



Compact



7
SERIES

C O M P A C T
ENGINE POWERED FORKLIFT
7FGK/7FDK 2.0 to 3.0 ton

 **TOYOTA**

The 7 Series Compact—user-friendly, intelligent—the latest evolution in fork

If you still believe large forklifts are necessary to handle heavy loads; you are in for a pleasant surprise. The modest dimensions of the Toyota 7 Series Compact Forklift result in excellent load-handling abilities, outstanding working efficiency, superb safety and unprecedented operability. This new-generation forklift was created through a fusion of Toyota's ergonomic and ecological design philosophies with our advanced electronic-control technologies. Toyota leads the industrial evolution for the 21st century — an age of intelligent, compact forklifts.



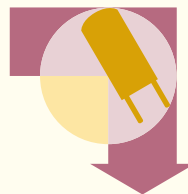
1

The capabilities of a 2~3-ton forklift with the dimensions of a

World's first

The SAS Active Steering Synchronizer enhances the Full Hydraulic Power Steering (FHPS) **SAS**

FHPS actualizes 100% stationary steering in small workplaces. This steering system yielding superior turnability is a product of Toyota's original SAS Active Steering Synchronizer that maximizes on-demand operator motive force—and complementing the 1,410mm* wheelbase with a turning radius of 2,050mm*.



Utilize limited work space more efficiently

7 Series Compact greatly increases efficiency in restricted working areas — allowing smaller load-handling zones and narrower aisles for more effective use of floor space.

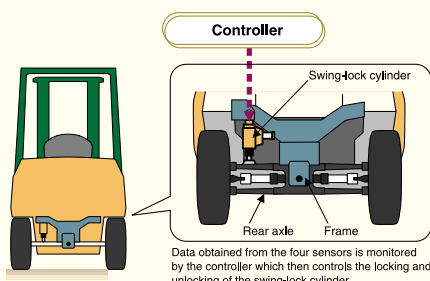
2

Advanced electronic-control technologies realize impressive

World's first

Active Control Rear Stabilizer **SAS**

The Active Control Rear Stabilizer allows responsive agility. This system monitors forklift movement, momentarily stopping rear-axle swing if necessary, to improve right and left balance for a higher level of stability when turning.



World's first

Active Mast Function Controller **SAS**

The Active Mast Front Angle Control prevents loads from dropping and reduces the risk of the vehicle overturning by adjusting the forward tilt of the mast depending on the weight of the load and its lift height. It works in concert with another computerized system, the Active Mast Rear Tilt Speed Control, that monitors the height of the load from the ground, for outstanding safety and operational efficiency.



environmentally sound and lifts from Toyota



1-ton model

New low-profile tires provide riding comfort

Offering the comfort of pneumatic tires and excellent wear resistance, these tires also reduce step-height to just 400mm*.

* Figures shown are for 2-ton models (7FGK2.0/7FDK2.0).



stability and safety

SAS Operation Monitor

If the SAS is not functioning, a warning lamp illuminates on the meter panel and an alarm sounds to alert the operator of the malfunction.



* SAS availability and specifications are determined regionally, and are subject to change without notice. Please consult your authorized Toyota dealer for details.

3

Environmentally friendly design for a cleaner, quieter workplace

DPF-II (OPT)

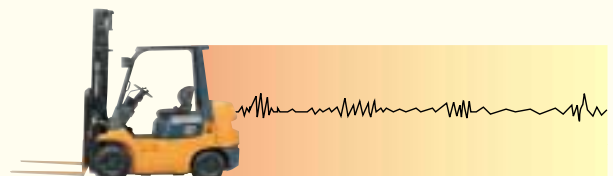
The Diesel Particulate Filter (DPF) exhaust system reduces 'black smoke' from diesel emissions by 100%. The new optional DPF-II system improves the physical and chemical properties of the filter materials, diminishing start-up delay and lengthening filter life.

Cleaner engines and exhaust systems

The 1DZ-II and 2Z diesel engines achieve exhaust gas density of 30-40% (HSU%) — for invisible emissions even at maximum revolutions. The optional 3-way catalytic converter for the 5K and 4Y gasoline engines further reduces CO, HC and NOx.

Smooth, silent operation

The Full-Floating Power Train results in low-vibration, low-noise operation. The 7 Series noise levels, both for the operator and other workers, are among the quietest in its class. Noise levels are reduced even further when the forklift is equipped with optional sound-dampening measures.



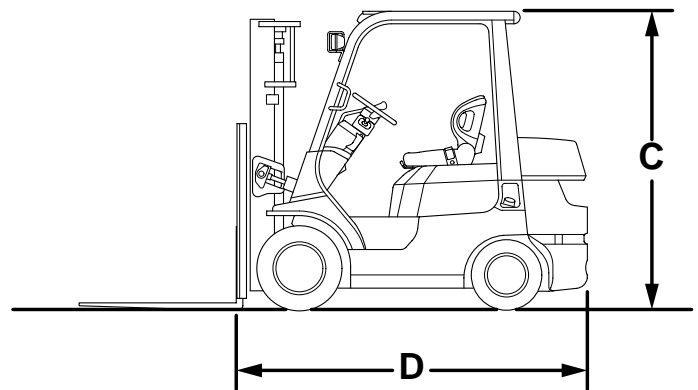
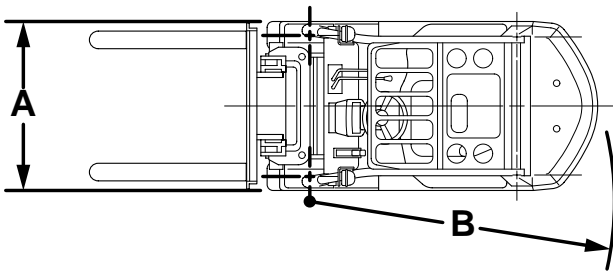
■ MAIN SPECIFICATIONS

Model		7FGK20 7FDK20	7FGK25 7FDK25	7FGK30 7FDK30
Engine Model	□	5K, 4Y 1DZ-II	5K, 4Y 1DZ-II	4Y 1DZ-II
Load Capacity	□ kg	2000	2500	3000
Load Center	□ mm	500	500	500
Overall Width	A □ mm	1150	1150	1250
Turning Radius (outside)	B □ mm	2020	2070	2110
Overhead Guard Height	C □ mm	2035	2035	2035
Length to Fork Face	D mm	2340	2405	2495

■ ENGINE SPECIFICATIONS

Model		TOYOTA 5K Gasoline	TOYOTA 4Y Gasoline
Piston Displacement	cc	1486	2237
Rated Horsepower/r.p.m	kW	28/2800	40/2400
Rated Torque/r.p.m	N-m	112/2000	161/1800

Model		TOYOTA 1DZ-II Diesel
Piston Displacement	cc	2486
Rated Horsepower/r.p.m	kW	40/2400
Rated Torque/r.p.m	N-m	166/1600



Availability and specifications are determined regionally and are subject to change without notice. Please consult your Toyota representative for details.

This brochure is printed on recycled paper with soy ink.
All rights reserved by Toyota Industries Corporation.



TOYOTA Material Handling Company
A Division of TOYOTA INDUSTRIES CORPORATION

CAT.7FGK/7FDK20-30/E-0211/ o /Printed in Japan/No.710850E0/1,100