

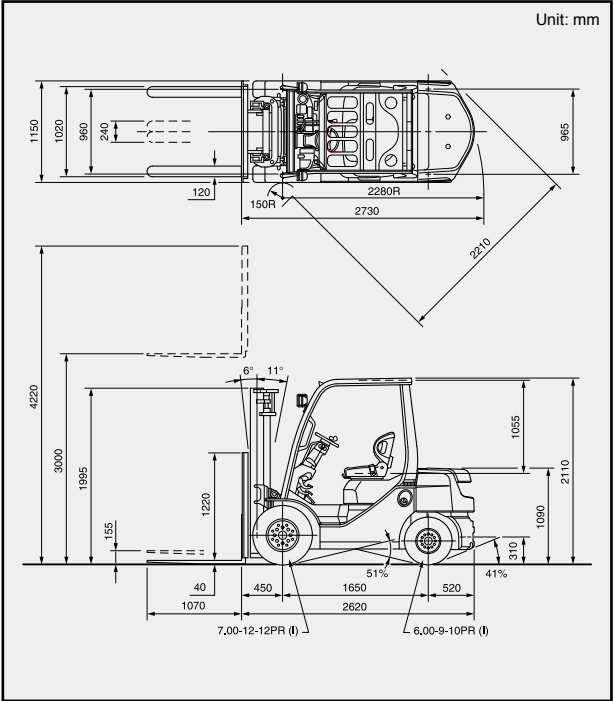
MAIN VEHICLE SPECIFICATIONS

| | | | | | | | | | | | | | |
|------------------|------------------------|---|----------------------------|---------------------|------------------------|--------------|-------------------------------------|--------------|-------------------------------|--------------|-------------------|--------------|----|
| Characteristics | 1 | Manufacturer | | | | TOYOTA | | TOYOTA | | TOYOTA | | 1 | |
| | 2 | Model | | | | 30-8FG25 | 32-8FG25 | 60-8FD25 | 62-8FD25 | 70-8FD25 | 72-8FD25 | 2 | |
| | 3 | Load Capacity | | | kg | 2500 | | 2500 | | 2500 | | 3 | |
| | 4 | Load Center | | | mm | 500 | | 500 | | 500 | | 4 | |
| | 5 | Power Type | | | | Gasoline | | Diesel | | Diesel | | 5 | |
| | 6 | Operator Position | | | | Rider Seated | | Rider Seated | | Rider Seated | | 6 | |
| | 7 | Tire Type | Front/Rear | | Pneumatic | | Pneumatic | | Pneumatic | | 7 | | |
| | 8 | Wheels (x = driven) | Front/Rear | | 2x/2 | | 2x/2 | | 2x/2 | | 8 | | |
| Dimensions | 9 | Maximum Fork Height (MFH) | | | mm | 3000 | | 3000 | | 3000 | | 9 | |
| | 10 | Free Lift | | | mm | 155 | | 155 | | 155 | | 10 | |
| | 13 | Fork Size | T x W x L | mm | 40x120x1070 | | 40x120x1070 | | 40x120x1070 | | 13 | | |
| | | Fork Spread (Outside) | MAX./MIN. | mm | 1020/240 | | 1020/240 | | 1020/240 | | | | |
| | 14 | Tilt Range | FWD/BWD | deg | 6/11 | | 6/11 | | 6/11 | | 14 | | |
| | 15 | Length to Fork Face | | | mm | 2620 | | 2620 | | 2620 | | 15 | |
| | 16 | Overall Width | | | mm | 1150 | | 1150 | | 1150 | | 16 | |
| | 17 | Mast Lowered Height | | | mm | 1995 | | 1995 | | 1995 | | 17 | |
| | 18 | Mast Extended Height | | | mm | 4220 | | 4220 | | 4220 | | 18 | |
| | 19 | Overhead Guard Height | | | mm | 2110 | | 2110 | | 2110 | | 19 | |
| | 21 | Turning Radius (Outside) | | | mm | 2280 | | 2280 | | 2280 | | 21 | |
| | 22 | Load Distance (Centerline of front axle to front face of forks) | | | mm | 450 (455) ** | | 450 (455) ** | | 450 (455) ** | | 22 | |
| | | Rear Overhang | | | mm | 520 | | 520 | | 520 | | | |
| | 23 | Basic Right Angle Stacking Aisle Width (Add load length and clearance) | | | mm | 2730 | | 2730 | | 2730 | | 23 | |
| Performance | 24 | Speeds | Travel, Max. (FWD/RVS) | Full Load | km/h | 18.0/18.0 | 17.5/17.5 | 19.5/19.5 | 19.0/19.0 | 19.0/19.0 | 24 | | |
| | | | No Load | km/h | 18.5/18.5 | 18.0/18.0 | 20.0/20.0 | 19.5/19.5 | 19.5/19.5 | | | | |
| | | | Lifting | Full Load | mm/sec | 600 | 600 | 615 | 615 | 650 | 650 | 25 | |
| | | | | No Load | mm/sec | 640 | 640 | 655 | 655 | 675 | 675 | | |
| | | | Lowering | Full Load | mm/sec | 500 | 500 | 500 | 500 | 500 | 500 | 26 | |
| | | | | No Load | mm/sec | 500 | 500 | 500 | 500 | 500 | 500 | | |
| | 28 | Max. Drawbar Pull | | | Full Load | N (kg) | 16500 (1680) | 18500 (1890) | 17500 (1780) | 19000 (1940) | 19500 (1990) | 20000 (2040) | 28 |
| | | Max. Drawbar Pull at 1.5km/h * | | | No Load | N (kg) | 8600 (880) | 8500 (870) | 8700 (890) | 8700 (890) | 8800 (900) | 8800 (900) | |
| | 29 | Gradeability at 1.5 km/h * | | | Full Load | N (kg) | — | 17000 (1730) | — | 17200 (1750) | — | 17500 (1780) | |
| | | Gradeability at 1.5 km/h * | | | Full Load | % (tanθ) | — | 30 | — | 31 | — | 29 | 29 |
| 30 | Max. Gradeability * | | | Full Load | % (tanθ) | 28 | 34 | 28 | 34 | 33 | 32 | 30 | |
| | | | | No Load | % (tanθ) | 19 | 19 | 19 | 19 | 19 | 19 | | |
| Weight | 32 | Total Weight | | | kg | 3560 | | 3600 | | 3650 | | 32 | |
| | 33 | Weight Distribution | Full Load | Front | kg | 5280 | | 5300 | | 5320 | | 33 | |
| | Rear | | | kg | 780 | | 800 | | 830 | | | | |
| | 34 | | No Load | Front | kg | 1300 | | 1320 | | 1340 | | 34 | |
| Rear | | | | kg | 2260 | | 2280 | | 2310 | | | | |
| Wheels and Tires | 35 | Tires | Number | Front/Rear | | 2/2 | | 2/2 | | 2/2 | | 35 | |
| | Size | | Front | | 7.00-12-12PR (I) | | 7.00-12-12PR (I) | | 7.00-12-12PR (I) | | 36 | | |
| | | | Rear | | 6.00-9-10PR (I) | | 6.00-9-10PR (I) | | 6.00-9-10PR (I) | | 37 | | |
| | 38 | Wheelbase | | | mm | 1650 | | 1650 | | 1650 | | 38 | |
| | 39 | Tread | | | Front | mm | 960 | | 960 | | 960 | | 39 |
| | | | | | Rear | mm | 965 | | 965 | | 965 | | |
| | | Backrest Height | | | mm | 1220 | | 1220 | | 1220 | | | |
| | | Overhead Guard Clearance | | | mm | 1055 | | 1055 | | 1055 | | | |
| | | Counterweight Height | | | mm | 1090 | | 1090 | | 1090 | | | |
| | | Drawbar Pin Center Height | | | mm | 310 | | 310 | | 310 | | | |
| | | Step Height/Floor Height | | | mm | 435/675 | | 435/675 | | 435/675 | | | |
| | 40 | Underclearance | | Min. <Mast> | mm | 95 | | 95 | | 95 | | 40 | |
| | 41 | (Full Load) | | Center of Wheelbase | mm | 140 | | 140 | | 140 | | 41 | |
| | | Grade Clearance | | Frame/Counterweight | % (tanθ) | 51/41 | | 51/41 | | 51/41 | | | |
| | 42 | Brake | | Service (Foot) | | Hydraulic | | Hydraulic | | Hydraulic | | 42 | |
| | 43 | Parking | | | | Hand | Foot | Hand | Foot | Hand | Foot | 43 | |
| | Drive Unit and Control | 45 | Battery | | Voltage/Capacity (5HR) | V/AH | 12/27 | | 12/55 | | 12/64 | | 45 |
| | | 49 | Internal Combustion Engine | Make/Model | | | TOYOTA/4Y | | TOYOTA/1DZ-II [1DZ-III] *** | | TOYOTA/2Z **** | | 49 |
| | | 50 | | Rated Power/r.p.m. | | kW (JIS ps) | 40/2400 (54/2400) | | 44 (60) /2600 [41 (55) /2500] | | 49/2200 (66/2200) | | 50 |
| 51 | | Rated Torque/r.p.m. | | N-m (JIS kg-m) | 162/1800 (16.5/1800) | | 167 (17.0) /1600 [157 (16.0) /2500] | | 216/1600 (22.0/1600) | | 51 | | |
| 52 | | Number of Cylinder | | | 4 | | 4 | | 4 | | 52 | | |
| | | Piston Displacement | | cc | 2237 | | 2486 | | 3469 | | | | |
| | | Fuel Tank Capacity | | liter | 60 | | 60 | | 60 | | | | |
| 55 | | Transmission | | Type | | Manual | Powershift | Manual | Powershift | Manual | Powershift | 55 | |
| | Stage | | FWD/RVS | | 2/2 | 1/1 | 2/2 | 1/1 | 2/2 | 1/1 | | | |
| 57 | Operating Pressure | | For Attachments | Mpa (kg/cm²) | 15.7 (160) | | 15.7 (160) | | 15.7 (160) | | 57 | | |

NOTE: * Computed values.
** Number shown in () is when the forkbar width is other than 1020 mm.
*** 1DZ-II: Non-road Mobile Machinery (97/68/EC; Stage II) EPA Non-road Diesel Emissions (40 CFR Part 89; Interim Tier 2).
1DZ-III: Non-road Mobile Machinery (97/68/EC; Stage IIIA) EPA Non-road Diesel Emissions (40 CFR Part 1039; Interim Tier 4).
**** 2Z: Non-road Mobile Machinery (97/68/EC; Stage II).

The data in this publication was determined based on our standard testing condition.
Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

DIMENSIONAL DRAWINGS



SPECIAL TREAD

| | | | |
|------------------------|------------------|-----------------|------------------|
| Front Tire Single/Dual | Single | Dual | Dual |
| Front Tire Size | 7.00-12-12PR (I) | 5.50-15-8PR (I) | 7.00-12-12PR (I) |
| Overall Width | mm 1150 | 1450 | 1610 |
| Tread, Front | mm 960 | 1105 | 1190 |

UNDERCLEARANCE mm

| | |
|--------------------------------------|-----|
| Mast (Full Load)..... | 95 |
| Drive Axle (Full Load) | 130 |
| Steer Axle (No Load) | 160 |
| Center of Wheelbase (Full Load)..... | 140 |
| Counterweight (No Load) | 150 |

MAST SPECIFICATIONS & RATED CAPACITIES

| Mast Type | Maximum Fork Height | Overall Height | | | Free Lift | | Single Tire | | | | Dual Tire | | |
|--|---------------------|----------------|-----------------------|-----------------------------|-----------------------|-----------------------------|----------------|-------------------------------|--|------|------------|----|----------------------------|
| | | Lowered | Extended | | Without Load Backrest | With Standard Load Backrest | Tilt Range | | Load Capacity at 500 mm LC | | Tilt Range | | Load Capacity at 500 mm LC |
| | | | Without Load Backrest | With Standard Load Backrest | | | | | | | | | |
| | | | | | | | Pneumatic Tire | Pneumatic-Shaped Cushion Tire | Pneumatic Tire/Pneumatic-Shaped Cushion Tire | | | | |
| | FWD | BWD | FWD | BWD | kg | | | | | | | | |
| mm | mm | mm | mm | mm | mm | deg | deg | kg | kg | deg | deg | kg | |
| Wide Visible Mast (V) | 2700 | 1845 | 3370* | 3920 | 150 | 150 | 6 | 11 | 2500 | 2500 | 6 | 11 | 2500 |
| | 3000 | 1995 | 3670* | 4220 | 150 | 150 | 6 | 11 | 2500 | 2500 | 6 | 11 | 2500 |
| | 3300 | 2145 | 3970* | 4520 | 150 | 150 | 6 | 11 | 2500 | 2500 | 6 | 11 | 2500 |
| | 3500 | 2245 | 4170* | 4720 | 150 | 150 | 6 | 11 | 2500 | 2500 | 6 | 11 | 2500 |
| | 3700 | 2405 | 4370* | 4920 | 150 | 150 | 6 | 11 | 2500 | 2500 | 6 | 11 | 2500 |
| | 4000 | 2595 | 4670* | 5220 | 150 | 150 | 6 | 9 | 2500 | 2500 | 6 | 11 | 2500 |
| | 4500 | 2845 | 5170* | 5720 | 150 | 150 | 6 | 6 | 2150 | 2300 | 6 | 11 | 2450 |
| | 5000 | 3095 | 5670* | 6220 | 150 | 150 | 6 | 6 | 1700 | 1850 | 6 | 6 | 2400 |
| Wide Visible Full-Free Lift Two-Stage Mast (FV) | 3000 | 1995 | 3605 | 4220 | 1400 | 780 | 6 | 11 | 2500 | 2500 | 6 | 11 | 2500 |
| | 3300 | 2145 | 3905 | 4520 | 1550 | 930 | 6 | 11 | 2500 | 2500 | 6 | 11 | 2500 |
| | 3500 | 2245 | 4105 | 4720 | 1650 | 1030 | 6 | 11 | 2500 | 2500 | 6 | 11 | 2500 |
| | 3700 | 2405 | 4305 | 4920 | 1810 | 1190 | 6 | 11 | 2500 | 2500 | 6 | 11 | 2500 |
| | 4000 | 2595 | 4605 | 5220 | 2000 | 1380 | 6 | 9 | 2500 | 2500 | 6 | 11 | 2500 |
| Wide Visible Full-Free Lift Three-Stage Mast (FSV) | 3700 | 1795 | 4265 | 4920 | 1235 | 580 | 6 | 6 | 2500 | 2500 | 6 | 6 | 2500 |
| | 4000 | 1895 | 4565 | 5220 | 1335 | 680 | 6 | 6 | 2500 | 2500 | 6 | 6 | 2500 |
| | 4300 | 1995 | 4865 | 5520 | 1435 | 780 | 6 | 6 | 2300 | 2300 | 6 | 6 | 2500 |
| | 4500 | 2065 | 5065 | 5720 | 1505 | 850 | 6 | 6 | 2000 | 2000 | 6 | 6 | 2450 |
| | 4700 | 2145 | 5265 | 5920 | 1585 | 930 | 6 | 6 | 2000 | 2000 | 6 | 6 | 2450 |
| | 5000 | 2245 | 5565 | 6220 | 1685 | 1030 | 6 | 6 | 1500 | 1650 | 6 | 6 | 2400 |
| | 5500 | 2405 | 6065 | 6720 | 1845 | 1190 | 6 | 6 | 1250 | 1400 | 6 | 6 | 2050 |
| | 6000 | 2595 | 6565 | 7220 | 2035 | 1380 | 6 | 6 | 900 | 1050 | 6 | 6 | 1700 |
| | 6500 | 2845 | 7065 | 7720 | 2285 | 1630 | — | — | — | — | 6 | 6 | 1550 |
| | 7000 | 3095 | 7565 | 8220 | 2535 | 1880 | — | — | — | — | 6 | 6 | 1200 |