

TOYOTA FORKLIFT

Industry Leading Design
and Performance



INDUSTRY LEADING DESIGN AND PERFORMANCE

Toyota Material Handling International is a total solution provider within the material handling business. With a leading position in material handling and financial strengths to back it up, we provide worldwide logistic solutions and high-quality products to optimize our customer's operations.

Toyota's range of forklifts are developed by personnel who can utilise the advantages of Toyota's advanced manufacturing technologies and built to the same exceptional standards of quality and reliability as the company's automotive products. These two components are the key to Toyota Forklift's success, and a major reason why so many customers continue to buy Toyota Forklift products time and time again.

Toyota Forklift is also committed to responsible environmental policies and the development of processes to reduce forklift emission levels. By employing automobile technologies, cleaner and more powerful engines have been developed. Advanced Toyota technology also ensures lower noise and vibration levels, and reduced fuel consumption levels.



Outstanding Comfort & Visibility



Efficiency-Boosting Operability



Top-Class Stability



Environmental Friendliness



Built-in Reliability



Serviceability

THE SAME HIGH QUALITY AS ALWAYS

Continuing the tradition of high quality with reliable components, we support your operations with durable, high-quality products that you can use whenever you want.

THE MASTERY OF TRUE POTENTIAL

Mastery of any undertaking can only be achieved if there is true potential an unwavering dedication to excellence. To Toyota, this is the proud culmination of 50 years in the pursuit of mastery in the development and manufacture of forklifts.

ENGINE POWERED



8FG / 8FD

1.0 ton - 3.5 ton

| MAIN SPECIFICATIONS | | | | | | |
|----------------------------------|--------|---------|--------|---------|--------|---------|
| Model | 8FG10 | 8FD10 | 8FG15 | 8FD15 | 8FG18 | 8FD18 |
| Engine Model | 4Y Gas | DZ-II D | 4Y Gas | DZ-II D | 4Y Gas | DZ-II D |
| Load Capacity (kg) | 1 000 | | 1 500 | | 1 750 | |
| Load Center (mm) | 500 | | 500 | | 500 | |
| A - Overall Width (mm) | 1 045 | | 1 070 | | 1 070 | |
| B - Turning Radius- outside (mm) | 1 910 | | 1 990 | | 2 010 | |
| C - Overhead Guard Height (mm) | 2 080 | | 2 080 | | 2 080 | |
| D - Length to Fork Face (mm) | 2 240 | | 2 285 | | 2 310 | |
| Model | 8FGK20 | 8FDK20 | 8FG20 | 8FD20 | 8FGK25 | 8FDK25 |
| Engine Model | 4Y Gas | DZ-II D | 4Y Gas | DZ-II D | 4Y Gas | DZ-II D |
| Load Capacity (kg) | 2 000 | | 2 000 | | 2 500 | |
| Load Center (mm) | 500 | | 500 | | 500 | |
| A - Overall Width (mm) | 1 155 | | 1 150 | | 1 155 | |
| B - Turning Radius- outside (mm) | 2 040 | | 2 200 | | 2 090 | |
| C - Overhead Guard Height (mm) | 2 085 | | 2 110 | | 2 085 | |
| D - Length to Fork Face (mm) | 2 360 | | 2 550 | | 2 420 | |
| Model | 8FG25 | 8FD25 | 8FGK30 | 8FDK30 | 8FG30 | 8FD30 |
| Engine Model | 4Y Gas | DZ-II D | 4Y Gas | DZ-II D | 4Y Gas | DZ-II D |
| Load Capacity (kg) | 2 500 | | 3 000 | | 3 000 | |
| Load Center (mm) | 500 | | 500 | | 500 | |
| A - Overall Width (mm) | 1 150 | | 1 255 | | 1 240 | |
| B - Turning Radius- outside (mm) | 2 280 | | 2 130 | | 2 430 | |
| C - Overhead Guard Height (mm) | 2 110 | | 2 085 | | 2 170 | |
| D - Length to Fork Face (mm) | 2 620 | | 2 505 | | 2 775 | |
| Model | 8FGJ35 | 8FDJ35 | | | | |
| Engine Model | 4Y Gas | DZ-II D | | | | |
| Load Capacity (kg) | 3 500 | | | | | |
| Load Center (mm) | 500 | | | | | |
| A - Overall Width (mm) | 1 290 | | | | | |
| B - Turning Radius- outside (mm) | 2 490 | | | | | |
| C - Overhead Guard Height (mm) | 2 180 | | | | | |
| D - Length to Fork Face (mm) | 2 845 | | | | | |

| ENGINE SPECIFICATIONS | | | |
|---------------------------|---------------------|---------------------|-----------|
| Engine Model - TOYOTA | 4Y Gasoline | DZ-II Diesel | 2Z Diesel |
| Piston Displacement (cc) | 2 237 | 2 486 | 3 469 |
| Rated Power/r.p.m. (kW) | 40/2 400 (43/2 600) | 40/2 400 (44/2 600) | 49/2 200 |
| Rated Torque/r.p.m. (N-m) | 162/1 800 | 167/1 600 | 216/1 600 |

8FG / 8FD

3.5 ton - 8.0 ton

| MAIN SPECIFICATIONS | | | | | | |
|----------------------------------|--------|--------|--------|--------|---------|----------|
| Model | 8FG35N | 8FD35N | 8FG40N | 8FD40N | 8FGM40N | 8FDM40N* |
| Engine Model | 1FS | 14Z-I | 1FS | 14Z-I | 1FS | 14Z-I |
| Load Capacity (kg) | 3 500 | | 4 000 | | 4 000 | |
| Load Center (mm) | 600 | | 600 | | 600 | |
| A - Overall Width (mm) | 1 350 | | 1 350 | | 1 450 | |
| B - Turning Radius- outside (mm) | 2 610 | | 2 660 | | 2 750 | |
| C - Overhead Guard Height (mm) | 2 210 | | 2 210 | | 2 300 | |
| D - Length to Fork Face (mm) | 2 925 | | 2 980 | | 3 110 | |
| Model | 8FG45N | 8FD45N | 8FG50N | 8FD50N | 8FG60N | 8FD60N |
| Engine Model | 1FS | 14Z-I | 1FS | 14Z-I | 1FS | 14Z-I |
| Load Capacity (kg) | 4 500 | | 5 000 | | 6 000 | |
| Load Center (mm) | 600 | | 600 | | 600 | |
| A - Overall Width (mm) | 1 450 | | 1 450 | | 1 965 | |
| B - Turning Radius- outside (mm) | 2 750 | | 2 810 | | 3 230 | |
| C - Overhead Guard Height (mm) | 2 300 | | 2 300 | | 2 310 | |
| D - Length to Fork Face (mm) | 3 110 | | 3 170 | | 3 490 | |
| Model | 8FG70N | 8FD70N | 8FG80N | 8FD80N | | |
| Engine Model | 1FS | 14Z-I | 1FS | 14Z-I | | |
| Load Capacity (kg) | 7 000 | | 8 000 | | | |
| Load Center (mm) | 600 | | 600 | | | |
| A - Overall Width (mm) | 1 965 | | 1 965 | | | |
| B - Turning Radius- outside (mm) | 3 280 | | 3 320 | | | |
| C - Overhead Guard Height (mm) | 2 310 | | 2 310 | | | |
| D - Length to Fork Face (mm) | 3 545 | | 3 590 | | | |

| ENGINE SPECIFICATIONS | | | | |
|---------------------------|-------------------------------|-----------------------------|-------------------------------|-----------------------------|
| Engine Model - TOYOTA | 1FS Gasoline | | 14Z-I Diesel | |
| Piston Displacement (cc) | 3 685 | | 5 204 | |
| Rated Power/r.p.m. (kW) | 65/2 350 (3.5-5ton models) | 69/2 550 (6-8ton models) | 56/2 100 (3.5-5ton models) | 66/2 400 (6-8ton models) |
| Rated Torque/r.p.m. (N-m) | 276/1 600 | | 269/1 600 | |

FGZN / FDZN

2.0 ton - 3.0 ton

| MAIN SPECIFICATIONS | | | | | | |
|----------------------------------|--------|---------|--------|---------|--------|---------|
| Model | FGZN20 | FDZN20 | FGZN25 | FDZN25 | FGZN30 | FDZN30 |
| Engine Model | 4Y Gas | DZ-II D | 4Y Gas | DZ-II D | 4Y Gas | DZ-II D |
| Load Capacity (kg) | 2 000 | | 2 500 | | 3 000 | |
| Load Center (mm) | 500 | | 500 | | 500 | |
| A - Overall Width (mm) | 1 150 | | 1 150 | | 1 150 | |
| B - Turning Radius- outside (mm) | 2 200 | | 2 260 | | 2 400 | |
| C - Overhead Guard Height (mm) | 2 130 | | 2 130 | | 2 195 | |
| D - Length to Fork Face (mm) | 2 570 | | 2 650 | | 2 770 | |

| ENGINE SPECIFICATIONS | | |
|---------------------------|-------------|--------------|
| Engine Model | 4Y Gasoline | DZ-II Diesel |
| Piston Displacement (cc) | 2 237 | 2 486 |
| Rated Power/r.p.m. (kW) | 30/2 000 | 35/2 200 |
| Rated Torque/r.p.m. (N-m) | 153/1 600 | 156/2 100 |

4FD

10.0 ton - 16.0 ton

| MAIN SPECIFICATIONS | | | |
|----------------------------------|-------------|-------------|-------------|
| Model | 4FD100 | 4FD115 | 4FD120 |
| Engine Model | HINO J08E-T | | |
| Load Capacity (kg) | 10 000 | 11 500 | 12 000 |
| Load Center (mm) | 600 | 600 | 600 |
| A - Overall Width (mm) | 2 315 | 2 385 | 2 385 |
| B - Turning Radius- outside (mm) | 4 000 | 4 000 | 4 000 |
| C - Overhead Guard Height (mm) | 2 930/2 970 | 2 945/2 985 | 2 945/2 985 |
| D - Length to Fork Face (mm) | 4 200 | 4 270 | 4 270 |
| Model | 4FD135 | 4FDK150 | 4FDK160 |
| Engine Model | HINO J08E-T | | |
| Load Capacity (kg) | 13 500 | 15 000 | 16 000 |
| Load Center (mm) | 600 | 600 | 600 |
| A - Overall Width (mm) | 2 415 | 2 415 | 2 485 |
| B - Turning Radius- outside (mm) | 4 300 | 4 300 | 4 450 |
| C - Overhead Guard Height (mm) | 2 960/3 000 | 2 960/3 000 | 2 980/3 020 |
| D - Length to Fork Face (mm) | 4 590 | 4 620 | 4 700 |

| ENGINE SPECIFICATIONS | | |
|---------------------------|-------------|--|
| Engine Model | HINO J08E-T | |
| Piston Displacement (cc) | 7 684 | |
| Rated Power/r.p.m. (kW) | 125 /2 300 | |
| (JIS) ps | 170 /2 300 | |
| Rated Torque/r.p.m. (N-m) | 550 /1 600 | |
| (JIS kgfm) | 56 /1 600 | |

* 4Y Gas = TOYOTA 4Y Gasoline
DZ-II D = TOYOTA DZ-II Diesel

THE SAME HIGH QUALITY AS ALWAYS
THE MASTERY OF TRUE POTENTIAL
ADVANCED TECHNOLOGY

ELECTRIC POWERED



8FBN

1.5 ton - 3.0 ton

| MAIN SPECIFICATIONS | | | | | |
|----------------------------------|--------|--------|--------|--------|--------|
| Model | 8FBN15 | 8FBN18 | 8FBN20 | 8FBN25 | 8FBN30 |
| Load Capacity (kg) | 1 500 | 1 750 | 2 000 | 2 500 | 3 000 |
| Load Center (mm) | 500 | 500 | 500 | 500 | 500 |
| A - Overall Width (mm) | 1 060 | 1 065 | 1 180 | 1 180 | 1 235 |
| B - Turning Radius- outside (mm) | 1 770 | 1 780 | 1 980 | 2 000 | 2 210 |
| C - Overhead Guard Height (mm) | 2 085 | 2 095 | 2 085 | 2 085 | 2 255 |
| D - Length to Fork Face (mm) | 2 080 | 2 115 | 2 250 | 2 325 | 2 485 |

| BATTERY AND MOTOR SPECIFICATIONS | | | | | | |
|-----------------------------------|--------------------|--------|--------|--------|--------|--------|
| Model | | 8FBN15 | 8FBN18 | 8FBN20 | 8FBN25 | 8FBN30 |
| Voltage/Capacity (5-hour ratings) | Min. (V/Ah) | 48/390 | 48/390 | 48/470 | 48/565 | 80/370 |
| | Max. (V/Ah) | 48/565 | 48/565 | 48/725 | 48/725 | 80/480 |
| Electric Motors | Drive (kW) | 7.6 | 7.6 | 10.7 | 10.7 | 11.9 |
| | Load Handling (kW) | 9.5 | 9.5 | 12.2 | 12.2 | 14.4 |

ADVANCED TECHNOLOGY

TOYOTA BUILT ENGINES

Transmission: Stable performance and smooth power transmission, transmission of burly power to the wheels.

Hydraulic Components: Stable performance with high reliability and durability, angle control for and tilt operations.

Control Valves: Precise control with high reliability and durability, accurate control of hydraulic flow.



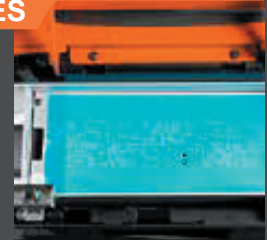
I_SITE

The I_Sitesystem collects a wide range of operational data and displays it in a visual form. Content is customizable to match the objective related to safety, productivity, the environment and more.



LITHIUM-ION BATTERIES

Toyota Material Handling offer a complete energy solution with in-house assembled li-ion batteries for electric warehouse trucks, offering energy savings across the electric range.





CFAO MOTORS ZAMBIA LIMITED FORKLIFT SERVICE, REPAIRS AND VALUE-ADDED SUPPORT

CFAO Motors Zambia offers a wide range of forklift maintenance including minor and major forklift service and repairs.

VALUED ADDED SUPPORT SERVICES


We are committed to Trusted Quality Service, providing care-free and reliable equipment, and offering the best all round support through our:

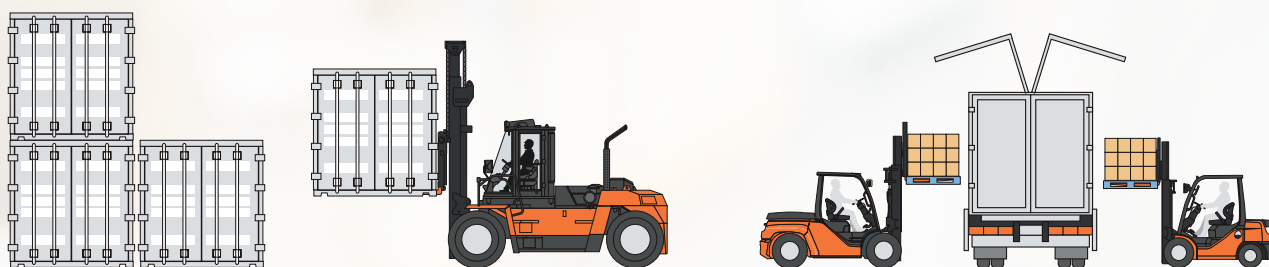
- Field Service
- Geographical Coverage
- On-site Servicing
- Dedicated Service
- Wide Range of Readily Available Genuine Parts
- Expertly Trained Technicians
- Hydraulic Service and Repairs

TOYOTA FORKLIFT PARTS

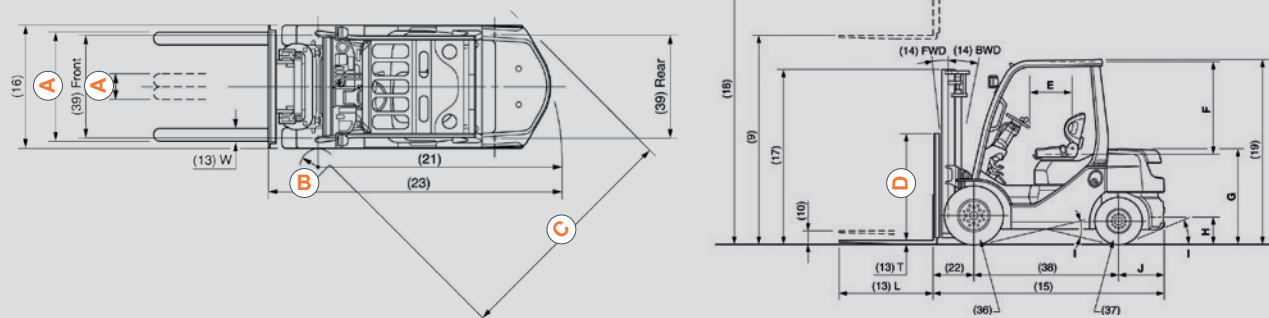
Our extensive range of Genuine parts are manufactured with optimal quality, unsurpassed durability, reliability, and the best overall value in mind –boosting the operational efficiencies that Toyota is synonymous with.

Engineered and tested in the same conditions as all Toyota Forklifts allow for a flawless fit every time, and with availability at all CFAO Motors' Toyota branches in Lusaka and Kitwe.

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FORKLIFT KEY DIMENSION REFERENCES



A - Overall Width **B** - Turning Radius- outside **C** - Overhead Guard Height **D** - Length to Fork Face (displayed in mm)