

TCM

SPECIFICATIONS



Newly Unveiled

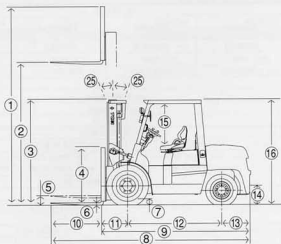
FD·G

3.5 ▶ 5.0 ton

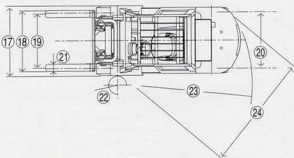
Pneumatic Tire Trucks

FD35·FD40·FD45·FD50·FG35·FG40

STANDARD DIMENSIONS



| GROUND CLEARANCE | FD35/FG35 mm(in) | FD40/FG40 mm(in) | FD45/FG45 mm(in) | FD50/FG50 mm(in) |
|------------------|---------------------|---------------------|---------------------|---------------------|
| Mast | 155 (6.1) | 155 (6.1) | 140 (5.5) | 140 (5.5) |
| Frame | 185 (7.3) | 185 (7.3) | 185 (7.3) | 185 (7.3) |
| Front axle | 185 (7.3) | 185 (7.3) | 185 (7.3) | 185 (7.3) |
| Rear axle | 195 (7.7) | 195 (7.7) | 195 (7.7) | 195 (7.7) |
| Counter weight | 160 (6.3) | 160 (6.3) | 160 (6.3) | 160 (6.3) |



STANDARD DIMENSIONS

| Model | FD35T9 · C9 FG35T9 · T2 | | FD40T9 · C9 FG40T9 · T2 | | FD45T9 · C9 FG45T9 · T2 | | FD50T9 FG50T9 · T2 | |
|--|----------------------------|-----------|----------------------------|-----------|----------------------------|-----------|-----------------------|-----------|
| | mm | in | mm | in | mm | in | mm | in |
| ① Overall height, fork raised (with backrest) | 4265 | 167.9 | 4265 | 167.9 | 4265 | 167.9 | 4420 | 174.0 |
| ② Maximum fork height | 3000 | 118.1 | 3000 | 118.1 | 3000 | 118.1 | 3000 | 118.1 |
| ③ Mast height, fork lowered | 2230 | 87.8 | 2230 | 87.8 | 2235 | 88.0 | 2360 | 92.9 |
| ④ Backrest height | 1220 | 48.0 | 1220 | 48.0 | 1215 | 47.8 | 1370 | 53.9 |
| ⑤ Free lift | 150 | 5.9 | 150 | 5.9 | 155 | 6.1 | 160 | 6.3 |
| ⑥ Fork thickness | 50 | 2.0 | 50 | 2.0 | 55 | 2.2 | 60 | 2.4 |
| ⑦ Minimum ground clearance | 155 | 6.1 | 155 | 6.1 | 140 | 5.5 | 140 | 5.5 |
| ⑧ Overall length (with forks) | 4155 | 163.6 | 4205 | 165.6 | 4285 | 168.7 | 4635 | 182.5 |
| ⑨ Overall length (without forks) | 3085 | 121.5 | 3135 | 123.4 | 3215 | 126.6 | 3415 | 134.4 |
| ⑩ Fork length | 1070 | 42.1 | 1070 | 42.1 | 1070 | 42.1 | 1220 | 48.0 |
| ⑪ Load distance | 560 | 22.0 | 560 | 22.0 | 590 | 23.2 | 590 | 23.2 |
| ⑫ Wheelbase | 2000 | 78.7 | 2000 | 78.7 | 2000 | 78.7 | 2200 | 86.6 |
| ⑬ Rear overhang | 525 | 20.7 | 575 | 22.6 | 625 | 24.6 | 625 | 24.6 |
| ⑭ Drawbar coupler height | 310 | 12.2 | 310 | 12.2 | 310 | 12.2 | 310 | 12.2 |
| ⑮ Overhead guard clearance (from face of seat)** | 1010 | 39.8 | 1010 | 39.8 | 1010 | 39.8 | 1010 | 39.8 |
| ⑯ Overall height (overhead guard)** | 2230 | 87.8 | 2230 | 87.8 | 2230 | 87.8 | 2230 | 87.8 |
| ⑰ Overall width | 1480 | 58.3 | 1480 | 58.3 | 1480 | 58.3 | 1480 | 58.3 |
| ⑱ Fork spread (outside) | 300~1290 | 11.8~50.8 | 300~1290 | 11.8~50.8 | 300~1290 | 11.8~50.8 | 300~1290 | 11.8~50.8 |
| ⑲ Tread (front) | 1180 | 46.5 | 1180 | 46.5 | 1180 | 46.5 | 1180 | 46.5 |
| ⑳ Tread (rear) | 1195 | 47.0 | 1195 | 47.0 | 1195 | 47.0 | 1195 | 47.0 |
| ㉑ Fork width | 150 | 5.9 | 150 | 5.9 | 150 | 5.9 | 150 | 5.9 |
| ㉒ Inside turning radius | 200 | 7.9 | 200 | 7.9 | 200 | 7.9 | 200 | 7.9 |
| ㉓ Outside turning radius | 2730 | 107.5 | 2790 | 109.8 | 2825 | 111.2 | 3040 | 119.7 |
| ㉔ Minimum intersecting aisle | 2500 | 98.4 | 2550 | 100.4 | 2550 | 100.4 | 2700 | 106.3 |
| ㉕ Tilt angles (forward-backward) | 6°-12° | 6°-12° | 6°-12° | 6°-12° | 6°-12° | 6°-12° | 6°-12° | 6°-12° |

NOTE : ** European and Scandinavian export trucks +20mm(+0.8in)

DIMENSIONS WITH FRONT DUAL DRIVE WHEELS (option)

| Model | FD35T9 · C9 FG35T9 · T2 | | FD40T9 · C9 FG40T9 · T2 | | FD45T9 · C9 FG45T9 · T2 | | FD50T9 FG50T9 · T2 | |
|------------------------------|----------------------------|---------|----------------------------|---------|----------------------------|---------|-----------------------|---------|
| | mm | in | mm | in | mm | in | mm | in |
| Tire size (front dual) | 7.50-16-12PR | | 7.50-16-12PR | | 7.50-16-12PR | | 7.50-16-12PR | |
| Service weight | +20kg | +44lbs | +20kg | +44lbs | +20kg | +44lbs | +20kg | +44lbs |
| ⑰ Overall width | 1830 | 72.0 | 1830 | 72.0 | 1830 | 72.0 | 1830 | 72.0 |
| ⑲ Tread (front) | 1340 | 52.8 | 1340 | 52.8 | 1340 | 52.8 | 1340 | 52.8 |
| ㉒ Inside turning radius | 200 | 7.9 | 200 | 7.9 | 200 | 7.9 | 200 | 7.9 |
| ㉓ Outside turning radius | 2870 | 113.0 | 2930 | 115.4 | 2945 | 115.9 | 3170 | 124.8 |
| ㉔ Minimum intersecting aisle | 2650 | 104.3 | 2700 | 106.3 | 2700 | 106.3 | 2850 | 112.2 |
| Tire size (front dual) | 300-15-18PR | | 300-15-18PR | | 300-15-18PR | | 300-15-18PR | |
| Service weight | +80kg | +176lbs | +80kg | +176lbs | +80kg | +176lbs | +80kg | +176lbs |
| ③ Mast height, fork lowered | 2245 | 88.4 | 2245 | 88.4 | 2245 | 88.4 | 2245 | 88.4 |
| ⑰ Overall width | 1950 | 76.8 | 1950 | 76.8 | 1950 | 76.8 | 1950 | 76.8 |
| ⑲ Tread (front) | 1435 | 56.5 | 1435 | 56.5 | 1435 | 56.5 | 1435 | 56.5 |
| ㉒ Inside turning radius | 200 | 7.9 | 200 | 7.9 | 200 | 7.9 | 200 | 7.9 |
| ㉓ Outside turning radius | 2920 | 115.0 | 2980 | 117.3 | 2980 | 117.3 | 2980 | 117.3 |
| ㉔ Minimum intersecting aisle | 2700 | 106.3 | 2750 | 108.3 | 2750 | 108.3 | 2750 | 108.3 |

STANDARD SPECIFICATIONS

| Characteristics | 1 Manufacturer | | TCM | | | | |
|-----------------------|---|-------------------|--|---------------------------------------|---------------------------------------|---------------------------------------|--------------|
| | 2 Model | | Power shift T/M | FD35T9 | FD40T9 | FD45T9 | FD50T9 |
| Dimensions | 3 Load Capacity | | Manual shift T/M | FD35C9 | FD40C9 | FD45C9 | --- |
| | | Load Center 500mm | | kg | 4000 | 4500 | 5000 |
| | Load Center 600mm (24 in) | | kg (lbs) | 3500 (8000) | 4000 (9000) | 4500 (10000) | 5000 (11000) |
| | 5 Power Type | | Diesel | | | | |
| | 6 Operator Position | | Rider seated | | | | |
| | 7 Tire Type | | Pneumatic | | | | |
| | 8 Wheels (X=driven) | Front / Rear | 2 X / 2 | | | | |
| | 9 Maximum Fork Height | | 3000 (118.1) | | | | |
| | 10 Free Lift | | mm (in) | | | | |
| | 13 Fork Size | | mm (in) | 150 (5.9) | 155 (6.1) | 160 (6.3) | --- |
| | L X W X T | | mm (in) | 1070 X 150 X 50 (42.1 X 5.9 X 2.0) | 1070 X 150 X 55 (42.1 X 5.9 X 2.2) | 1220 X 150 X 60 (48.0 X 5.9 X 2.4) | --- |
| | 14 Fork Spread (Outside) | | mm (in) | 1290 (50.8) / 300 (11.8) | | | |
| | 15 Tilt Angle | | deg | 6 / 12 | | | |
| | 16 Length to Fork Face | | mm (in) | 3085 (121.5) | 3135 (123.4) | 3215 (126.6) | 3415 (134.4) |
| | 17 Overall Width | | mm (in) | 1480 (58.3) | | | |
| | 18 Overall Measurement | | mm (in) | 2230 (87.8) | 2235 (88.0) | 2360 (92.9) | 2360 (92.9) |
| | 19 Mast Height Fork Lowered | | mm (in) | 4265 (167.9) | | | |
| | 20 Mast Height Fork Raised | | mm (in) | 2230 (87.8) | | | |
| | 21 Overhead Guard Height** | | mm (in) | 1200 (47.2) | | | |
| | 22 Driver's Seat Height | | mm (in) | 2730 (107.5) | 2790 (109.8) | 2825 (111.2) | 3040 (119.7) |
| | 23 Load Distance (Centerline of front axle to front face of forks) | | mm (in) | 560 (22.0) | | | |
| | 24 Right Angle Stacking Aisle Width (1200mm x 1200mm pallet and clearance 200mm) | | mm (in) | 4715 (185.6) | 4785 (188.4) | 4820 (189.8) | 5040 (198.4) |
| Performance | 25 Travel Max. (without load) | | Power shift T/M fwd/rvs | 26.0 (16.2) / 19.5 (12.1) | | 26.0 (16.2) / 19.0 (11.8) | |
| | 26 Manual shift T/M fwd/rvs | | km/h (mph) | 19.5 (12.1) / 19.0 (11.8) | | | |
| | 27 Lifting | With load | mm/s (fpm) | 540 (106.3) | | | 480 (94.5) |
| | | Without load | mm/s (fpm) | 580 (114.1) | | | 520 (102.3) |
| | 28 Lowering | With load | mm/s (fpm) | 500 (98.4) | | | 450 (88.6) |
| | | Without load | mm/s (fpm) | 550 (108.2) | | | 500 (98.4) |
| | 29 Max. Drawbar Pull | | Power shift T/M with / without load | 33.3 / 17.6 | | 34.3 / 18.6 | |
| | 30 Manual shift T/M with / without load | | kN | 21.1 / 17.6 | | 21.6 / 18.6 | |
| | 31 Max. Gradeability* | | Power shift T/M with / without load | 33 / 20 | | 30 / 20 | |
| | 32 Manual shift T/M with / without load | | % | 18 / 20 | | 16 / 18 | |
| Weight | 33 Total Weight | | Power shift T/M | 6140 (13539) | | 7040 (15523) | |
| | 34 Manual shift T/M | | kg (lbs) | 6100 (13451) | | 7000 (15435) | |
| | 35 Weight Distribution (Power shift T/M) | With load | Front / Rear | 8470 / 1170 | | 9210 / 1350 | |
| | | Without load | Front / Rear | (18833) / (2666) | | (20461) / (3004) | |
| | 36 Weight Distribution (Manual shift T/M) | With load | Front / Rear | 2940 / 3200 | | 2890 / 3670 | |
| | | Without load | Front / Rear | (6483) / (7056) | | (6373) / (8092) | |
| | 37 Weight Distribution (Manual shift T/M) | With load | Front / Rear | 8430 / 1170 | | 9170 / 1350 | |
| | | Without load | Front / Rear | (18834) / (2617) | | (20385) / (2992) | |
| | 38 Tires | Number | Front / Rear | 2 / 2 | | | |
| | | Size | Front / Rear | 300-15-18PR (I) | | | |
| | 39 Wheelbase | mm (in) | 2000 (78.7) | | | | |
| | | mm (in) | 1180 (46.5) | | | | |
| | 40 Tread | mm (in) | 1195 (47.0) | | | | |
| | | mm (in) | 155 (6.1) | | | | |
| | 41 Ground clearance | | mm (in) | 155 (6.1) | | | |
| | 42 Center of wheelbase | | mm (in) | 185 (7.3) | | | |
| | 43 Brake | | Power assist hydraulic (Power brake) - Foot pedal | | | | |
| | 44 Power Steering | | Mechanical - Hand lever | | | | |
| Engine & Transmission | 45 Battery | | V/AH | 2x 12V / 60AH (5hr) | | | |
| | 46 Model | | Full Hydrostatic Type | | | | |
| | 47 Internal Combustion Engine | | MITSUBISHI S6S | | | | |
| | 48 Rated Output / r.p.m. | | 64.7kW / 2300r.p.m. : 88PS / 2300r.p.m. (SAE GROSS 87HP / 2300r.p.m.) | | | | |
| | 49 Maximum Torque / r.p.m. | | 284N · m / 1600r.p.m. : 209kgf · m / 1600r.p.m. (SAE GROSS 209.8t · lbs / 1600r.p.m.) | | | | |
| | 50 Number of Cylinders | | 6 | | | | |
| | 51 Displacement | | lit (cu-in) | | | | |
| | 52 Fuel Tank Capacity | | lit (US gal.) | | | | |
| | 53 Transmission | | Power shift T/M | 2/1 - Automatic Power-shift T/M | | | |
| | 54 Number of Speed Fwd / Rvs-Type | | Manual shift T/M | 2/2 - Manual shift T/M | | | |
| | 55 Operating Pressure | | For Attachment | Mpa (kg/cm2) | | | |
| | 56 | | 17.7 (180) | | | | |

NOTE : * Computed Values

** European and Scandinavian Export Trucks +20mm (+0.8in)

STANDARD SPECIFICATIONS

| Mast Type | Mast Model | Max. Fork Height | Capacity | | | | | | | | | | | | Overall Mast | |
|--|------------|------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|-------|-----------------------|----|
| | | | FD35T9 - C9 | | | FD40T9 - C9 | | | FD45T9 - C9 | | | FD50T9 - T2 | | | Lowered ^{*)} | |
| | | | Load Center | | | Load Center | | | Load Center | | | Load Center | | | FD35T9 - T2 | |
| | | | 500mm | 600mm | 24in | 500mm | 600mm | 24in | 500mm | 600mm | 24in | 500mm | 600mm | 24in | mm | in |
| mm | kg | kg | lbs | kg | kg | lbs | kg | kg | lbs | kg | kg | lbs | mm | in | | |
| Wide View Mast 2-stage Mast (VM) | VM250 | 2500 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | 5000 | 11000 | 1980 | 78.0 | |
| | VM300 | 3000 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | 5000 | 11000 | 2230 | 87.8 | |
| | VM325 | 3250 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | 5000 | 11000 | 2395 | 92.7 | |
| | VM330 | 3300 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | 5000 | 11000 | 2380 | 93.7 | |
| | VM350 | 3500 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | 5000 | 11000 | 2480 | 97.6 | |
| | VM370 | 3700 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | | | 2580 | 101.6 | |
| | VM375 | 3750 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | 5000 | 11000 | 2605 | 102.6 | |
| | VM400 | 4000 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | 5000 | 11000 | 2780 | 109.4 | |
| | VM425 | 4250 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | 5000 | 11000 | 2905 | 114.4 | |
| | VM450 | 4500 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | 5000 | 11000 | 3030 | 119.3 | |
| | VM475 | 4750 | 3500 *4000 | 3500 | 8000 | 4000 *4500 | 4000 | 9000 | 4800 | 4500 | 10000 | 5000 | 11000 | 3155 | 124.2 | |
| | VM500 | 5000 | 3500 *3700 | 3500 | 8000 | 4000 *4300 | 4000 | 9000 | 4500 *4600 | 4500 | 10000 | 5000 | 11000 | 3280 | 129.1 | |
| VM550 | 5500 | 2800 *3300 | 2800 *3300 | 6200 7300 | 3200 *3900 | 3200 *3900 | 7000 8600 | 4000 *4400 | 4000 *4400 | 8800 *9700 | 4000 *4800 | 8800 *10600 | 3580 | 140.9 | | |
| VM600 | 6000 | 2200 *3200 | 2200 *3200 | 4900 7100 | 2500 *3700 | 2500 *3700 | 5500 8200 | 3500 *4000 | 3500 *4000 | 7800 8800 | 3350 *4000 | 7400 8800 | 3830 | 150.8 | | |
| Wide View Full-Free 2-stage Mast (VFM) | VFM250 | 2500 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | 5000 | 11000 | 1985 | 78.1 | |
| | VFM300 | 3000 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | 5000 | 11000 | 2185 | 86.0 | |
| | VFM325 | 3250 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | 5000 | 11000 | 2360 | 92.9 | |
| | VFM330 | 3300 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | 5000 | 11000 | 2385 | 93.9 | |
| | VFM350 | 3500 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | 5000 | 11000 | 2485 | 97.8 | |
| | VFM370 | 3700 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | | | 2585 | 101.8 | |
| | VFM375 | 3750 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | 5000 | 11000 | 2610 | 102.8 | |
| | VFM400 | 4000 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | 5000 | 11000 | 2785 | 109.8 | |
| | VFM425 | 4250 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | 5000 | 11000 | 2910 | 114.6 | |
| | VFM450 | 4500 | 4000 | 3500 | 8000 | 4500 | 4000 | 9000 | 5000 | 4500 | 10000 | 5000 | 11000 | 3035 | 119.5 | |
| | VFM475 | 4750 | 3500 *4000 | 3500 | 8000 | 4000 *4500 | 4000 | 9000 | 4800 | 4500 | 10000 | 5000 | 11000 | 3160 | 124.4 | |
| | VFM500 | 5000 | 3500 *3700 | 3500 | 8000 | 4000 *4300 | 4000 | 9000 | 4500 *4600 | 4500 | 10000 | 5000 | 11000 | 3285 | 129.3 | |
| VFM550 | 5500 | 2800 *3300 | 2800 *3300 | 6200 7300 | 3200 *3900 | 3200 *3900 | 7000 8600 | 4000 *4400 | 4000 *4400 | 8800 *9700 | 4000 *4800 | 8800 *10600 | 3585 | 141.1 | | |
| VFM600 | 6000 | 2200 *3200 | 2200 *3200 | 4900 7100 | 2500 *3700 | 2500 *3700 | 5500 8200 | 3500 *4000 | 3500 *4000 | 7800 8800 | 3350 *4000 | 7400 8800 | 3835 | 151.0 | | |
| Wide View Full-Free 3-stage Mast (VFHM) | VFHM360 | 3600 | 3900 | 3500 | 7700 | 4400 | 4000 | 8800 | 4900 | 4500 | 9900 | 4800 | 10500 | 1900 | 74.8 | |
| | VFHM400 | 4000 | 3900 | 3500 | 7700 | 4400 | 4000 | 8800 | 4900 | 4500 | 9900 | 4800 | 10500 | 2035 | 80.1 | |
| | VFHM435 | 4350 | 3800 | 3500 | 7700 | 4300 | 4000 | 8800 | 4700 | 4500 | 9900 | 4800 | 10500 | 2150 | 84.6 | |
| | VFHM480 | 4800 | 3500 *3700 | 3500 | 7700 | 4000 *4200 | 4000 | 8800 | 4600 | 4500 | 9900 | 4800 | 10500 | 2300 | 90.6 | |
| | VFHM500 | 5000 | 3400 *3600 | 3400 | 7400 | 4000 *4100 | 4000 | 8800 | 4500 | 4400 | 9700 | 4700 | 10300 | 2400 | 94.5 | |
| | VFHM540 | 5400 | 3100 *3400 | 3100 *3300 | 6800 7200 | 3300 *3900 | 3300 *3900 | 7200 8500 | 3400 *4300 | 3300 *4300 | 7200 8400 | 3500 *4600 | 7700 *10100 | 2525 | 99.4 | |
| | VFHM550 | 5500 | 2800 *3300 | 2800 *3300 | 6100 7200 | 3200 *3800 | 3200 *3800 | 7000 8300 | 3300 *4300 | 3200 *4300 | 7000 8400 | 3400 *4500 | 7400 9000 | 2585 | 101 | |
| | VFHM600 | 6000 | 2200 *3200 | 2200 *3200 | 4800 7000 | 2400 *3700 | 2400 *3700 | 5200 8100 | 2500 *4000 | 2400 *5000 | 5300 8500 | 2500 *4200 | 5500 8200 | 2750 | 108.3 | |
| | VFHM650 | 6500 | *2800 | *2800 | *6100 | *3200 | *3100 | *6800 | *3400 | *3300 | *7200 | *3600 | *7900 | 2970 | 116.9 | |
| | VFHM700 | 7000 | *2500 | *2400 | *5200 | *2800 | *2700 | *5600 | *3000 | *2900 | *6300 | *3000 | *6600 | 3135 | 123.4 | |

NOTE : *) For height with front dual drive wheels (300-15-18PR): +15mm(0.6in)

**) For free lift with front dual drive wheels (300-15-18PR): +15mm(0.6in)

Rated capacity with (*) Shows capacity with front dual drive wheels (7.50-16-12PR or 300-15-18PR).

Tilt angle with (†): Shows mast tilt angle with front dual drive wheels (7.50-16-12PR or 300-15-18PR).

Overall vehicle length with VFM mast: +15mm(5t model) longer than standard model(VM).

Overall vehicle length with VFHM mast: +40mm(3.5,4.0 & 4.5t model), +45mm(5t model) longer than standard model(VM).

| Height | | Free Lift with Backrest ^{#2} | | Overall Mast Height | | | | Free Lift with Backrest ^{#2} | | Overall Mast Height | | | | Free Lift with Backrest ^{#2} | | Tilt Angle |
|--------------------------------------|-------|---------------------------------------|-------|----------------------------|-------|----------------------|-------|---------------------------------------|-------|---------------------|-------|-----------------------|-------|---------------------------------------|-------|------------|
| Raised with Backrest | | Free Lift with Backrest ^{#2} | | Lowered | | Raised with Backrest | | Free Lift with Backrest ^{#2} | | Lowered | | Raised with Backrest | | Free Lift with Backrest ^{#2} | | |
| C9 / FD40T9 · C9 T2 / FG40T9 · T2 | | | | FD45T9 · C9 FG45T9 · T2 | | | | | | | | FD50T9 FG50T9 · T2 | | | | Fwd-Bwd |
| mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | deg |
| 3765 | 148.2 | 150 | 5.9 | 1985 | 78.1 | 3765 | 148.2 | 155 | 6.1 | 2110 | 83.1 | 3920 | 154.3 | 160 | 6.3 | 6-10 |
| 4265 | 167.9 | 150 | 5.9 | 2235 | 88.0 | 4265 | 167.9 | 155 | 6.1 | 2360 | 92.9 | 4420 | 174.0 | 160 | 6.3 | 6-12 |
| 4515 | 177.8 | 150 | 5.9 | 2360 | 92.9 | 4515 | 177.8 | 155 | 6.1 | 2485 | 97.8 | 4670 | 183.9 | 160 | 6.3 | 6-12 |
| 4565 | 179.7 | 150 | 5.9 | 2385 | 93.9 | 4565 | 179.7 | 155 | 6.1 | 2510 | 98.8 | 4720 | 185.8 | 160 | 6.3 | 6-12 |
| 4765 | 187.6 | 150 | 5.9 | 2485 | 97.8 | 4765 | 187.6 | 155 | 6.1 | 2610 | 102.8 | 4920 | 193.7 | 160 | 6.3 | 6-12 |
| 4965 | 195.5 | 150 | 5.9 | 2585 | 101.8 | 4965 | 195.5 | 155 | 6.1 | | | | | | | |
| 5015 | 197.4 | 150 | 5.9 | 2610 | 102.8 | 5015 | 197.4 | 155 | 6.1 | 2735 | 107.7 | 5170 | 203.5 | 160 | 6.3 | 6-6 *6-12 |
| 5265 | 207.3 | 150 | 5.9 | 2785 | 109.6 | 5265 | 207.3 | 155 | 6.1 | 2910 | 114.6 | 5420 | 213.4 | 160 | 6.3 | 6-6 *6-12 |
| 5515 | 217.1 | 150 | 5.9 | 2910 | 114.6 | 5515 | 217.1 | 155 | 6.1 | 3035 | 119.5 | 5670 | 223.2 | 160 | 6.3 | 6-6 *6-12 |
| 5765 | 227.0 | 150 | 5.9 | 3035 | 119.5 | 5765 | 227.0 | 155 | 6.1 | 3160 | 124.4 | 5920 | 233.1 | 160 | 6.3 | 6-6 *6-12 |
| 6015 | 236.8 | 150 | 5.9 | 3160 | 124.4 | 6015 | 236.8 | 155 | 6.1 | 3285 | 129.3 | 6170 | 242.9 | 160 | 6.3 | 6-6 *6-6 |
| 6265 | 246.7 | 150 | 5.9 | 3285 | 129.3 | 6265 | 246.7 | 155 | 6.1 | 3410 | 134.3 | 6420 | 252.8 | 160 | 6.3 | 6-6 *6-6 |
| 6765 | 266.3 | 150 | 5.9 | 3585 | 141.1 | 6765 | 266.3 | 155 | 6.1 | 3710 | 146.1 | 6920 | 272.4 | 160 | 6.3 | 3-6 *3-6 |
| 7265 | 286.0 | 150 | 5.9 | 3835 | 151.0 | 7265 | 286.0 | 155 | 6.1 | 3960 | 155.9 | 7420 | 292.1 | 160 | 6.3 | 3-6 *3-6 |
| 3765 | 148.2 | 765 | 30.1 | 1985 | 78.1 | 3765 | 148.2 | 765 | 30.1 | 2110 | 83.1 | 3920 | 154.3 | 740 | 29.1 | 6-10 |
| 4265 | 167.9 | 1015 | 40.0 | 2235 | 88.0 | 4265 | 167.9 | 1015 | 40.0 | 2360 | 92.9 | 4420 | 174.0 | 990 | 39.0 | 6-12 |
| 4515 | 177.8 | 1140 | 44.9 | 2360 | 92.9 | 4515 | 177.8 | 1140 | 44.9 | 2485 | 97.8 | 4670 | 183.9 | 1115 | 43.9 | 6-12 |
| 4565 | 179.7 | 1165 | 45.9 | 2385 | 93.9 | 4565 | 179.7 | 1165 | 45.9 | 2510 | 98.8 | 4720 | 185.8 | 1140 | 44.9 | 6-12 |
| 4765 | 187.6 | 1265 | 49.8 | 2485 | 97.8 | 4765 | 187.6 | 1265 | 49.8 | 2610 | 102.8 | 4920 | 193.7 | 1240 | 48.8 | 6-12 |
| 4965 | 195.5 | 1365 | 53.7 | 2585 | 101.8 | 4965 | 195.5 | 1365 | 53.7 | | | | | | | |
| 5015 | 197.4 | 1390 | 54.7 | 2610 | 102.8 | 5015 | 197.4 | 1390 | 54.7 | 2735 | 107.7 | 5170 | 203.5 | 1365 | 53.7 | 6-6 *6-12 |
| 5265 | 207.3 | 1565 | 61.6 | 2785 | 109.6 | 5265 | 207.3 | 1565 | 61.6 | 2910 | 114.6 | 5420 | 213.4 | 1540 | 60.6 | 6-6 *6-12 |
| 5515 | 217.1 | 1690 | 66.5 | 2910 | 114.6 | 5515 | 217.1 | 1690 | 66.5 | 3035 | 119.5 | 5670 | 223.2 | 1665 | 65.6 | 6-6 *6-12 |
| 5765 | 227.0 | 1815 | 71.5 | 3035 | 119.5 | 5765 | 227.0 | 1815 | 71.5 | 3160 | 124.4 | 5920 | 233.1 | 1790 | 70.5 | 6-6 *6-12 |
| 6015 | 236.8 | 1940 | 76.4 | 3160 | 124.4 | 6015 | 236.8 | 1940 | 76.4 | 3285 | 129.3 | 6170 | 242.9 | 1915 | 75.4 | 6-6 *6-6 |
| 6265 | 246.7 | 2065 | 81.3 | 3285 | 129.3 | 6265 | 246.7 | 2065 | 81.3 | 3410 | 134.3 | 6420 | 252.8 | 2040 | 80.3 | 6-6 *6-6 |
| 6765 | 266.3 | 2365 | 93.1 | 3585 | 141.1 | 6765 | 266.3 | 2365 | 93.1 | 3710 | 146.1 | 6920 | 272.4 | 2340 | 92.1 | 3-6 *3-6 |
| 7265 | 286.0 | 2615 | 103.0 | 3835 | 151.0 | 7265 | 286.0 | 2615 | 103.0 | 3960 | 155.9 | 7420 | 292.1 | 2590 | 102.0 | 3-6 *3-6 |
| 4865 | 191.5 | 675 | 26.6 | 1970 | 77.6 | 4865 | 191.5 | 750 | 29.5 | 2050 | 80.7 | 5020 | 197.6 | 680 | 26.8 | 6-6 |
| 5265 | 207.3 | 810 | 31.9 | 2105 | 82.9 | 5265 | 207.3 | 885 | 34.8 | 2185 | 86.0 | 5420 | 213.4 | 815 | 32.1 | 6-6 |
| 5615 | 221.1 | 925 | 36.4 | 2220 | 87.4 | 5615 | 221.1 | 1000 | 39.4 | 2300 | 90.6 | 5770 | 227.2 | 930 | 36.0 | 6-6 |
| 6065 | 238.8 | 1075 | 42.3 | 2370 | 93.3 | 6065 | 238.8 | 1150 | 45.3 | 2450 | 96.5 | 6220 | 244.9 | 1080 | 42.5 | 6-6 |
| 6265 | 246.7 | 1175 | 46.3 | 2470 | 97.2 | 6265 | 246.7 | 1250 | 49.2 | 2550 | 100.4 | 6420 | 252.8 | 1180 | 46.5 | 6-6 |
| 6665 | 262.4 | 1300 | 51.2 | 2595 | 102.2 | 6665 | 262.4 | 1375 | 54.1 | 2675 | 105.3 | 6820 | 268.5 | 1305 | 51.4 | 3-6 |
| 6765 | 266.3 | 1340 | 52.8 | 2635 | 103.7 | 6765 | 266.3 | 1415 | 55.7 | 2715 | 106.9 | 6920 | 272.4 | 1345 | 53.0 | 3-6 |
| 7265 | 286.0 | 1525 | 60.0 | 2820 | 111.0 | 7265 | 286.0 | 1600 | 63.0 | 2900 | 114.2 | 7420 | 292.1 | 1530 | 60.2 | 3-6 |
| 7765 | 305.7 | 1745 | 68.7 | 3040 | 119.7 | 7765 | 305.7 | 1820 | 71.7 | 3120 | 122.8 | 7920 | 311.8 | 1750 | 68.9 | *3-3 |
| 8265 | 325.4 | 1910 | 75.2 | 3205 | 126.2 | 8265 | 325.4 | 1985 | 78.1 | 3285 | 129.3 | 8420 | 331.5 | 1915 | 75.4 | *3-3 |