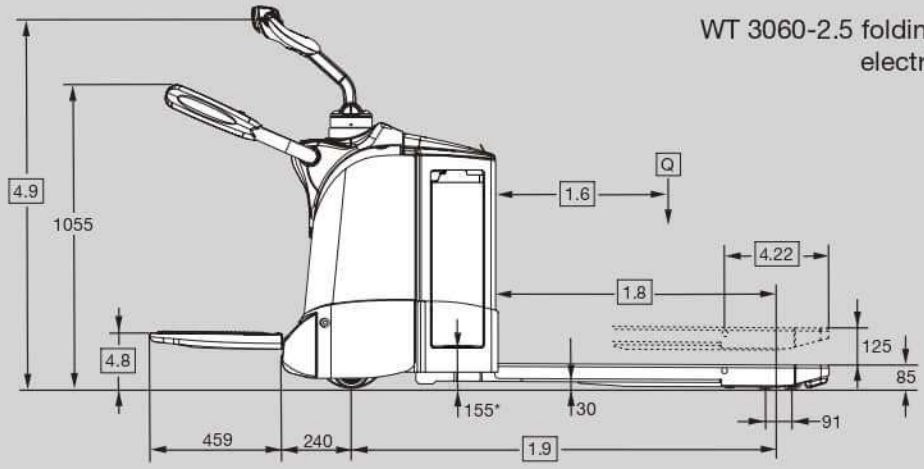
| Table 2 | | | | | WT 3040-2.0 375 Ah compartment | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | rear entry platform | | | | | | | | side entry platform | | | | | | | |
| 1.6 | **Load Center** | | c | mm | 600 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 600 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 |
| 1.8 | **Load Distance** [1] | | x | mm | 890 | 940 | 1140 | 1340 | 1540 | 1740 | 1890 | 2140 | 890 | 940 | 1140 | 1340 | 1540 | 1740 | 1890 | 2140 |
| 1.9 | **Wheelbase** [2 4] | | y | mm | 1419 | 1469 | 1669 | 1869 | 2069 | 2269 | 2419 | 2669 | 1419 | 1469 | 1669 | 1869 | 2069 | 2269 | 2419 | 2669 |
| 2.1 | **Service Weight** | less battery | | kg | 637 | 639 | 645 | 675 | 687 | 699 | 711 | 727 | 873 | 875 | 881 | 911 | 923 | 935 | 947 | 963 |
| 2.2 | **Axle Load** | with load | front | kg | 1215 | 1274 | 1353 | 1430 | 1484 | 1529 | 1540 | 1605 | 1468 | 1526 | 1603 | 1679 | 1731 | 1776 | 1786 | 1850 |
| | | | rear | kg | 1746 | 1690 | 1616 | 1570 | 1528 | 1494 | 1495 | 1447 | 1730 | 1673 | 1602 | 1557 | 1516 | 1483 | 1485 | 1437 |
| 2.3 | **Axle Load** | without load | front | kg | 808 | 812 | 827 | 853 | 866 | 878 | 888 | 901 | 1060 | 1064 | 1077 | 1102 | 1114 | 1125 | 1134 | 1147 |
| | | | rear | kg | 154 | 151 | 142 | 147 | 145 | 145 | 148 | 150 | 137 | 135 | 128 | 134 | 133 | 134 | 137 | 141 |
| 4.19 | **Overall Length** [3 4] | | $l_1$ | mm | 2413 | 2463 | 2663 | 2863 | 3063 | 3263 | 3413 | 3663 | 2494 | 2544 | 2744 | 2944 | 3144 | 3344 | 3494 | 3744 |
| 4.20 | **Head Length** [3 4] | | $l_2$ | mm | 1263 | | | | | | | | 1344 | | | | | | | |
| 4.22 | **Fork Dimensions DIN ISO 2331** | | s x e | mm | 78 x 170 | | | | | | | | | | | | | | | |
| | **Fork Length** | | l | mm | **1150** | **1200** | **1400** | **1600** | **1800** | **2000** | **2150** | **2400** | **1150** | **1200** | **1400** | **1600** | **1800** | **2000** | **2150** | **2400** |
| | **Fork Tip Length** | | | mm | 368 | | | | | | | | | | | | | | | |
| 4.25 | **Fork Spread** | | $b_5$ | mm | 520 / 540 / 560 / 670 | | | | | | | | | | | | | | | |
| 4.35 | **Turning Radius** [2 4] | | Wa | mm | 2152 | 2202 | 2402 | 2602 | 2802 | 3002 | 3152 | 3402 | 2244 | 2294 | 2494 | 2694 | 2894 | 3094 | 3244 | 3494 |

| Table 3 | | | | | WT 3060-2.5 375 Ah compartment | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | foldable platform | | | | | | | | | rear entry platform | | | | | | |
| 1.6 | **Load Center** | | c | mm | 500 | 600 | 600 | 700 | 800 | 1000 | 1200 | 1200 | 1200 | 600 | 600 | 700 | 800 | 1000 | 1200 | 1200 | 1200 |
| 1.8 | **Load Distance** [1] | | x | mm | 748 | 898 | 948 | 1148 | 1348 | 1748 | 1815 | 1778 | 1564 | 898 | 948 | 1148 | 1348 | 1748 | 1815 | 1778 | 1564 |
| 1.9 | **Wheelbase** [2 4] | | y | mm | 1277 | 1427 | 1477 | 1677 | 1877 | 2277 | 2344 | 2307 | 2093 | 1427 | 1477 | 1677 | 1877 | 2277 | 2344 | 2307 | 2093 |
| 2.1 | **Service Weight** | less battery | | kg | 656 | 668 | 671 | 687 | 701 | 730 | 752 | 751 | 745 | 724 | 727 | 743 | 757 | 786 | 808 | 807 | 801 |
| 2.2 | **Axle Load** | with load | front | kg | 1302 | 1355 | 1426 | 1522 | 1600 | 1717 | 1553 | 1520 | 1312 | 1432 | 1503 | 1597 | 1672 | 1787 | 1622 | 1590 | 1383 |
| | | | rear | kg | 2179 | 2138 | 2069 | 1989 | 1925 | 1837 | 2024 | 2055 | 2257 | 2116 | 2049 | 1971 | 1909 | 1824 | 2011 | 2042 | 2242 |
| 2.3 | **Axle Load** | without load | front | kg | 783 | 803 | 808 | 829 | 847 | 877 | 879 | 876 | 857 | 880 | 885 | 904 | 920 | 947 | 948 | 945 | 928 |
| | | | rear | kg | 197 | 190 | 187 | 182 | 178 | 177 | 198 | 200 | 212 | 168 | 166 | 164 | 162 | 164 | 185 | 187 | 197 |
| 4.19 | **Overall Length** [3 4] | platform up | $l_1$ | mm | 1769 | 1919 | 1969 | 2169 | 2369 | 2769 | 3169 | 3169 | 3169 | 2413 | 2463 | 2663 | 2863 | 3263 | 3663 | 3663 | 3663 |
| | | platform down | $l_1$ | mm | 2228 | 2378 | 2428 | 2628 | 2828 | 3228 | 3628 | 3628 | 3628 | | | | | | | | |
| 4.20 | **Head Length** [3 4] | platform up | $l_2$ | mm | 769 | | | | | | | | | 1263 | | | | | | | |
| | | platform down | $l_2$ | mm | 1228 | | | | | | | | | | | | | | | | |
| 4.22 | **Fork Dimensions DIN ISO 2331** | | s x e | mm | 78 x 180 | | | | | | | | | | | | | | | | |
| | **Fork Length** | | l | mm | **1000** | **1150** | **1200** | **1400** | **1600** | **2000** | **2400** | **2400** | **2400** | **1150** | **1200** | **1400** | **1600** | **2000** | **2400** | **2400** | **2400** |
| | **Fork Tip Length** | | | mm | 360 | 360 | 360 | 360 | 360 | 360 | 693* | 730** | 944** | 360 | 360 | 360 | 360 | 360 | 693* | 730** | 944** |
| 4.25 | **Fork Spread** | | $b_5$ | mm | 520 / 540 / 680 | | | | | | | | | | | | | | | | |
| 4.35 | **Turning Radius** [2 4] | platform up | Wa | mm | 1551 | 1701 | 1751 | 1951 | 2151 | 2551 | 2618 | 2581 | 2367 | 2160 | 2210 | 2410 | 2610 | 3010 | 3077 | 3040 | 2826 |
| | | platform down | Wa | mm | 1977 | 2127 | 2177 | 2377 | 2577 | 2977 | 3044 | 3007 | 2793 | | | | | | | | |

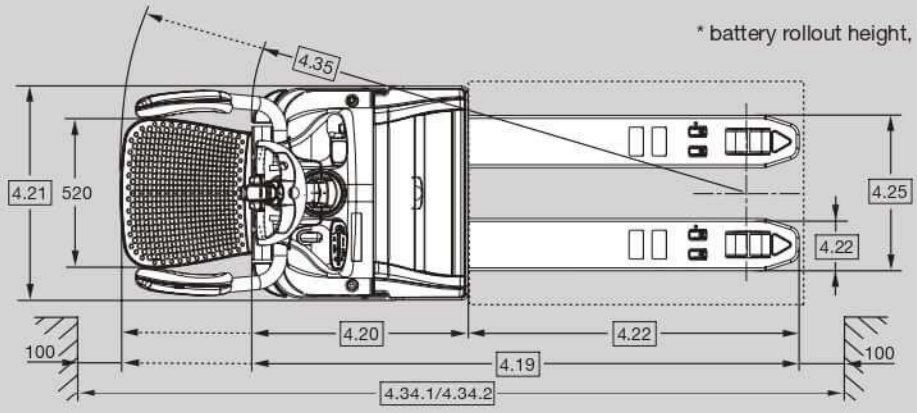
[1] Forks lowered +40 mm
[2] Forks lowered +58 mm
[3] Forks lowered -18 mm
[4] With optional battery rollout +67 mm
[5] WT 3020 with 375 Ah compartment -23 kg
[6] WT 3020 with 375 Ah compartment -23 kg at front

* Only with single load wheels
** Only with tandem load wheels

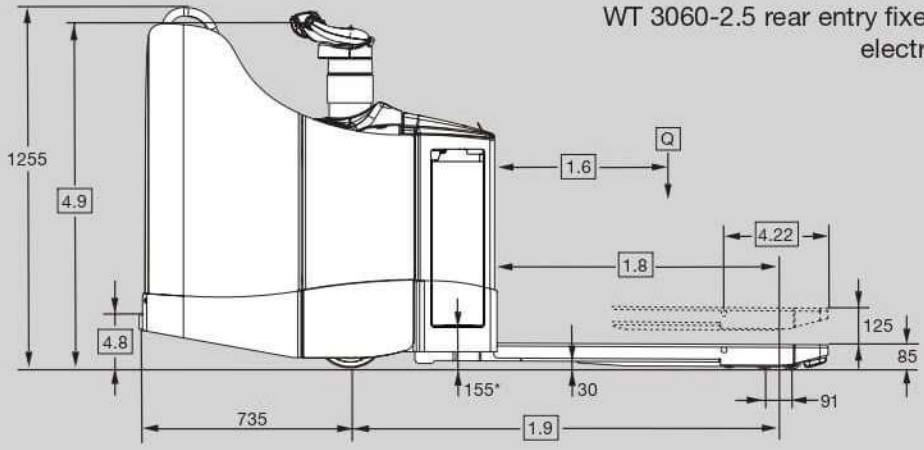
WT 3060-2.5 folding platform
electric steering



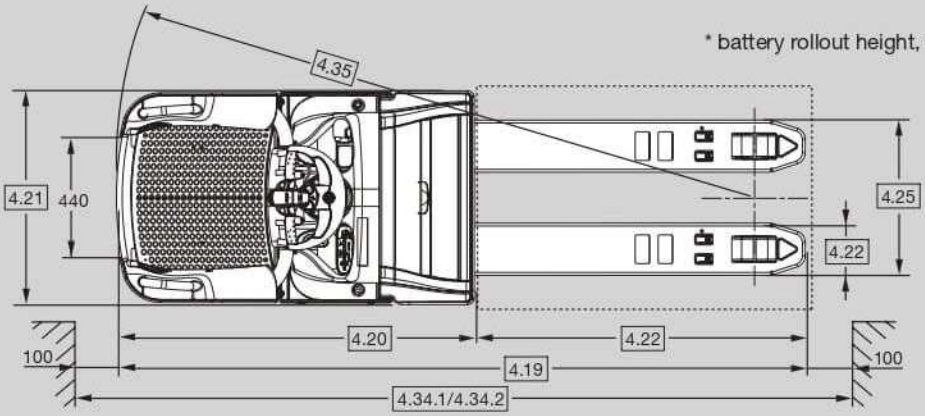

* battery rollout height, lift lowered




WT 3060-2.5 rear entry fixed platform
electric steering




* battery rollout height, lift lowered



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Destinguishing Mark | 1.1 | **Manufacturer** | | | | Crown Equipment Corporation | |
| | 1.2 | **Model** | | | | WT 3060-2.5 | |
| | | | steering type | | | electric | |
| | | | platform type | | | folding | rear entry |
| | 1.3 | **Power Source** | | | | electric | |
| | 1.4 | **Operator Type** | | | | standing | |
| | 1.5 | **Rated Capacity** | | Q | t | 2.5 | |
| | 1.6 | **Load Centre** | | c | mm | see table 3 | |
| | 1.8 | **Load Distance** | raised | x | mm | see table 3 | |
| | 1.9 | **Wheelbase** | raised | y | mm | see table 3 | |
| | 2.1 | **Service Weight** | less battery | | kg | see table 3 | |
| | 2.2 | **Axle Load** | with load, front / rear | | kg | see table 3 | |
| | 2.3 | **Axle Load** | without load, front / rear | | kg | see table 3 | |
| Tyres/Wheels/Chassis | 3.1 | **Tyres** | | | | Vulkollan | |
| | 3.2 | **Tyre Size** | front | | mm | Ø 250 x 75 | |
| | 3.3 | **Tyre Size** | rear | | mm | Ø 82 x 110 | |
| | 3.4 | **Additional Wheels** | castor wheel | | mm | Ø 125 x 50 | |
| | 3.5 | **Wheels** | number front/rear (x=driven wheels) | | | 1x + 2/2 | |
| | 3.6 | **Tread** | front | b10 | mm | 512 | |
| | 3.7 | **Tread** | rear | b11 | mm | 350 / 370 / 500 | |
| Dimensions | 4.4 | **Lift Height** | | h3 | mm | 125 | |
| | 4.8 | **Seat Height relating to SIP/Stand Height** | | h7 | mm | 186 | 197 |
| | 4.9 | **Height Control Handle** | in driving position min./max. | h14 | mm | 1056/1359 | 1249 |
| | 4.15 | **Fork Height** | lowered | h13 | mm | 85 | |
| | 4.19 | **Overall Length** | raised | l1 | mm | see table 3 | |
| | 4.20 | **Head Length** | raised | l2 | mm | see table 3 | |
| | 4.21 | **Overall Width** | | b1 | mm | 740 | |
| | 4.22 | **Fork Dimensions** | DIN ISO 2331 | s/e/l | mm | 78 x 180 x 1150 | |
| | 4.25 | **Fork Spread** | | b5 | mm | see table 3 | |
| | 4.32 | **Ground Clearance** | centre wheelbase | m2 | mm | 30 | |
| | 4.34.1 | **Aisle Width *** | for pallets 1000×1200 crossways, raised | Ast | mm | 1967 / 2392 | – |
| | 4.34.2 | **Aisle Width **** | for pallets 800×1200 lengthways, raised | Ast | mm | 2167 / 2592 | 2626 |
| | 4.35 | **Turning Radius** | raised | Wa | mm | see table 3 | |
| Performance Data | 5.1 | **Travel Speed** | with / without load, Power unit first | | km/h | 9.0 / 12.5 | |
| | 5.1.1 | **Travel Speed Backwards** | with / without load, Forks first | | km/h | 9.0 / 12.5 | |
| | 5.2 | **Lift Speed** | with / without load | | m/s | 0.04 / 0.06 | |
| | 5.3 | **Lowering Speed** | with / without load | | m/s | 0.05 / 0.05 | |
| | 5.8 | **Max. Gradeability** | with / without load, 5 min. rating | | % | 8 / 25 | |
| | 5.10 | **Service Brake** | | | | electric | |
| Electric Motor | 6.1 | **Traction Motor** | rating at S2 60 min. / H-class | | kW | 4.0 | |
| | 6.2 | **Pump Motor** | rating at S3 15% | | kW | 2.2 | |
| | 6.3 | **Battery** | according to DIN 43531/35/36 A, B, C, no | | | B | |
| | | **Max. Battery Box Size ***** | | lxwxh | mm | 284 x 624 x 627 (288 x 628 x 784) | |
| | 6.4 | **Battery Voltage ***** | nominal capacity 5h rating | | V/Ah | 24 / 315-375 (420-465) | |
| | 6.5 | **Battery Weight ***** | min./max. | | kg | 270 / 324 (382 / 439) | |
| | 8.1 | **Type of Controller** | drive | | | AC-transistor | |
| | 10.7 | **Sound Pressure Level** | at the operator's seat | | dB(A) | ≤ 70 | |

* Ast calculation based on standard truck configuration with 1000 mm fork length and 368 mm fork tip length, platform up/down
** Ast calculation based on standard truck configuration with 1150 mm fork length and 360 mm fork tip length, platform up/down or fixed platform
*** With optional larger battery compartment, use values in brackets

### Capacity

WT 3020 - 2000 kg

WT 3040 - 2000 kg

WT 3060 - 2500 kg

### Electric System / Batteries

24-volt electrical system with nominal battery capacities from 230 Ah to 465 Ah.

The battery can be removed vertically or horizontally with optional battery compartment rollers.

### Standard Equipment

1. Maintenance free 3-phase Crown (AC) traction motor
2. e-GEN® Braking System offers regenerative and frictionless electric braking. Mechanical braking applies only as parking brake
3. The X10® Control Handle places all truck functions at the operator's fingertips
4. Crown Access 1 2 3® Comprehensive System Control
   - LCD screen
   - Keyless start up with PIN code
   - Start up and run time diagnostics
   - Battery discharge indicator and lift interrupt
   - 3 selectable traction performance profiles (WT 3040, WT 3060)
   - Hour meters for monitoring various truck operating components
   - On-board diagnostics with real time trouble-shooting capabilities
5. FlexRide™ reduces vibrations and shocks to a minimum by combining (folding platform)
   - Soft floor mat with integrated presence sensor
   - Advanced platform suspension
   - Fully suspended drive unit
   - Heavy-duty shock absorbing castors (WT 3040, WT 3060)
6. CAN bus technology
7. Sealed electrical Deutsch Connectors
8. Heavy-duty side restraints with soft side pads (WT 3040/3060)
9. Electric power disconnect switch
10. Vulkollan drive tyre, castor wheels and load wheels
11. Single load wheels
12. Ramp hold
13. Battery connector DIN 160 A Schaltbau
14. Heavy-duty reinforced fork assembly
15. Heavy-duty chassis with 10 mm thick steel skirt
16. Easily removable steel covers including hinged battery cover for convenient access
17. Intelligent Electric Steering System (WT 3060)
    - Selectable performance profiles for speed reduction in turns
    - Tactile feedback feature analyses operational conditions and adjusts steering force for optimised control
    - Active Traction system adjusts drive tyre pressure as load weight changes
    - Maintenance free 3-phase (AC) steering motor
18. Rabbit/turtle switch incorporates two levels of programmable travel performance
19. Pallet entry ramp

### Optional Equipment

1. Intelligent Electric Steering System (WT 3040)
2. Rear entry fixed platform (WT 3040, WT 3060)
3. Side entry fixed platform (WT 3040)
4. Weight-adjustable FlexRide™ (for rear entry platform)
5. Folding step with backrest grab bar for extended operator reach (for side entry platform)
6. Fork length and spread options
7. Battery compartment for 315-375 Ah batteries (WT 3020) and for 420-465 Ah batteries (WT 3040, WT 3060)
8. Battery rollout (longer head length)
9. Battery connector options
10. Rubber, rubber sipped, Pevodyn Soft or supertrac drive tyre
11. Tandem load wheel (Diameter) 82 x 82 mm
12. Heavy-duty fixed castor wheels, single or dual
13. Freezer conditioning and corrosion protection
14. InfoLink® Ready
15. 12 V clean power supply
16. 24 V power supply
17. Key switch or key pad
18. Load backrest options
19. Audible travel alarm
20. Heavy-duty side restraints with soft side pads (WT 3020)
21. Work Assist™ accessory tube
22. Work Assist™ Accessories
    - Load tray
    - Storage pockets
    - Beverage holder
    - Trash bag holder
    - Scan gun holder
    - Small, medium and large clip pads
    - Mounting brackets for WMS terminals
23. Special paint
24. Fork weld marks
25. Lithium-ion Battery Ready
26. Heavy-duty shock absorbing castor wheels (WT 3020)
27. Strobe lights

### Electrical

24 volt electrical system managed by Crown's Access 1 2 3 Comprehensive System Control. Virtually maintenance-free AC traction motor provides strong acceleration and control at any speed. Sensors monitor functional parameters, including steering and speed, and adjust operational settings automatically to suit conditions.

### Power Unit

Designed to take the abuse of dock work, the rugged power unit features a reinforced 10 mm thick skirt to protect drive unit and caster components. A 12 mm skirt protects the battery and lift linkage. The contoured skirt provides greater ground clearance for working on ramps. Removable steel covers all around ensure internal components are protected against impacts yet easily accessible for service.

### Operator Area and Controls

The WT 3000 Series incorporates numerous design features to improve operator comfort and productivity.

The folding FlexRide™ platform reduces shock transfer to the operator by more than 80 percent. Dock boards can be crossed without reducing speed. The lifetime platform suspension never requires adjustment and features solid state induction switches to avoid reliability issues caused by contaminants.

Heavy-duty side restraints feature 50 mm heavy-wall steel tubing and rugged C-clamp mounting system. Soft polyurethane side pads are positioned for excellent support and comfort. The robust side restraints can be easily folded up and down for convenient entry and exit. We're so confident in their strength and durability that they are guaranteed for the life of the vehicle for the original owner.

Fixed platform models feature a patented Entry Bar Safety Switch which alerts operators if their foot is outside the protection of the operator compartment. If the operator steps on the Entry Bar, the truck will roll to a stop in 10 metres or less depending on travel speed, sound an alarm and show "ENTRY BAR" on the truck display.

Low step height and wide, rounded access make it easy to step on and off the truck. The rear-entry platform incorporates large side cushions for soft support in side-stance position.

A contoured lean pad on the side entry platform provides a soft contact surface to lean against.

The weight-adjustable FlexRide™ platform – optional on the rear entry model – provides exceptional rider comfort by tuning the suspension to the operator's body weight.

The X10® control handle, designed for simultaneous operation of all functions with one hand, improves side-stance operation for maximum visibility in both driving directions. An ergonomic forward/reverse rocker allows for precise manoeuvring. The hand grips are urethane covered for insulation from cold and vibration with integrated horn buttons for easy activation. A rabbit/turtle switch incorporates two levels of programmable travel performance so operators can select the setting that matches their experience level or application requirements. The low-mounted tiller provides best-in-class foot clearance when operating in pedestrian mode (platform folded up).

Available electric steering improves manoeuvrability and responsiveness, even with heavy loads. An intelligent tactile feedback feature analyses operational conditions and adjusts steering force for greater driver confidence. Combined with Active Traction and speed reduction in turns, electric steering safely delivers top driving performance.

### Access 1 2 3® Comprehensive System Control

Crown's Access 1 2 3 technology provides optimum performance and control by offering a communications interface for the operator and service technician, intelligent coordination of lift truck systems and simplified service with advanced diagnostics.

The display includes a full featured on-board service tool so service technicians can actively view inputs and outputs during truck operation. No laptop or service terminal is required. Event code history, including the last 16 events, is accessible through the display.

The display provides a convenient interface for operators, keeping them informed (operational hours, BDI, operator messages, event codes) of any changes impacting truck performance and allowing them to choose from three performance profiles when enabled (3040/3060).

Performance tuning can be accessed at the display to customise truck performance for specific applications or operator requirements. In addition, up to 25 PIN codes can be assigned to individual operators and matched to one of the pre-programmed performance profiles if desired.

### Power Unit Suspension

The power unit suspension utilises hard-plated chrome rods and sealed slide bushings for long life without adjustment. The suspension provides 60 mm of travel with constant drive tyre pressure for excellent performance on ramps. Combined with spring-loaded castors, the system reduces shocks to the chassis, mounted components and the operator. Active Traction, standard on trucks with electric steering, uses hydraulic pressure to increase traction. Reduced slipping and improved braking are especially helpful on steep or wet ramps.

### e-GEN® Braking System

The power of the high-torque AC traction motor is used to stop the truck and keep it static until a travel input is requested, even when operating on a gradient. This system eliminates adjustments and wear points for a lifetime of maintenance-free use.

An automatic parking brake activates if the truck is stopped and the operator leaves the platform or power is disconnected.

### Safety Regulations

Conforms to European safety standards.

Dimensions and performance data given may vary due to manufacturing tolerances. Performance is based on an average size vehicle and is affected by weight, condition of truck, how it is equipped and the conditions of the operating area. Crown products and specifications are subject to change without notice.

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