

# Engine powered forklift 1.5 - 3.5 ton

**TONERO**



# Engine powered forklift 1.5 - 1.75 ton

| Truck specifications |      |                                                                       |                 |                 | 02-8FGF15     | 02-8FDF15             | 02-8FGF18     | 02-8FDF18             |
|----------------------|------|-----------------------------------------------------------------------|-----------------|-----------------|---------------|-----------------------|---------------|-----------------------|
| Identification       | 1.1  | Manufacturer                                                          |                 |                 | TOYOTA        | TOYOTA                | TOYOTA        | TOYOTA                |
|                      | 1.2  | Model                                                                 |                 |                 | 02-8FGF15     | 02-8FDF15             | 02-8FGF18     | 02-8FDF18             |
|                      | 1.3  | Drive                                                                 |                 |                 | LPG           | Diesel                | LPG           | Diesel                |
|                      | 1.4  | Operator type                                                         |                 |                 | Rider seated  | Rider seated          | Rider seated  | Rider seated          |
|                      | 1.5  | Load capacity/rated load                                              | Q               | kg              | 1500          | 1500                  | 1750          | 1750                  |
|                      | 1.6  | Load centre                                                           | c               | mm              | 500           | 500                   | 500           | 500                   |
|                      | 1.8  | Load distance, centre of drive axle to fork                           | x               | mm              | 410           | 410                   | 410           | 410                   |
|                      | 1.9  | Wheelbase                                                             | y               | mm              | 1485          | 1485                  | 1485          | 1485                  |
|                      | 1.9  | Wheelbase                                                             | y               | mm              | 1485          | 1485                  | 1485          | 1485                  |
| Weight               | 2.1  | Service weight                                                        |                 | kg              | 2450          | 2550                  | 2630          | 2730                  |
|                      | 2.2  | Axle load, with load, front/rear                                      |                 | kg              | 3460/490      | 3510/540              | 3820/560      | 3940/540              |
|                      | 2.3  | Axle load, without load, front/rear                                   |                 | kg              | 1040/1410     | 1090/1460             | 1000/1630     | 1120/1610             |
| Tyres                | 3.1  | Tyre - pneumatic (P), pneumatic shaped cushion (SE), solid rubber (R) |                 |                 | SE            | SE                    | SE            | SE                    |
|                      | 3.2  | Tyre size, front                                                      |                 |                 | 6,50 - 10     | 6,50 - 10             | 6,50 - 10     | 6,50 - 10             |
|                      | 3.3  | Tyre size, rear                                                       |                 |                 | 5,00 - 8      | 5,00 - 8              | 5,00 - 8      | 5,00 - 8              |
|                      | 3.5  | Wheels, number front/rear (x = driven wheels)                         |                 |                 | 2x/2          | 2x/2                  | 2x/2          | 2x/2                  |
|                      | 3.6  | Track width, front                                                    | b <sub>10</sub> | mm              | 885           | 885                   | 885           | 885                   |
|                      | 3.7  | Track width, rear                                                     | b <sub>11</sub> | mm              | 895           | 895                   | 895           | 895                   |
| Dimensions           | 4.1  | Tilt of mast/fork carriage forward/backward                           | $\alpha/\beta$  | deg             | 6/11          | 6/11                  | 6/11          | 6/11                  |
|                      | 4.2  | Height, mast lowered                                                  | h <sub>1</sub>  | mm              | 1995          | 1995                  | 1995          | 1995                  |
|                      | 4.3  | Free lift                                                             | h <sub>2</sub>  | mm              | 150           | 150                   | 150           | 150                   |
|                      | 4.4  | Lift                                                                  | h <sub>3</sub>  | mm              | 2960          | 2960                  | 2960          | 2960                  |
|                      |      | Lift height                                                           | h <sub>23</sub> | mm              | 3000          | 3000                  | 3000          | 3000                  |
|                      | 4.5  | Height, mast extended                                                 | h <sub>4</sub>  | mm              | 4250          | 4250                  | 4250          | 4250                  |
|                      | 4.7  | Height of overhead guard (cab)                                        | h <sub>6</sub>  | mm              | 2080          | 2080                  | 2080          | 2080                  |
|                      | 4.8  | Seat height                                                           | h <sub>7</sub>  | mm              | 1020          | 1020                  | 1020          | 1020                  |
|                      | 4.12 | Coupling height                                                       | h <sub>10</sub> | mm              | 285           | 285                   | 285           | 285                   |
|                      | 4.19 | Overall length                                                        | l <sub>1</sub>  | mm              | 3290          | 3290                  | 3315          | 3315                  |
|                      | 4.20 | Length to face of forks                                               | l <sub>2</sub>  | mm              | 2290          | 2290                  | 2315          | 2315                  |
|                      | 4.21 | Overall width                                                         | b <sub>1</sub>  | mm              | 1070          | 1070                  | 1070          | 1070                  |
|                      | 4.22 | Fork dimensions                                                       | s/e/l           | mm              | 40/80/1000    | 40/80/1000            | 40/80/1000    | 40/80/1000            |
|                      | 4.23 | Fork carriage DIN 15 173, class/type A, B                             |                 |                 | I/A           | I/A                   | I/A           | I/A                   |
|                      | 4.24 | Fork-carriage width                                                   | b <sub>3</sub>  | mm              | 920           | 920                   | 920           | 920                   |
|                      | 4.31 | Ground clearance, with load, below mast                               | m <sub>1</sub>  | mm              | 80            | 80                    | 80            | 80                    |
|                      | 4.32 | Ground clearance, centre of wheelbase                                 | m <sub>2</sub>  | mm              | 95            | 95                    | 95            | 95                    |
|                      | 4.33 | Aisle width for pallets 1000x1200 crossways                           | A <sub>st</sub> | mm              | 3600          | 3600                  | 3620          | 3620                  |
|                      | 4.34 | Aisle width for pallets 800x1200 lengthways                           | A <sub>st</sub> | mm              | 3800          | 3800                  | 3820          | 3820                  |
|                      | 4.35 | Turning radius                                                        | W <sub>a</sub>  | mm              | 1990          | 1990                  | 2010          | 2010                  |
|                      | 4.36 | Internal turning radius                                               | b <sub>13</sub> | mm              | 575           | 575                   | 575           | 575                   |
| Performance data     | 5.1  | Travel speed, with/without load                                       |                 | km/h            | 18,5/19,0     | 18,0/18,5             | 18,5/19,0     | 18,0/18,5             |
|                      | 5.2  | Lift speed, with/without load                                         |                 | m/s             | 0,67/0,68     | 0,65/0,68             | 0,67/0,68     | 0,65/0,68             |
|                      | 5.3  | Lowering speed, with/without load                                     |                 | m/s             | 0,50/0,55     | 0,50/0,55             | 0,50/0,55     | 0,50/0,55             |
|                      | 5.6  | Max. drawbar pull, with/without load                                  |                 | N               | 17500/6300    | 16600/7000            | 17500/6300    | 16600/6300            |
|                      | 5.7  | Gradeability, with load <sup>1) 2)</sup>                              |                 | %               | 41            | 42                    | 40            | 37                    |
|                      | 5.8  | Max. gradeability, with/without load <sup>2)</sup>                    |                 | %               | 45/22         | 45/22                 | 44/20         | 41/20                 |
|                      | 5.10 | Service brake                                                         |                 |                 | Hydraulic     | Hydraulic             | Hydraulic     | Hydraulic             |
| Combustion engine    | 7.1  | Engine manufacturer/type                                              |                 |                 | Toyota 4Y-ECS | Toyota 1DZ-III (IIIA) | Toyota 4Y-ECS | Toyota 1DZ-III (IIIA) |
|                      | 7.2  | Engine power according to ISO 1585                                    |                 | kW              | 38            | 36                    | 38            | 36                    |
|                      | 7.3  | Rated speed                                                           |                 | 1/min           | 2570          | 2400                  | 2570          | 2400                  |
|                      | 7.4  | No. of cylinders/displacement                                         |                 | cm <sup>3</sup> | 4/2237        | 4/2486                | 4/2237        | 4/2486                |
|                      | 7.5a | Fuel consumption according to VDI 60                                  |                 | l/h             | —             | 2,6                   | —             | 2,8                   |
|                      | 7.5b | Fuel consumption according to VDI 60                                  |                 | kg/h            | 2,3           | —                     | 2,3           | —                     |
| Others               | 8.2  | Operating pressure for attachments                                    |                 | bar             | 118           | 118                   | 118           | 118                   |
|                      | 8.3  | Oil volume for attachments                                            |                 | l/min           | 65 max.       | 64 max.               | 65 max.       | 64 max.               |
|                      | 8.4  | Sound level at the driver's ear according to EN 12 053                |                 | dB(A)           | 77            | 79                    | 77            | 79                    |

<sup>1)</sup> At 1,5 km/h

<sup>2)</sup> Computed values

Performance data and dimensions are nominal and subject to tolerances.

Specifications are subject to change without notice.

Please obtain the latest specifications before contracting products.

# Mast dimensions and rated capacities

| Model        |                                     |          | V    |      |      |      |      |      |      |      | FV             |                |                |                |                | FSV  |      |      |      |      |      |      |  |
|--------------|-------------------------------------|----------|------|------|------|------|------|------|------|------|----------------|----------------|----------------|----------------|----------------|------|------|------|------|------|------|------|--|
| 8FG/DF/15/18 | Lift height                         | $h_{23}$ | 3000 | 3300 | 3500 | 3700 | 4000 | 4500 | 5000 | 5500 | 3000           | 3300           | 3500           | 3700           | 4000           | 4300 | 4700 | 5000 | 5500 | 6000 | 6500 | 7000 |  |
|              | Lift                                | $h_3$    | 2960 | 3260 | 3460 | 3660 | 3960 | 4460 | 4960 | 5460 | 2960           | 3260           | 3460           | 3660           | 3960           | 4260 | 4660 | 4960 | 5460 | 5960 | 6460 | 6960 |  |
|              | Height, mast lowered                | $h_1$    | 1995 | 2145 | 2245 | 2405 | 2595 | 2845 | 3095 | 3345 | 1995           | 2145           | 2245           | 2405           | 2595           | 1995 | 2145 | 2245 | 2405 | 2595 | 2845 | 3095 |  |
|              | Height, mast extended <sup>1)</sup> | $h_4$    | 3640 | 3940 | 4140 | 4340 | 4640 | 5140 | 5640 | 6140 | 3590           | 3890           | 4090           | 4290           | 4590           | 4865 | 5265 | 5565 | 6065 | 6565 | 7065 | 7565 |  |
|              | Height, mast extended <sup>2)</sup> | $h_4$    | 4250 | 4550 | 4750 | 4950 | 5250 | 5750 | 6250 | 6750 | 4240           | 4540           | 4740           | 4940           | 5240           | 5540 | 5940 | 6240 | 6740 | 7240 | 7740 | 8240 |  |
|              | Free lift, without load backrest    | $h_2$    | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 1440<br>[1250] | 1590<br>[1400] | 1690<br>[1500] | 1850<br>[1660] | 2040<br>[1850] | 1460 | 1610 | 1710 | 1870 | 2060 | 2310 | 2560 |  |
|              | Free lift, with load backrest       | $h_2$    | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 785            | 935            | 1035           | 1195           | 1385           | 785  | 935  | 1035 | 1195 | 1385 | 1635 | 1885 |  |

1) Without load backrest

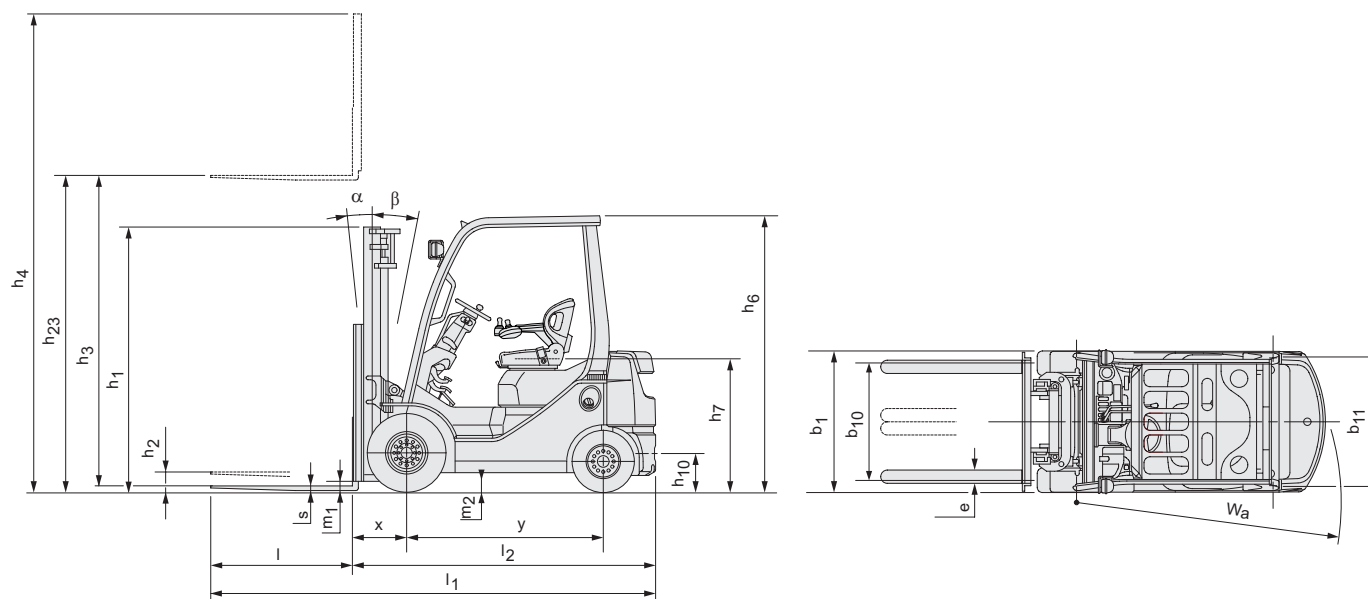
2) With load backrest; Height of standard load backrest is 1220 mm.

Data in [ ] are for when "A4 piping" is selected.

| Single tyre |                                      |     | V     |       |       |       |       |      |      |   | FV    |       |       |       |       | FSV  |      |      |      |     |     |   |
|-------------|--------------------------------------|-----|-------|-------|-------|-------|-------|------|------|---|-------|-------|-------|-------|-------|------|------|------|------|-----|-----|---|
| 8FG/DF15    | Tilt range, forward                  | deg | 6     | 6     | 6     | 6     | 6     | 6    | 6    | — | 6     | 6     | 6     | 6     | 6     | 6    | 6    | 6    | 6    | 6   | —   |   |
|             | Tilt range, backward                 | deg | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 6    | 6    | — | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 6    | 6    | 6    | 6    | 6   | —   |   |
|             | Load capacity, P tyres at 500 mm LC  | kg  | 1500  | 1500  | 1500  | 1500  | 1500  | 1450 | 1300 | — | 1500  | 1500  | 1500  | 1500  | 1500  | 1400 | 1350 | 1250 | 950  | 700 | 500 | — |
|             | Load capacity, SE tyres at 500 mm LC | kg  | 1500  | 1500  | 1500  | 1500  | 1500  | 1450 | 1300 | — | 1500  | 1500  | 1500  | 1500  | 1500  | 1400 | 1350 | 1300 | 1050 | 800 | 570 | — |
| 8FG/DF18    | Tilt range, forward                  | deg | 6     | 6     | 6     | 6     | 6     | 6    | 6    | — | 6     | 6     | 6     | 6     | 6     | 6    | 6    | 6    | 6    | 6   | —   |   |
|             | Tilt range, backward                 | deg | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 6    | 6    | — | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 6    | 6    | 6    | 6    | 6   | —   |   |
|             | Load capacity, P tyres at 500 mm LC  | kg  | 1750  | 1750  | 1750  | 1750  | 1700  | 1600 | 1550 | — | 1750  | 1750  | 1750  | 1750  | 1700  | 1550 | 1500 | 1450 | 1100 | 850 | 500 | — |
|             | Load capacity, SE tyres at 500 mm LC | kg  | 1750  | 1750  | 1750  | 1750  | 1700  | 1600 | 1550 | — | 1750  | 1750  | 1750  | 1750  | 1700  | 1550 | 1500 | 1450 | 1200 | 950 | 570 | — |

| Dual tyre     |                                        |     | V     |       |       |       |       |       |      |      | FV    |       |       |       |       | FSV  |      |      |      |      |     |     |  |
|---------------|----------------------------------------|-----|-------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|-------|------|------|------|------|------|-----|-----|--|
| 8FG/<br>DF-15 | Tilt range, forward                    | deg | 7     | 7     | 7     | 7     | 7     | 7     | 7    | 7    | 7     | 7     | 7     | 7     | 7     | 7    | 7    | 7    | 7    | 7    | 7   |     |  |
|               | Tilt range, backward                   | deg | 10(5) | 10(5) | 10(5) | 10(5) | 10(5) | 10(5) | 5    | 5    | 10(5) | 10(5) | 10(5) | 10(5) | 10(5) | 5    | 5    | 5    | 5    | 5    | 5   |     |  |
|               | Load capacity, P/SE tyres 500 mm LC    | kg  | 1500  | 1500  | 1500  | 1500  | 1500  | 1450  | 1350 | 1300 | 1500  | 1500  | 1500  | 1500  | 1500  | 1400 | 1350 | 1300 | 1250 | 1100 | 900 | 650 |  |
| 8FG/<br>DF-18 | Tilt range, forward                    | deg | 7     | 7     | 7     | 7     | 7     | 7     | 7    | 7    | 7     | 7     | 7     | 7     | 7     | 7    | 7    | 7    | 7    | 7    | 7   |     |  |
|               | Tilt range, backward                   | deg | 10(5) | 10(5) | 10(5) | 10(5) | 10(5) | 10(5) | 5    | 5    | 10(5) | 10(5) | 10(5) | 10(5) | 10(5) | 5    | 5    | 5    | 5    | 5    | 5   |     |  |
|               | Load capacity, P/SE tyres at 500 mm LC | kg  | 1750  | 1750  | 1750  | 1750  | 1700  | 1600  | 1550 | 1450 | 1750  | 1750  | 1750  | 1750  | 1700  | 1550 | 1500 | 1450 | 1400 | 1200 | 850 | 600 |  |

Data in ( ) are for when "Cabin Series" is selected (minimum front windshield).



# Engine powered forklift 2.0 ton

| Truck specifications |      |                                                                       |                 |                 | 02-8FGKF20    | 02-8FDKF20            | 02-8FGF20     | 02-8FDF20             | 52-8FDF20         |
|----------------------|------|-----------------------------------------------------------------------|-----------------|-----------------|---------------|-----------------------|---------------|-----------------------|-------------------|
| Identification       | 1.1  | Manufacturer                                                          |                 |                 | TOYOTA        | TOYOTA                | TOYOTA        | TOYOTA                | TOYOTA            |
|                      | 1.2  | Model                                                                 |                 |                 | 02-8FGKF20    | 02-8FDKF20            | 02-8FGF20     | 02-8FDF20             | 52-8FDF20         |
|                      | 1.3  | Drive                                                                 |                 |                 | LPG           | Diesel                | LPG           | Diesel                | Diesel            |
|                      | 1.4  | Operator type                                                         |                 |                 | Rider seated  | Rider seated          | Rider seated  | Rider seated          | Rider seated      |
|                      | 1.5  | Load capacity/rated load                                              | Q               | kg              | 2000          | 2000                  | 2000          | 2000                  | 2000              |
|                      | 1.6  | Load centre                                                           | c               | mm              | 500           | 500                   | 500           | 500                   | 500               |
|                      | 1.8  | Load distance, centre of drive axle to fork                           | x               | mm              | 430           | 430                   | 470           | 470                   | 470               |
|                      | 1.9  | Wheelbase                                                             | y               | mm              | 1485          | 1485                  | 1650          | 1650                  | 1650              |
|                      | 2.1  | Service weight                                                        |                 | kg              | 3150          | 3220                  | 3250          | 3290                  | 3310              |
| Weight               | 2.2  | Axle load, with load, front/rear                                      |                 | kg              | 4450/700      | 4490/730              | 4580/670      | 4600/690              | 4610/700          |
|                      | 2.3  | Axle load, without load, front/rear                                   |                 | kg              | 1150/2000     | 1190/2030             | 1410/1840     | 1430/1860             | 1440/1870         |
| Tyres                | 3.1  | Tyre - pneumatic (P), pneumatic shaped cushion (SE), solid rubber (R) |                 |                 | SE            | SE                    | SE            | SE                    | SE                |
|                      | 3.2  | Tyre size, front                                                      |                 |                 | 21x8-9        | 21x8-9                | 7.00-12       | 7.00-12               | 7.00-12           |
|                      | 3.3  | Tyre size, rear                                                       |                 |                 | 18x7-8        | 18x7-8                | 6.00-9        | 6.00-9                | 6.00-9            |
|                      | 3.5  | Wheels, number front/rear (x = driven wheels)                         |                 |                 | 2x/2          | 2x/2                  | 2x/2          | 2x/2                  | 2x/2              |
|                      | 3.6  | Track width, front                                                    | b <sub>10</sub> | mm              | 960           | 960                   | 960           | 960                   | 960               |
|                      | 3.7  | Track width, rear                                                     | b <sub>11</sub> | mm              | 940           | 940                   | 965           | 965                   | 965               |
|                      | 3.8  | Track width, wheelbase                                                | b <sub>12</sub> | mm              | 940           | 940                   | 965           | 965                   | 965               |
| Dimensions           | 4.1  | Tilt of mast/fork carriage forward/backward                           | $\alpha/\beta$  | deg             | 7/10          | 7/10                  | 6/11          | 6/11                  | 6/11              |
|                      | 4.2  | Height, mast lowered                                                  | h <sub>1</sub>  | mm              | 1975          | 1975                  | 1995          | 1995                  | 1995              |
|                      | 4.3  | Free lift                                                             | h <sub>2</sub>  | mm              | 125           | 125                   | 150           | 150                   | 150               |
|                      | 4.4  | Lift                                                                  | h <sub>3</sub>  | mm              | 2960          | 2960                  | 2960          | 2960                  | 2960              |
|                      |      | Lift height                                                           | h <sub>23</sub> | mm              | 3000          | 3000                  | 3000          | 3000                  | 3000              |
|                      | 4.5  | Height, mast extended                                                 | h <sub>4</sub>  | mm              | 4250          | 4250                  | 4250          | 4250                  | 4250              |
|                      | 4.7  | Height of overhead guard (cab)                                        | h <sub>6</sub>  | mm              | 2085          | 2085                  | 2110          | 2110                  | 2110              |
|                      | 4.8  | Seat height                                                           | h <sub>7</sub>  | mm              | 1025          | 1025                  | 1050          | 1050                  | 1050              |
|                      | 4.12 | Coupling height                                                       | h <sub>10</sub> | mm              | 285           | 285                   | 315           | 315                   | 315               |
|                      | 4.19 | Overall length                                                        | l <sub>1</sub>  | mm              | 3370          | 3370                  | 3575          | 3575                  | 3575              |
|                      | 4.20 | Length to face of forks                                               | l <sub>2</sub>  | mm              | 2370          | 2370                  | 2575          | 2575                  | 2575              |
|                      | 4.21 | Overall width                                                         | b <sub>1</sub>  | mm              | 1155          | 1155                  | 1150          | 1150                  | 1150              |
|                      | 4.22 | Fork dimensions                                                       | s/e/l           | mm              | 40/100/1000   | 40/100/1000           | 40/100/1000   | 40/100/1000           | 40/100/1000       |
|                      | 4.23 | Fork carriage DIN 15 173, class/type A, B                             |                 |                 | I/A           | I/A                   | I/A           | I/A                   | I/A               |
|                      | 4.24 | Fork-carriage width                                                   | b <sub>3</sub>  | mm              | 1020          | 1020                  | 1020          | 1020                  | 1020              |
|                      | 4.31 | Ground clearance, with load, below mast                               | m <sub>1</sub>  | mm              | 60            | 60                    | 90            | 90                    | 90                |
|                      | 4.32 | Ground clearance, centre of wheelbase                                 | m <sub>2</sub>  | mm              | 85            | 85                    | 135           | 135                   | 135               |
|                      | 4.33 | Aisle width for pallets 1000x1200 crossways                           | A <sub>st</sub> | mm              | 3670          | 3670                  | 3870          | 3870                  | 3870              |
|                      | 4.34 | Aisle width for pallets 800x1200 lengthways                           | A <sub>st</sub> | mm              | 3870          | 3870                  | 4070          | 4070                  | 4070              |
|                      | 4.35 | Turning radius                                                        | W <sub>a</sub>  | mm              | 2040          | 2040                  | 2200          | 2200                  | 2200              |
|                      | 4.36 | Internal turning radius                                               | b <sub>13</sub> | mm              | 630           | 630                   | 745           | 745                   | 745               |
| Performance data     | 5.1  | Travel speed, with/without load                                       |                 | km/h            | 17,0/17,5     | 17,0/17,5             | 17,5/18,0     | 17,0/17,5             | 19,0/19,5         |
|                      | 5.2  | Lift speed, with/without load                                         |                 | m/s             | 0,60/0,64     | 0,56/0,60             | 0,60/0,64     | 0,56/0,60             | 0,62/0,66         |
|                      | 5.3  | Lowering speed, with/without load                                     |                 | m/s             | 0,50/0,50     | 0,50/0,50             | 0,50/0,50     | 0,50/0,50             | 0,50/0,50         |
|                      | 5.6  | Max. drawbar pull, with/without load                                  |                 | N               | 18800/7800    | 18000/7800            | 18500/9000    | 17400/9100            | 19200/9100        |
|                      | 5.7  | Gradeability, with load <sup>1) 2)</sup>                              |                 | %               | 36            | 34                    | 35            | 32                    | 33                |
|                      | 5.8  | Max. gradeability, with/without load <sup>2)</sup>                    |                 | %               | 40/20         | 38/20                 | 39/22         | 36/22                 | 36/22             |
|                      | 5.10 | Service brake                                                         |                 |                 | Hydraulic     | Hydraulic             | Hydraulic     | Hydraulic             | Hydraulic         |
| Combustion engine    | 7.1  | Engine manufacturer/type                                              |                 |                 | Toyota 4Y-ECS | Toyota 1DZ-III (IIIA) | Toyota 4Y-ECS | Toyota 1DZ-III (IIIA) | Toyota 1ZS (IIIB) |
|                      | 7.2  | Engine power according to ISO 1585                                    |                 | kW              | 38            | 36                    | 38            | 36                    | 41                |
|                      | 7.3  | Rated speed                                                           |                 | 1/min           | 2570          | 2400                  | 2570          | 2400                  | 2200              |
|                      | 7.4  | No. of cylinders/displacement                                         |                 | cm <sup>3</sup> | 4/2237        | 4/2486                | 4/2237        | 4/2486                | 3/1795            |
|                      | 7.5a | Fuel consumption according to VDI 60                                  |                 | l/h             | —             | 3,0                   | —             | 3,0                   | 2,6               |
|                      | 7.5b | Fuel consumption according to VDI 60                                  |                 | kg/h            | 2,4           | —                     | 2,5           | —                     | —                 |
|                      | 7.6  | Rated torque according to ISO 1585                                    |                 | Nm              | 260           | 240                   | 260           | 240                   | 270               |
| Others               | 8.2  | Operating pressure for attachments                                    |                 | bar             | 147           | 147                   | 147           | 147                   | 174               |
|                      | 8.3  | Oil volume for attachments                                            |                 | l/min           | 65 - 71       | 65 - 71               | 65 - 71       | 65 - 77               | 65 - 77           |
|                      | 8.4  | Sound level at the driver's ear according to EN 12 053                |                 | dB(A)           | 77            | 79                    | 77            | 79                    | 77                |

<sup>1)</sup> At 1,5 km/h

<sup>2)</sup> Computed values

Performance data and dimensions are nominal and subject to tolerances.

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## Mast dimensions and rated capacities

| Model     |                                     |          | V    |      |      |      |      |      |      |      | FV             |                |                |                |                | FSV  |      |      |      |      |      |      |
|-----------|-------------------------------------|----------|------|------|------|------|------|------|------|------|----------------|----------------|----------------|----------------|----------------|------|------|------|------|------|------|------|
| 8FG/DFK20 | Lift height                         | $h_{23}$ | 3000 | 3300 | 3500 | 3700 | 4000 | 4500 | 5000 | —    | 3000           | 3300           | 3500           | 3700           | 4000           | 4300 | 4700 | 5000 | 5500 | 6000 | 6500 | 7000 |
|           | Lift                                | $h_3$    | 2960 | 3260 | 3460 | 3660 | 3960 | 4460 | 4960 | —    | 2960           | 3260           | 3460           | 3660           | 3960           | 4260 | 4660 | 4960 | 5460 | 5960 | —    | —    |
|           | Height, mast lowered                | $h_1$    | 1975 | 2125 | 2225 | 2385 | 2575 | 2825 | 3075 | —    | 1975           | 2125           | 2225           | 2385           | 2575           | 1975 | 2125 | 2225 | 2385 | 2575 | —    | —    |
|           | Height, mast extended <sup>1)</sup> | $h_4$    | 3705 | 4005 | 4205 | 4405 | 4705 | 5205 | 5705 | —    | 3635           | 3935           | 4135           | 4335           | 4635           | 4975 | 5375 | 5675 | 6175 | 6675 | —    | —    |
|           | Height, mast extended <sup>2)</sup> | $h_4$    | 4250 | 4550 | 4750 | 4950 | 5250 | 5750 | 6250 | —    | 4240           | 4540           | 4740           | 4940           | 5240           | 5540 | 5940 | 6240 | 6740 | 7240 | —    | —    |
|           | Free lift, without load backrest    | $h_2$    | 125  | 125  | 125  | 125  | 125  | 125  | 125  | —    | 1370<br>[1220] | 1520<br>[1370] | 1620<br>[1470] | 1780<br>[1630] | 1970<br>[1820] | 1330 | 1480 | 1580 | 1740 | 1930 | —    | —    |
|           | Free lift, with load backrest       | $h_2$    | 125  | 125  | 125  | 125  | 125  | 125  | 125  | —    | 765            | 915            | 1015           | 1175           | 1365           | 765  | 915  | 1015 | 1175 | 1365 | —    | —    |
| 8FG/DF20  | Lift height                         | $h_{23}$ | 3000 | 3300 | 3500 | 3700 | 4000 | 4500 | 5000 | 5500 | 3000           | 3300           | 3500           | 3700           | 4000           | 4300 | 4700 | 5000 | 5500 | 6000 | 6500 | 7000 |
|           | Lift                                | $h_3$    | 2960 | 3260 | 3460 | 3660 | 3960 | 4460 | 4960 | 5460 | 2960           | 3260           | 3460           | 3660           | 3960           | 4260 | 4660 | 4960 | 5460 | 5960 | 6460 | 6960 |
|           | Height, mast lowered                | $h_1$    | 1995 | 2145 | 2245 | 2405 | 2595 | 2845 | 3095 | 3345 | 1995           | 2145           | 2245           | 2405           | 2595           | 1995 | 2145 | 2245 | 2405 | 2595 | 2845 | 3095 |
|           | Height, mast extended <sup>1)</sup> | $h_4$    | 3700 | 4000 | 4200 | 4400 | 4700 | 5200 | 5700 | 6200 | 3625           | 3925           | 4125           | 4325           | 4625           | 4900 | 5300 | 5600 | 6100 | 6600 | 7100 | 7600 |
|           | Height, mast extended <sup>2)</sup> | $h_4$    | 4250 | 4550 | 4750 | 4950 | 5250 | 5750 | 6250 | 6750 | 4240           | 4540           | 4740           | 4940           | 5240           | 5540 | 5940 | 6240 | 6740 | 7240 | 7740 | 8240 |
|           | Free lift, without load backrest    | $h_2$    | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 1400<br>[1220] | 1550<br>[1370] | 1650<br>[1470] | 1810<br>[1630] | 2000<br>[1820] | 1425 | 1575 | 1675 | 1835 | 2025 | 2275 | 2525 |
|           | Free lift, with load backrest       | $h_2$    | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 785            | 935            | 1035           | 1195           | 1385           | 785  | 935  | 1035 | 1195 | 1385 | 1635 | 1885 |

1) Without load backrest

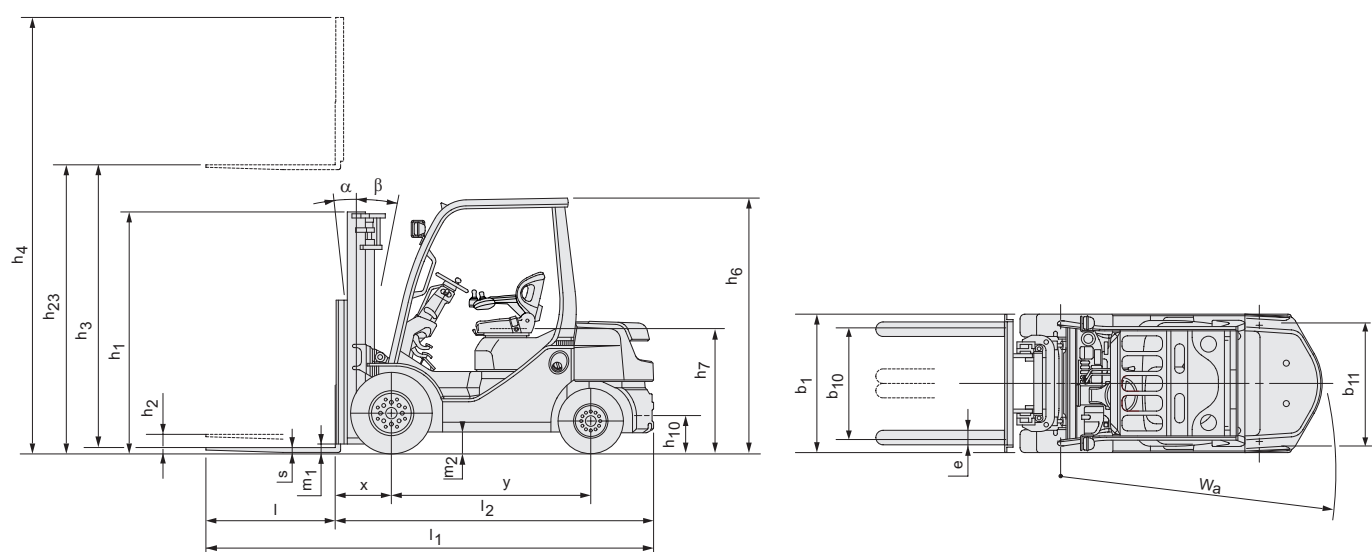
2) With load backrest; Height of standard load backrest is 1220 mm.

Data in [ ] are for when "A4 piping" is selected.

| Single tyre |                                      |     | V     |       |       |       |       |      |      |   | FV    |       |       |       |       | FSV  |      |      |      |  |  |  |
|-------------|--------------------------------------|-----|-------|-------|-------|-------|-------|------|------|---|-------|-------|-------|-------|-------|------|------|------|------|--|--|--|
| 8FG/DF20    | Tilt range, forward                  | deg | 7     | 7     | 7     | 7     | 7     | 7    | —    | 7 | 7     | 7     | 7     | 7     | 7     | 7    | 7    | —    | —    |  |  |  |
|             | Tilt range, backward                 | deg | 10(5) | 10(5) | 10(5) | 10(5) | 10(5) | 5    | 5    | — | 10(5) | 10(5) | 10(5) | 10(5) | 10(5) | 5    | 5    | 5    | —    |  |  |  |
|             | Load capacity, P tyres at 500 mm LC  | kg  | 2000  | 2000  | 2000  | 2000  | 2000  | 1950 | 1850 | — | 2000  | 2000  | 2000  | 2000  | 2000  | 1900 | 1850 | 1450 | 1200 |  |  |  |
|             | Load capacity, SE tyres at 500 mm LC | kg  | 2000  | 2000  | 2000  | 2000  | 2000  | 2000 | 2000 | — | 2000  | 2000  | 2000  | 2000  | 2000  | 2000 | 2000 | 1600 | 1350 |  |  |  |
| 8FG/DF20    | Tilt range, forward                  | deg | 6     | 6     | 6     | 6     | 6     | 6    | —    | 6 | 6     | 6     | 6     | 6     | 6     | 6    | 6    | 6    | —    |  |  |  |
|             | Tilt range, backward                 | deg | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 6    | 6    | — | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 6    | 6    | 6    | —    |  |  |  |
|             | Load capacity, P tyres at 500 mm LC  | kg  | 2000  | 2000  | 2000  | 2000  | 2000  | 1950 | 1850 | — | 2000  | 2000  | 2000  | 2000  | 2000  | 1900 | 1850 | 1450 | 1200 |  |  |  |
|             | Load capacity, SE tyres at 500 mm LC | kg  | 2000  | 2000  | 2000  | 2000  | 2000  | 1950 | 1900 | — | 2000  | 2000  | 2000  | 2000  | 2000  | 1900 | 1850 | 1600 | 1350 |  |  |  |

| Dual tyre    |                                        |     | V     |       |       |       |       |       |      |      | FV    |       |       |       |       | FSV  |      |      |      |      |      |      |  |
|--------------|----------------------------------------|-----|-------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|--|
| 8FG/<br>DF20 | Tilt range, forward                    | deg | 6     | 6     | 6     | 6     | 6     | 6     | 6    | 6    | 6     | 6     | 6     | 6     | 6     | 6    | 6    | 6    | 6    | 6    | 6    |      |  |
|              | Tilt range, backward                   | deg | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 6    | 6    | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 6    | 6    | 6    | 6    | 6    | 6    |      |  |
|              | Load capacity, P/SE tyres at 500 mm LC | kg  | 2000  | 2000  | 2000  | 2000  | 2000  | 1950  | 1900 | 1800 | 2000  | 2000  | 2000  | 2000  | 2000  | 1950 | 1900 | 1850 | 1800 | 1600 | 1550 | 1200 |  |

Data in ( ) are for when "Cabin Series" is selected (minimum front windshield).



# Engine powered forklift 2.5 ton

| Truck specifications |      |                                                                       |                 |                 | 02-8FGF25     | 02-8FDF25             | 52-8FDF25         |
|----------------------|------|-----------------------------------------------------------------------|-----------------|-----------------|---------------|-----------------------|-------------------|
| Identification       | 1.1  | Manufacturer                                                          |                 |                 | TOYOTA        | TOYOTA                | TOYOTA            |
|                      | 1.2  | Model                                                                 |                 |                 | 02-8FGF25     | 02-8FDF25             | 52-8FDF25         |
|                      | 1.3  | Drive                                                                 |                 |                 | LPG           | Diesel                | Diesel            |
|                      | 1.4  | Operator type                                                         |                 |                 | Rider seated  | Rider seated          | Rider seated      |
|                      | 1.5  | Load capacity/rated load                                              | Q               | kg              | 2500          | 2500                  | 2500              |
|                      | 1.6  | Load centre                                                           | c               | mm              | 500           | 500                   | 500               |
|                      | 1.8  | Load distance, centre of drive axle to fork                           | x               | mm              | 470           | 470                   | 470               |
|                      | 1.9  | Wheelbase                                                             | y               | mm              | 1650          | 1650                  | 1650              |
| Weight               | 2.1  | Service weight                                                        |                 | kg              | 3560          | 3600                  | 3620              |
|                      | 2.2  | Axle load, with load, front/rear                                      |                 | kg              | 5280/780      | 5300/800              | 5310/810          |
|                      | 2.3  | Axle load, without load, front/rear                                   |                 | kg              | 1300/2260     | 1320/2280             | 1330/2290         |
| Tyres                | 3.1  | Tyre - pneumatic (P), pneumatic shaped cushion (SE), solid rubber (R) |                 |                 | SE            | SE                    | SE                |
|                      | 3.2  | Tyre size, front                                                      |                 |                 | 7,00-12       | 7,00-12               | 7,00-12           |
|                      | 3.3  | Tyre size, rear                                                       |                 |                 | 6,00-9        | 6,00-9                | 6,00-9            |
|                      | 3.5  | Wheels, number front/rear (x = driven wheels)                         |                 |                 | 2x/2          | 2x/2                  | 2x/2              |
|                      | 3.6  | Track width, front                                                    | b <sub>10</sub> | mm              | 960           | 960                   | 960               |
|                      | 3.7  | Track width, rear                                                     | b <sub>11</sub> | mm              | 965           | 965                   | 965               |
| Dimensions           | 4.1  | Tilt of mast/fork carriage forward/backward                           | $\alpha/\beta$  | deg             | 6/11          | 6/11                  | 6/11              |
|                      | 4.2  | Height, mast lowered                                                  | h <sub>1</sub>  | mm              | 1995          | 1995                  | 1995              |
|                      | 4.3  | Free lift                                                             | h <sub>2</sub>  | mm              | 150           | 150                   | 150               |
|                      | 4.4  | Lift                                                                  | h <sub>3</sub>  | mm              | 2960          | 2960                  | 2960              |
|                      |      | Lift height                                                           | h <sub>23</sub> | mm              | 3000          | 3000                  | 3000              |
|                      | 4.5  | Height, mast extended                                                 | h <sub>4</sub>  | mm              | 4250          | 4250                  | 4250              |
|                      | 4.7  | Height of overhead guard (cab)                                        | h <sub>6</sub>  | mm              | 2110          | 2110                  | 2110              |
|                      | 4.8  | Seat height                                                           | h <sub>7</sub>  | mm              | 1050          | 1050                  | 1050              |
|                      | 4.12 | Coupling height                                                       | h <sub>10</sub> | mm              | 315           | 315                   | 315               |
|                      | 4.19 | Overall length                                                        | l <sub>1</sub>  | mm              | 3640          | 3640                  | 3640              |
|                      | 4.20 | Length to face of forks                                               | l <sub>2</sub>  | mm              | 2640          | 2640                  | 2640              |
|                      | 4.21 | Overall width                                                         | b <sub>1</sub>  | mm              | 1150          | 1150                  | 1150              |
|                      | 4.22 | Fork dimensions                                                       | s/e/l           | mm              | 40/100/1000   | 40/100/1000           | 40/100/1000       |
|                      | 4.23 | Fork carriage DIN 15 173, class/type A, B                             |                 |                 | IIA           | IIA                   | IIA               |
|                      | 4.24 | Fork-carriage width                                                   | b <sub>3</sub>  | mm              | 1020          | 1020                  | 1020              |
|                      | 4.31 | Ground clearance, with load, below mast                               | m <sub>1</sub>  | mm              | 90            | 90                    | 90                |
|                      | 4.32 | Ground clearance, centre of wheelbase                                 | m <sub>2</sub>  | mm              | 135           | 135                   | 135               |
|                      | 4.33 | Aisle width for pallets 1000x1200 crossways                           | A <sub>st</sub> | mm              | 3950          | 3950                  | 3950              |
|                      | 4.34 | Aisle width for pallets 800x1200 lengthways                           | A <sub>st</sub> | mm              | 4150          | 4150                  | 4150              |
|                      | 4.35 | Turning radius                                                        | W <sub>a</sub>  | mm              | 2280          | 2280                  | 2280              |
|                      | 4.36 | Internal turning radius                                               | b <sub>13</sub> | mm              | 745           | 745                   | 745               |
| Performance data     | 5.1  | Travel speed, with/without load                                       |                 | km/h            | 17,5/18       | 17,0/17,5             | 19/19,5           |
|                      | 5.2  | Lift speed, with/without load                                         |                 | m/s             | 0,60/0,64     | 0,56/0,60             | 0,62/0,66         |
|                      | 5.3  | Lowering speed, with/without load                                     |                 | m/s             | 0,50/0,50     | 0,50/0,50             | 0,50/0,50         |
|                      | 5.6  | Max. drawbar pull, with/without load                                  |                 | N               | 18500/8500    | 17400/8500            | 19200/8700        |
|                      | 5.7  | Gradeability, with load <sup>1) 2)</sup>                              |                 | %               | 29            | 27                    | 28                |
|                      | 5.8  | Max. gradeability, with/without load <sup>2)</sup>                    |                 | %               | 33/19         | 31/19                 | 31/19             |
|                      | 5.10 | Service brake                                                         |                 |                 | Hydraulic     | Hydraulic             | Hydraulic         |
| Combustion engine    | 7.1  | Engine manufacturer/type                                              |                 |                 | Toyota 4Y-ECS | Toyota 1DZ-III (IIIA) | Toyota 1ZS (IIIB) |
|                      | 7.2  | Engine power according to ISO 1585                                    |                 | kW              | 38            | 36                    | 41                |
|                      | 7.3  | Rated speed                                                           |                 | 1/min           | 2570          | 2400                  | 2200              |
|                      | 7.4  | No. of cylinders/displacement                                         |                 | cm <sup>3</sup> | 4/2237        | 4/2486                | 3/1795            |
|                      | 7.5a | Fuel consumption according to VDI 60                                  |                 | l/h             | —             | 3,4                   | 2,9               |
|                      | 7.5b | Fuel consumption according to VDI 60                                  |                 | kg/h            | 2,7           | —                     | —                 |
| Others               | 8.2  | Operating pressure for attachments                                    |                 | bar             | 147           | 147                   | 147               |
|                      | 8.3  | Oil volume for attachments                                            |                 | l/min           | 65-71         | 65-77                 | 65-82             |
|                      | 8.4  | Sound level at the driver's ear according to EN 12 053                |                 | dB(A)           | 77            | 79                    | 77                |

<sup>1)</sup> At 1,5 km/h

<sup>2)</sup> Computed values

Performance data and dimensions are nominal and subject to tolerances.

Specifications are subject to change without notice.

Please obtain the latest specifications before contracting products.

## Mast dimensions and rated capacities

| Model    |                                     |          | V    |      |      |      |      |      |      |      | FV             |                |                |                |                | FSV  |      |      |      |      |      |      |  |
|----------|-------------------------------------|----------|------|------|------|------|------|------|------|------|----------------|----------------|----------------|----------------|----------------|------|------|------|------|------|------|------|--|
| 8F8/DF25 | Lift height                         | $h_{23}$ | 3000 | 3300 | 3500 | 3700 | 4000 | 4500 | 5000 | 5500 | 3000           | 3300           | 3500           | 3700           | 4000           | 4300 | 4700 | 5000 | 5500 | 6000 | 6500 | 7000 |  |
|          | Lift                                | $h_3$    | 2960 | 3260 | 3460 | 3660 | 3960 | 4460 | 4960 | 5460 | 2960           | 3260           | 3460           | 3660           | 3960           | 4260 | 4660 | 4960 | 5460 | 5960 | 6460 | 6960 |  |
|          | Height, mast lowered                | $h_1$    | 1995 | 2145 | 2245 | 2405 | 2595 | 2845 | 3095 | 3345 | 1995           | 2145           | 2245           | 2405           | 2595           | 1995 | 2145 | 2245 | 2405 | 2595 | 2845 | 3095 |  |
|          | Height, mast extended <sup>1)</sup> | $h_4$    | 3700 | 4000 | 4200 | 4400 | 4700 | 5200 | 5700 | 6200 | 3625           | 3925           | 4125           | 4325           | 4625           | 4900 | 5300 | 5600 | 6100 | 6600 | 7100 | 7600 |  |
|          | Height, mast extended <sup>2)</sup> | $h_4$    | 4250 | 4550 | 4750 | 4950 | 5250 | 5750 | 6250 | 6750 | 4240           | 4540           | 4740           | 4940           | 5240           | 5540 | 5940 | 6240 | 6740 | 7240 | 7740 | 8240 |  |
|          | Free lift, without load backrest    | $h_2$    | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 1400<br>[1220] | 1550<br>[1370] | 1650<br>[1470] | 1810<br>[1630] | 2000<br>[1820] | 1425 | 1575 | 1675 | 1835 | 2025 | 2275 | 2525 |  |
|          | Free lift, with load backrest       | $h_n$    | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 150  | 785            | 935            | 1035           | 1195           | 1385           | 785  | 935  | 1035 | 1195 | 1385 | 1635 | 1885 |  |

1) Without load backrest

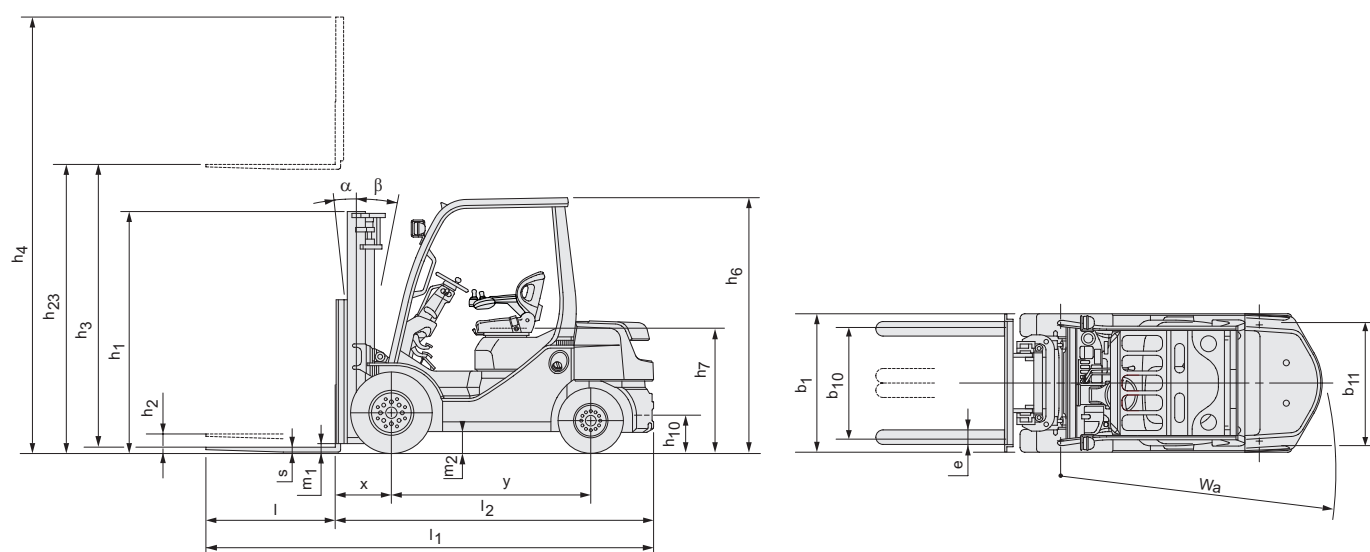
2) With load backrest: Height of standard load backrest is 1220 mm.

Data in [ ] are for when "A4 piping" is selected.

| Single tyre |                                      |     | V     |       |       |       |      |      |      |   | FV    |       |       |       |      | FSV  |      |      |      |      |     |   |
|-------------|--------------------------------------|-----|-------|-------|-------|-------|------|------|------|---|-------|-------|-------|-------|------|------|------|------|------|------|-----|---|
| 8FG/DF25    | Tilt range, forward                  | deg | 6     | 6     | 6     | 6     | 6    | 6    | 6    | — | 6     | 6     | 6     | 6     | 6    | 6    | 6    | 6    | 6    | —    |     |   |
|             | Tilt range, backward                 | deg | 11(6) | 11(6) | 11(6) | 11(6) | 9    | 6    | 6    | — | 11(6) | 11(6) | 11(6) | 11(6) | 9    | 6    | 6    | 6    | 6    | —    |     |   |
|             | Load capacity, P tyres at 500 mm LC  | kg  | 2500  | 2500  | 2500  | 2500  | 2500 | 2150 | 1700 | — | 2500  | 2500  | 2500  | 2500  | 2500 | 2300 | 2000 | 1500 | 1250 | 900  | 650 | — |
|             | Load capacity, SE tyres at 500 mm LC | kg  | 2500  | 2500  | 2500  | 2500  | 2500 | 2300 | 1850 | — | 2500  | 2500  | 2500  | 2500  | 2500 | 2300 | 2000 | 1650 | 1400 | 1050 | 750 | — |

| Dual tyre    |                                        |     | V     |       |       |       |       |       |      |      | FV    |       |       |       |       | FSV  |      |      |      |      |      |      |   |
|--------------|----------------------------------------|-----|-------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|---|
| 8FG/<br>Dr25 | Tilt range, forward                    | deg | 6     | 6     | 6     | 6     | 6     | 6     | 6    | 6    | 6     | 6     | 6     | 6     | 6     | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6 |
|              | Tilt range, backward                   | deg | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 6    | 6    | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6 |
|              | Load capacity, P/SE tyres at 500 mm LC | kg  | 2500  | 2500  | 2500  | 2500  | 2500  | 2450  | 2400 | 2300 | 2500  | 2500  | 2500  | 2500  | 2500  | 2500 | 2450 | 2400 | 2050 | 1700 | 1550 | 1200 |   |

Data in ( ) are for when "Cabin Series" is selected (minimum front windshield).





# Engine powered forklift 3.0 ton

| Truck specifications |      |                                                                       |                 |                 |  | 02-8FGF30     | 02-8FDF30             | 52-8FDF30         |
|----------------------|------|-----------------------------------------------------------------------|-----------------|-----------------|--|---------------|-----------------------|-------------------|
| Identification       | 1.1  | Manufacturer                                                          |                 |                 |  | TOYOTA        | TOYOTA                | TOYOTA            |
|                      | 1.2  | Model                                                                 |                 |                 |  | 02-8FGF30     | 02-8FDF30             | 52-8FDF30         |
|                      | 1.3  | Drive                                                                 |                 |                 |  | LPG           | Diesel                | Diesel            |
|                      | 1.4  | Operator type                                                         |                 |                 |  | Rider seated  | Rider seated          | Rider seated      |
|                      | 1.5  | Load capacity/rated load                                              | Q               | kg              |  | 3000          | 3000                  | 3000              |
|                      | 1.6  | Load centre                                                           | c               | mm              |  | 500           | 500                   | 500               |
|                      | 1.8  | Load distance, centre of drive axle to fork                           | x               | mm              |  | 485           | 485                   | 485               |
|                      | 1.9  | Wheelbase                                                             | y               | mm              |  | 1700          | 1700                  | 1700              |
| Weight               | 2.1  | Service weight                                                        |                 | kg              |  | 4210          | 4250                  | 4280              |
|                      | 2.2  | Axle load, with load, front/rear                                      |                 | kg              |  | 6230/980      | 6260/990              | 6280/1000         |
|                      | 2.3  | Axle load, without load, front/rear                                   |                 | kg              |  | 1490/2720     | 1530/2720             | 1540/2740         |
| Tyres                | 3.1  | Tyre - pneumatic (P), pneumatic shaped cushion (SE), solid rubber (R) |                 |                 |  | SE            | SE                    | SE                |
|                      | 3.2  | Tyre size, front                                                      |                 |                 |  | 28x9-15       | 28x9-15               | 28x9-15           |
|                      | 3.3  | Tyre size, rear                                                       |                 |                 |  | 6,50-10       | 6,50-10               | 6,50-10           |
|                      | 3.5  | Wheels, number front/rear (x = driven wheels)                         |                 |                 |  | 2x/2          | 2x/2                  | 2x/2              |
|                      | 3.6  | Track width, front                                                    | b <sub>10</sub> | mm              |  | 1010          | 1010                  | 1010              |
|                      | 3.7  | Track width, rear                                                     | b <sub>11</sub> | mm              |  | 965           | 965                   | 965               |
| Dimensions           | 4.1  | Tilt of mast/fork carriage forward/backward                           | $\alpha/\beta$  | deg             |  | 6/11          | 6/11                  | 6/11              |
|                      | 4.2  | Height, mast lowered                                                  | h <sub>1</sub>  | mm              |  | 2010          | 2010                  | 2010              |
|                      | 4.3  | Free lift                                                             | h <sub>2</sub>  | mm              |  | 135           | 135                   | 135               |
|                      | 4.4  | Lift                                                                  | h <sub>3</sub>  | mm              |  | 2955          | 2955                  | 2955              |
|                      |      | Lift height                                                           | h <sub>23</sub> | mm              |  | 3000          | 3000                  | 3000              |
|                      | 4.5  | Height, mast extended                                                 | h <sub>4</sub>  | mm              |  | 4260          | 4260                  | 4260              |
|                      | 4.7  | Height of overhead guard (cab)                                        | h <sub>6</sub>  | mm              |  | 2170          | 2170                  | 2170              |
|                      | 4.8  | Seat height                                                           | h <sub>7</sub>  | mm              |  | 1110          | 1110                  | 1110              |
|                      | 4.12 | Coupling height                                                       | h <sub>10</sub> | mm              |  | 335           | 335                   | 335               |
|                      | 4.19 | Overall length                                                        | l <sub>1</sub>  | mm              |  | 3780          | 3780                  | 3780              |
|                      | 4.20 | Length to face of forks                                               | l <sub>2</sub>  | mm              |  | 2780          | 2780                  | 2780              |
|                      | 4.21 | Overall width                                                         | b <sub>1</sub>  | mm              |  | 1240          | 1240                  | 1240              |
|                      | 4.22 | Fork dimensions                                                       | s/e/l           | mm              |  | 45/100/1000   | 45/100/1000           | 45/100/1000       |
|                      | 4.23 | Fork carriage DIN 15 173, class/type A, B                             |                 |                 |  | IIIA          | IIIA                  | IIIA              |
|                      | 4.24 | Fork-carriage width                                                   | b <sub>3</sub>  | mm              |  | 1070          | 1070                  | 1070              |
|                      | 4.31 | Ground clearance, with load, below mast                               | m <sub>1</sub>  | mm              |  | 110           | 110                   | 110               |
|                      | 4.32 | Ground clearance, centre of wheelbase                                 | m <sub>2</sub>  | mm              |  | 180           | 180                   | 180               |
|                      | 4.33 | Aisle width for pallets 1000x1200 crossways                           | A <sub>st</sub> | mm              |  | 4115          | 4115                  | 4115              |
|                      | 4.34 | Aisle width for pallets 800x1200 lengthways                           | A <sub>st</sub> | mm              |  | 4315          | 4315                  | 4315              |
|                      | 4.35 | Turning radius                                                        | W <sub>a</sub>  | mm              |  | 2430          | 2430                  | 2430              |
|                      | 4.36 | Internal turning radius                                               | b <sub>13</sub> | mm              |  | 720           | 720                   | 720               |
| Performance data     | 5.1  | Travel speed, with/without load                                       |                 | km/h            |  | 18,5/19,0     | 16,0/16,5             | 18,5/19,0         |
|                      | 5.2  | Lift speed, with/without load                                         |                 | m/s             |  | 0,51/0,55     | 0,44/0,47             | 0,50/0,53         |
|                      | 5.3  | Lowering speed, with/without load                                     |                 | m/s             |  | 0,50/0,50     | 0,50/0,50             | 0,50/0,50         |
|                      | 5.6  | Max. drawbar pull, with/without load                                  |                 | N               |  | 18000/10300   | 18400/10400           | 19500/10500       |
|                      | 5.7  | Gradeability, with load <sup>1) 2)</sup>                              |                 | %               |  | 23            | 24                    | 25                |
|                      | 5.8  | Max. gradeability, with/without load <sup>2)</sup>                    |                 | %               |  | 26/20         | 27/20                 | 28/20             |
|                      | 5.10 | Service brake                                                         |                 |                 |  | Hydraulic     | Hydraulic             | Hydraulic         |
| Combustion engine    | 7.1  | Engine manufacturer/type                                              |                 |                 |  | Toyota 4Y-ECS | Toyota 1DZ-III (IIIA) | Toyota 1ZS (IIIB) |
|                      | 7.2  | Engine power according to ISO 1585                                    |                 | kW              |  | 42            | 36                    | 41                |
|                      | 7.3  | Rated speed                                                           |                 | 1/min           |  | 2570          | 2400                  | 2200              |
|                      | 7.4  | No. of cylinders/displacement                                         |                 | cm <sup>3</sup> |  | 4/2237        | 4/2486                | 3/1795            |
|                      | 7.5a | Fuel consumption according to VDI 60                                  |                 | l/h             |  | —             | 4,3                   | 3,6               |
|                      | 7.5b | Fuel consumption according to VDI 60                                  |                 | kg/h            |  | 3,4           | —                     | —                 |
| Others               | 8.2  | Operating pressure for attachments                                    |                 | bar             |  | 147           | 147                   | 147               |
|                      | 8.3  | Oil volume for attachments                                            |                 | l/min           |  | 65 - 74       | 65 - 75               | 65 - 80           |
|                      | 8.4  | Sound level at the driver's ear according to EN 12 053                |                 | dB(A)           |  | 77            | 79                    | 77                |

<sup>1)</sup> At 1,5 km/h

<sup>2)</sup> Computed values

Performance data and dimensions are nominal and subject to tolerances.

Specifications are subject to change without notice.

Please obtain the latest specifications before contracting products.



# Mast dimensions and rated capacities

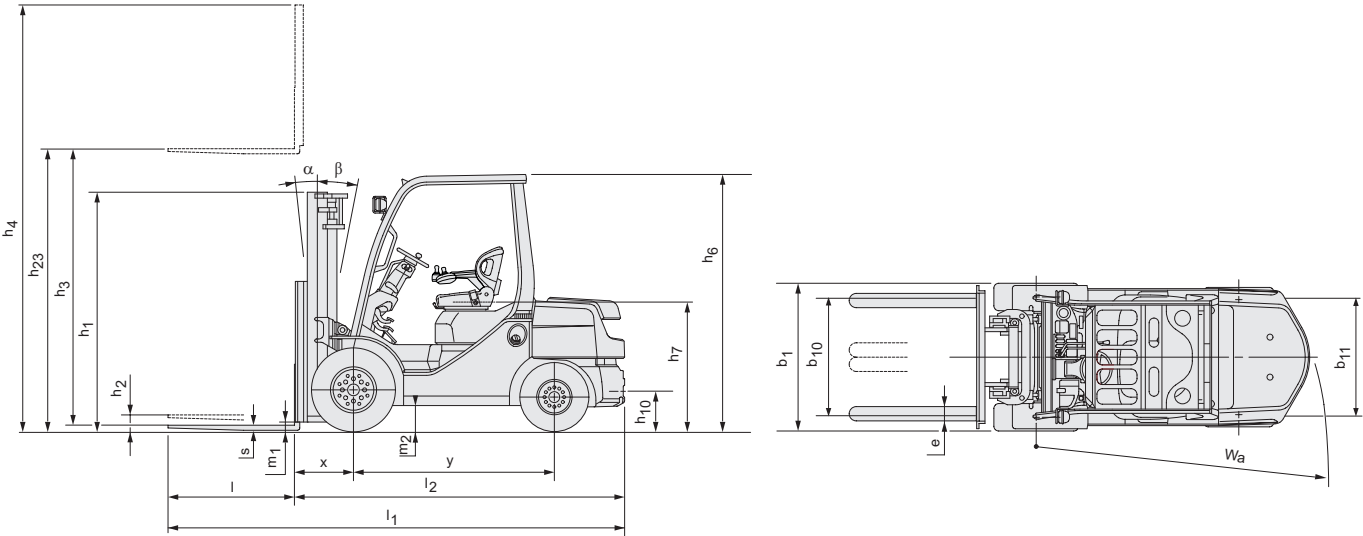
| Model    |                                     |          | V    |      |      |      |      |      |      |      |      |  | FV             |                |                |                |                | FSV  |      |      |      |      |      |      |  |  |  |
|----------|-------------------------------------|----------|------|------|------|------|------|------|------|------|------|--|----------------|----------------|----------------|----------------|----------------|------|------|------|------|------|------|------|--|--|--|
| 8FG/DF30 | Lift height                         | $h_{23}$ | 3000 | 3300 | 3500 | 3700 | 4000 | 4500 | 5000 | 5500 | 6000 |  | 3000           | 3300           | 3500           | 3700           | 4000           | 4300 | 4700 | 5000 | 5500 | 6000 | 6500 | 7000 |  |  |  |
|          | Lift                                | $h_3$    | 2955 | 3255 | 3455 | 3655 | 3955 | 4455 | 4955 | 5455 | 5955 |  | 2955           | 3255           | 3455           | 3655           | 3955           | 4255 | 4655 | 4955 | 5455 | 5955 | 6455 | 6955 |  |  |  |
|          | Height, mast lowered                | $h_1$    | 2010 | 2160 | 2260 | 2420 | 2610 | 2860 | 3110 | 3360 | 3650 |  | 2010           | 2160           | 2260           | 2420           | 2610           | 2160 | 2260 | 2420 | 2610 | 2860 | 3110 | 3360 |  |  |  |
|          | Height, mast extended <sup>1)</sup> | $h_4$    | 3765 | 4065 | 4265 | 4465 | 4765 | 5265 | 5765 | 6265 | 6765 |  | 3650           | 3950           | 4150           | 4350           | 4650           | 4950 | 5350 | 5650 | 6150 | 6650 | 7150 | 7650 |  |  |  |
|          | Height, mast extended <sup>2)</sup> | $h_4$    | 4260 | 4560 | 4760 | 4960 | 5260 | 5760 | 6260 | 6760 | 7260 |  | 4250           | 4550           | 4750           | 4950           | 5250           | 5550 | 5950 | 6250 | 6750 | 7250 | 7750 | 8250 |  |  |  |
|          | Free lift, without load backrest    | $h_2$    | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  |  | 1400<br>[1145] | 1550<br>[1295] | 1650<br>[1395] | 1810<br>[1555] | 2000<br>[1745] | 1550 | 1650 | 1810 | 2000 | 2250 | 2500 | 2750 |  |  |  |
|          | Free lift, with load backrest       | $h_2$    | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  |  | 800            | 950            | 1050           | 1210           | 1400           | 950  | 1050 | 1210 | 1400 | 1650 | 1900 | 2150 |  |  |  |

- 1) Without load backrest  
2) With load backrest; Height of standard load backrest is 1220 mm.  
Data in [ ] are for when "A4 piping" is selected.

| Single tyre |                                      |     | V     |       |       |       |       |      |      |   |   |  | FV    |       |       |       |       | FSV  |      |      |      |      |      |   |  |  |  |
|-------------|--------------------------------------|-----|-------|-------|-------|-------|-------|------|------|---|---|--|-------|-------|-------|-------|-------|------|------|------|------|------|------|---|--|--|--|
| 8FG/DF30    | Tilt range, forward                  | deg | 6     | 6     | 6     | 6     | 6     | 6    | 6    | — | — |  | 6     | 6     | 6     | 6     | 6     | 6    | 6    | 6    | 6    | 6    | 6    | — |  |  |  |
|             | Tilt range, backward                 | deg | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 6    | 6    | — | — |  | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 6    | 6    | 6    | 6    | 6    | 6    | — |  |  |  |
|             | Load capacity, P tyres at 500 mm LC  | kg  | 3000  | 3000  | 3000  | 3000  | 3000  | 3000 | 2600 | — | — |  | 3000  | 3000  | 3000  | 3000  | 3000  | 3000 | 3000 | 2600 | 1900 | 1500 | 1000 | — |  |  |  |
|             | Load capacity, SE tyres at 500 mm LC | kg  | 3000  | 3000  | 3000  | 3000  | 3000  | 3000 | 2750 | — | — |  | 3000  | 3000  | 3000  | 3000  | 3000  | 3000 | 3000 | 2750 | 2050 | 1650 | 1100 | — |  |  |  |

| Dual tyre |                                     |     | V     |       |       |       |       |       |      |      |      |  | FV    |       |       |       |       | FSV  |      |      |      |      |      |      |  |  |  |
|-----------|-------------------------------------|-----|-------|-------|-------|-------|-------|-------|------|------|------|--|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|--|--|--|
| 8FG/DF30  | Tilt range, forward                 | deg | 6     | 6     | 6     | 6     | 6     | 6     | 6    | 6    | 6    |  | 6     | 6     | 6     | 6     | 6     | 6    | 6    | 6    | 6    | 6    | 6    | 6    |  |  |  |
|           | Tilt range, backward                | deg | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 6    | 6    | 6    |  | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 6    | 6    | 6    | 6    | 6    | 6    | 6    |  |  |  |
|           | Load capacity, P tyres at 500 mm LC | kg  | 3000  | 3000  | 3000  | 3000  | 3000  | 3000  | 3000 | 2550 | 2050 |  | 3000  | 3000  | 3000  | 3000  | 3000  | 3000 | 3000 | 2950 | 2650 | 2050 | 1600 | 1200 |  |  |  |

Data in ( ) are for when "Cabin Series" is selected (minimum front windshield).



# Engine powered forklift 3.5 ton

| Truck specifications |      |                                                                       |                 |                 | 02-8FGJF35    | 02-8FDJF35            | 52-8FDJF35        |
|----------------------|------|-----------------------------------------------------------------------|-----------------|-----------------|---------------|-----------------------|-------------------|
| Identification       | 1.1  | Manufacturer                                                          |                 |                 | TOYOTA        | TOYOTA                | TOYOTA            |
|                      | 1.2  | Model                                                                 |                 |                 | 02-8FGJF35    | 02-8FDJF35            | 52-8FDJF35        |
|                      | 1.3  | Drive                                                                 |                 |                 | LPG           | Diesel                | Diesel            |
|                      | 1.4  | Operator type                                                         |                 |                 | Rider seated  | Rider seated          | Rider seated      |
|                      | 1.5  | Load capacity/rated load                                              | Q               | kg              | 3500          | 3500                  | 3500              |
|                      | 1.6  | Load centre                                                           | c               | mm              | 500           | 500                   | 500               |
|                      | 1.8  | Load distance, centre of drive axle to fork                           | x               | mm              | 495           | 495                   | 495               |
|                      | 1.9  | Wheelbase                                                             | y               | mm              | 1700          | 1700                  | 1700              |
| Weight               | 2.1  | Service weight                                                        |                 | kg              | 4820          | 4860                  | 4890              |
|                      | 2.2  | Axle load, with load, front/rear                                      |                 | kg              | 7250/1070     | 7260/1100             | 7280/1110         |
|                      | 2.3  | Axle load, without load, front/rear                                   |                 | kg              | 1690/3130     | 1710/3150             | 1720/3170         |
| Tyres                | 3.1  | Tyre - pneumatic (P), pneumatic shaped cushion (SE), solid rubber (R) |                 |                 | SE            | SE                    | SE                |
|                      | 3.2  | Tyre size, front                                                      |                 |                 | 250 - 15      | 250 - 15              | 250 - 15          |
|                      | 3.3  | Tyre size, rear                                                       |                 |                 | 6.50 - 10     | 6.50 - 10             | 6.50 - 10         |
|                      | 3.5  | Wheels, number front/rear (x = driven wheels)                         |                 |                 | 2x/2          | 2x/2                  | 2x/2              |
|                      | 3.6  | Track width, front                                                    | b <sub>10</sub> | mm              | 1060          | 1060                  | 1060              |
|                      | 3.7  | Track width, rear                                                     | b <sub>11</sub> | mm              | 965           | 965                   | 965               |
| Dimensions           | 4.1  | Tilt of mast/fork carriage forward/backward                           | $\alpha/\beta$  | deg             | 6/11          | 6/11                  | 6/11              |
|                      | 4.2  | Height, mast lowered                                                  | h <sub>1</sub>  | mm              | 2115          | 2115                  | 2115              |
|                      | 4.3  | Free lift                                                             | h <sub>2</sub>  | mm              | 135           | 135                   | 135               |
|                      | 4.4  | Lift                                                                  | h <sub>3</sub>  | mm              | 2955          | 2955                  | 2955              |
|                      |      | Lift height                                                           | h <sub>23</sub> | mm              | 3000          | 3000                  | 3000              |
|                      | 4.5  | Height, mast extended                                                 | h <sub>4</sub>  | mm              | 4260          | 4260                  | 4260              |
|                      | 4.7  | Height of overhead guard (cab)                                        | h <sub>6</sub>  | mm              | 2180          | 2180                  | 2180              |
|                      | 4.8  | Seat height                                                           | h <sub>7</sub>  | mm              | 1120          | 1120                  | 1120              |
|                      | 4.12 | Coupling height                                                       | h <sub>10</sub> | mm              | 335           | 335                   | 335               |
|                      | 4.19 | Overall length                                                        | l <sub>1</sub>  | mm              | 3850          | 3850                  | 3850              |
|                      | 4.20 | Length to face of forks                                               | l <sub>2</sub>  | mm              | 2850          | 2850                  | 2850              |
|                      | 4.21 | Overall width                                                         | b <sub>1</sub>  | mm              | 1290          | 1290                  | 1290              |
|                      | 4.22 | Fork dimensions                                                       | s/e/l           | mm              | 45/125/1000   | 45/125/1000           | 45/125/1000       |
|                      | 4.23 | Fork carriage DIN 15 173, class/type A, B                             |                 |                 | IIIA          | IIIA                  | IIIA              |
|                      | 4.24 | Fork-carriage width                                                   | b <sub>3</sub>  | mm              | 1070          | 1070                  | 1070              |
|                      | 4.31 | Ground clearance, with load, below mast                               | m <sub>1</sub>  | mm              | 130           | 130                   | 130               |
|                      | 4.32 | Ground clearance, centre of wheelbase                                 | m <sub>2</sub>  | mm              | 190           | 190                   | 190               |
|                      | 4.33 | Aisle width for pallets 1000x1200 crossways                           | A <sub>st</sub> | mm              | 4185          | 4185                  | 4185              |
|                      | 4.34 | Aisle width for pallets 800x1200 lengthways                           | A <sub>st</sub> | mm              | 4385          | 4385                  | 4385              |
|                      | 4.35 | Turning radius                                                        | W <sub>a</sub>  | mm              | 2490          | 2490                  | 2490              |
|                      | 4.36 | Internal turning radius                                               | b <sub>13</sub> | mm              | 745           | 745                   | 745               |
| Performance data     | 5.1  | Travel speed, with/without load                                       |                 | km/h            | 19,0/19,5     | 16,5/17,0             | 19,0/19,5         |
|                      | 5.2  | Lift speed, with/without load                                         |                 | m/s             | 0,43/0,45     | 0,37/0,40             | 0,42/0,45         |
|                      | 5.3  | Lowering speed, with/without load                                     |                 | m/s             | 0,50/0,45     | 0,50/0,45             | 0,50/0,45         |
|                      | 5.6  | Max. drawbar pull, with/without load                                  |                 | N               | 17000/10500   | 17100/10600           | 18500/10600       |
|                      | 5.7  | Gradeability, with load <sup>1) 2)</sup>                              |                 | %               | 18            | 19                    | 19                |
|                      | 5.8  | Max. gradeability, with/without load <sup>2)</sup>                    |                 | %               | 20/18         | 21/19                 | 21/19             |
|                      | 5.10 | Service brake                                                         |                 |                 | Hydraulic     | Hydraulic             | Hydraulic         |
| Combustion engine    | 7.1  | Engine manufacturer/type                                              |                 |                 | Toyota 4Y-ECS | Toyota 1DZ-III (IIIA) | Toyota 1ZS (IIIB) |
|                      | 7.2  | Engine power according to ISO 1585                                    |                 | kW              | 42            | 36                    | 41                |
|                      | 7.3  | Rated speed                                                           |                 | 1/min           | 2570          | 2400                  | 2200              |
|                      | 7.4  | No. of cylinders/displacement                                         |                 | cm <sup>3</sup> | 4/2237        | 4/2486                | 3/1795            |
|                      | 7.5a | Fuel consumption according to VDI 60                                  |                 | l/h             | —             | 4,9                   | 3,9               |
|                      | 7.5b | Fuel consumption according to VDI 60                                  |                 | kg/h            | 3,8           | —                     | —                 |
| Others               | 8.2  | Operating pressure for attachments                                    |                 | bar             | 147           | 147                   | 147               |
|                      | 8.3  | Oil volume for attachments                                            |                 | l/min           | 65 - 74       | 65 - 80               | 65 - 80           |
|                      | 8.4  | Sound level at the driver's ear according to EN 12 053                |                 | dB(A)           | 77            | 79                    | 77                |

<sup>1)</sup> At 1,5 km/h

<sup>2)</sup> Computed val

Performance data and dimensions are nominal and subject to tolerances.

Specifications are subject to change without notice.

Please obtain the latest specifications before contracting products.

# Mast dimensions and rated capacities

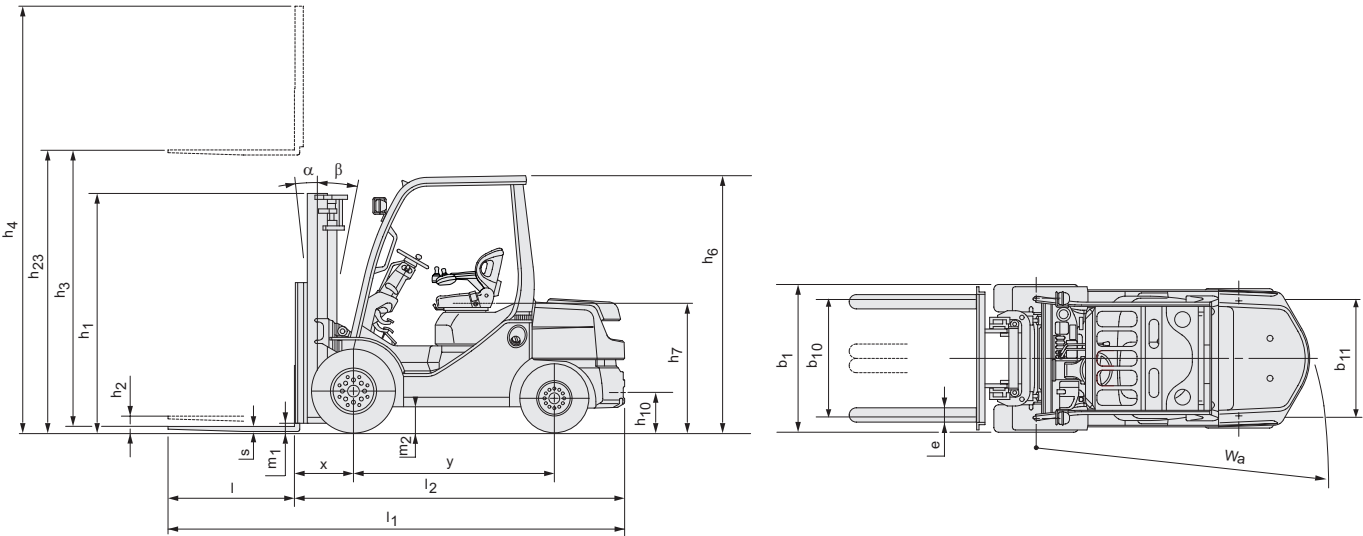
| Model     |                                     |          | V    |      |      |      |      |      |      |      |      |                | FV             |                |                |                |      | FSV  |      |      |      |      |      |  |  |
|-----------|-------------------------------------|----------|------|------|------|------|------|------|------|------|------|----------------|----------------|----------------|----------------|----------------|------|------|------|------|------|------|------|--|--|
| 8FG/DJF35 | Lift height                         | $h_{23}$ | 3000 | 3300 | 3500 | 3700 | 4000 | 4500 | 5000 | 5500 | 6000 | 3000           | 3300           | 3500           | 3700           | 4000           | 4300 | 4700 | 5000 | 5500 | 6000 | 6500 | 7000 |  |  |
|           | Lift                                | $h_3$    | 2955 | 3255 | 3455 | 3655 | 3955 | 4455 | 4955 | 5455 | 5955 | 2955           | 3255           | 3455           | 3655           | 3955           | 4255 | 4655 | 4955 | 5455 | 5955 | 6455 | 6955 |  |  |
|           | Height, mast lowered                | $h_1$    | 2115 | 2295 | 2395 | 2495 | 2745 | 2995 | 3245 | 3545 | 3795 | 2115           | 2295           | 2395           | 2495           | 2745           | 2230 | 2435 | 2625 | 2875 | 3125 | 3375 | 3625 |  |  |
|           | Height, mast extended <sup>1)</sup> | $h_4$    | 3910 | 4210 | 4410 | 4610 | 4910 | 5410 | 5910 | 6410 | 6910 | 3765           | 4065           | 4265           | 4465           | 4765           | 5065 | 5465 | 5765 | 6265 | 6765 | 7265 | 7765 |  |  |
|           | Height, mast extended <sup>2)</sup> | $h_4$    | 4260 | 4560 | 4760 | 4960 | 5260 | 5760 | 6260 | 6760 | 7260 | 4250           | 4550           | 4750           | 4950           | 5250           | 5550 | 5950 | 6250 | 6750 | 7250 | 7750 | 8250 |  |  |
|           | Free lift, without load backrest    | $h_2$    | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 1390<br>[1290] | 1570<br>[1470] | 1670<br>[1570] | 1770<br>[1670] | 2020<br>[1920] | 1500 | 1710 | 1900 | 2150 | 2400 | 2650 | 2900 |  |  |
|           | Free lift, with load backrest       | $h_2$    | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 135  | 905            | 1085           | 1185           | 1285           | 1535           | 1015 | 1225 | 1415 | 1665 | 1915 | 2165 | 2415 |  |  |

- 1) Without load backrest  
2) With load backrest; Height of standard load backrest is 1220 mm.  
Data in [ ] are for when "A4 piping" is selected.

| Single tyre |                                      |     | V     |       |       |       |       |      |      |   |   |       | FV    |       |       |       |      | FSV  |      |      |      |      |   |  |  |
|-------------|--------------------------------------|-----|-------|-------|-------|-------|-------|------|------|---|---|-------|-------|-------|-------|-------|------|------|------|------|------|------|---|--|--|
| 8FG/DJF35   | Tilt range, forward                  | deg | 6     | 6     | 6     | 6     | 6     | 6    | 6    | — | — | 6     | 6     | 6     | 6     | 6     | 6    | 6    | 6    | 6    | 6    | —    |   |  |  |
|             | Tilt range, backward                 | deg | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 6    | 6    | — | — | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 6    | 6    | 6    | 6    | 6    | —    |   |  |  |
|             | Load capacity, P tyres at 500 mm LC  | kg  | 3500  | 3500  | 3500  | 3500  | 3500  | 3500 | 3300 | — | — | 3500  | 3500  | 3500  | 3500  | 3500  | 3500 | 3400 | 3300 | 2700 | 2000 | 1100 | — |  |  |
|             | Load capacity, SE tyres at 500 mm LC | kg  | 3500  | 3500  | 3500  | 3500  | 3500  | 3500 | 3400 | — | — | 3500  | 3500  | 3500  | 3500  | 3500  | 3500 | 3400 | 3300 | 2850 | 2150 | 1100 | — |  |  |

| Dual tyre     |                                     |     | V     |       |       |       |       |       |      |      |      |   | FV    |       |       |       |       | FSV  |      |      |      |      |      |     |  |
|---------------|-------------------------------------|-----|-------|-------|-------|-------|-------|-------|------|------|------|---|-------|-------|-------|-------|-------|------|------|------|------|------|------|-----|--|
| 8FG/<br>DJF35 | Tilt range, forward                 | deg | 6     | 6     | 6     | 6     | 6     | 6     | 6    | 6    | 6    | 6 | 6     | 6     | 6     | 6     | 6     | 6    | 6    | 6    | 6    | 6    | 6    |     |  |
|               | Tilt range, backward                | deg | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 6    | 6    | 6    | 6 | 11(6) | 11(6) | 11(6) | 11(6) | 11(6) | 6    | 6    | 6    | 6    | 6    | 6    |     |  |
|               | Load capacity, P tyres at 500 mm LC | kg  | 3500  | 3500  | 3500  | 3500  | 3500  | 3500  | 3400 | 2950 | 1900 |   | 3500  | 3500  | 3500  | 3500  | 3500  | 3500 | 3400 | 3300 | 3200 | 2400 | 1650 | 900 |  |

Data in ( ) are for when "Cabin Series" is selected (minimum front windshield).



## Standard equipments:

- Toyota SAS (System of Active Stability\*)
- Toyota OPS (Operator Presence Sensing)
- Toyota ORS seat (Operator Restraint System)
- Wide visible mast (V3000 mm)
- Load backrest (Height: 1220 mm)
- Long forks (Length: 1000 mm)
- Long forkbar [Length: 920 mm (8FG/DF15.18); 1020 mm (8FG/DKF20, 8FG/ DF20.25); 1070 mm (8FG/DF30,8FG/DJF35)]
- 3-way valve (A400)
- Dual brake system
- Pneumatic shaped cushion tyres
- Full hydraulic power steering
- 7" cyclone air cleaner with snorkel air intake
- Anti-restart ignition key switch
- Long life coolant 50%
- Headlights
- Rear combination lights
- Combination meter including self diagnostic system
- Adjustable tilt steering column
- Polycarbonate roof
- Tilt cylinder boots (STD on 1ZS engine only)

\* = When dual tyres are selected, the Active Control Rear Stabilizer function of the SAS system of Active Stability (SAS) is not included.



TP-Technical Publications, Sweden — 745562-040, version 8, 2017-08-03