



D50C-7 / D55C-7 / D40SC-7 / D45SC-7 / D50SC-7 / D55SC-7
G50C-7 / G55C-7 / G40SC-7 / G45SC-7 / G50SC-7 / G55SC-7

7 SERIES FORKLIFTS

LPG & Diesel 4.0 to 5.5 ton capacity

Euro Stage III B / Euro Stage IV



Leading the way

The new world class 7 Series trucks from Doosan

The new 7 Series of counterbalance forklift trucks, continue to follow the core Doosan tradition of delivering simple, powerful performance, whilst most of all, delivering the best possible value for our customers.

“
Higher lifting and travel speed
helps me to complete my job
efficiently
”

PRODUCTIVITY

- Efficient performance
- Optimised steering angle
- Excellent visibility



The specially designed ergonomic operator compartment keeps the operator in complete control at all times, improving productivity and reducing stress and fatigue. The new model offers improved visibility and the latest design in ergonomic hydraulic controls. Thanks to an improved durable design, Doosan's new 7 Series trucks exceed the highest demands for safe operation.

Extended maintenance intervals and advanced technology components reduce the overall cost of maintenance. The latest engine provides an unbeatable combination of power, performance and reliability. Each parameter is fully adjustable to perfectly match every your individual requirement, providing maximum control and accuracy for every function.



“
The Doosan service support network has never let me down
”

SERVICEABILITY

- Doosan service network coverage
- Quick service response
- Easy to fix design



“
The robustness of the Doosan truck gets the toughest of jobs done
”

SAFETY AND ERGONOMICS

- Operator Sensing System(OSS)
- New designed operator cell
- New Instrument Panel



Features overview

Power, excellent performance, driving comfort, durability, and outstanding fuel efficiency.

PRODUCTIVITY GAINS

High visibility design

Reliable operation

ODB - Oil cooled disc brakes

Electric controlled TCI(Turbo charged intercooler) Doosan engines

Heavy duty cooling (Optional)

Higher operator cell

BETTER SERVICEABILITY

Worldwide service network

Doosan genuine parts

Easy to access controller

G2 Scan

Diagnostics tool

Wide open hood





ENHANCED SAFETY & ERGONOMICS

Direction lever function

Mast lowering interlock

Operation Sensing System (OSS)

LED lights

Rear grab handle with horn

Emergency switch

ADDITIONAL FEATURES

Eco mode

Adjustable steering column

Adjustable seat

Convenience package (Optional)

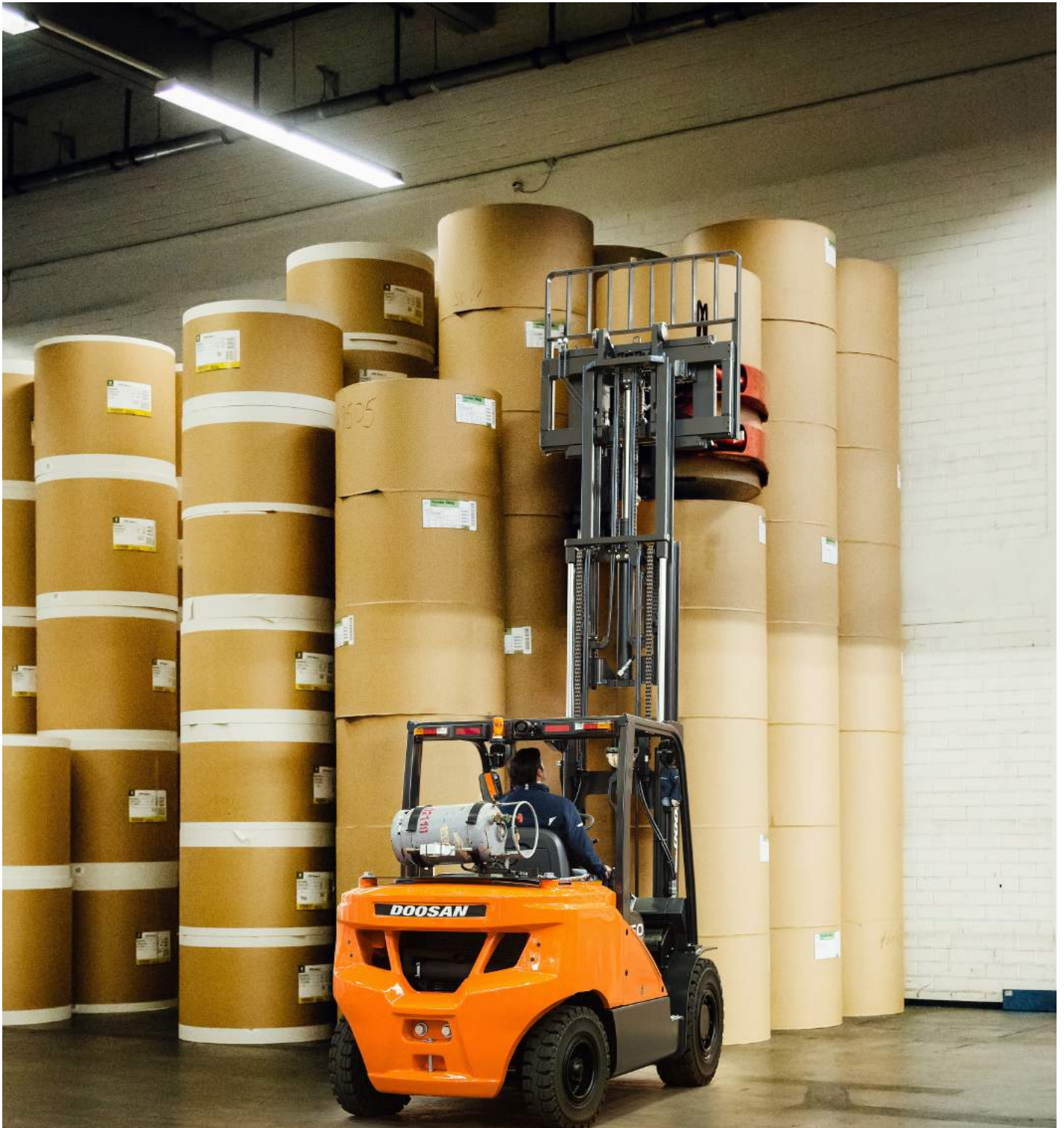
DOOSAN

PERFORMANCE





Productivity gains



ODB (Oil cooled Disk Brake)

There are 3 to 5 double sided discs per wheel. Discs are submerged in oil, keeping them cool and limiting wear. The Doosan ODB system is completely enclosed and sealed from outside contaminants protecting the inner workings of the brake system from dirt, water, shrink wrap and broken pallets



Doosan G2 Engine

For 55kW Engine installed models

- Meets and exceeds all EPA Tier IV and Euro Stage IIIB emission regulations without a Diesel Particulate Filter(DPF).
- Any additional maintenance such as Regeneration or Ash cleaning does not required.

Well proven and reliable Doosan G2 engines and components

The powerful Doosan engine and components provides high-end torque at low engine rpm, reduced fuel consumption. Doosan turbo charged engine delivers great performance and reliability.

Doosan multi-engine performance mapping system

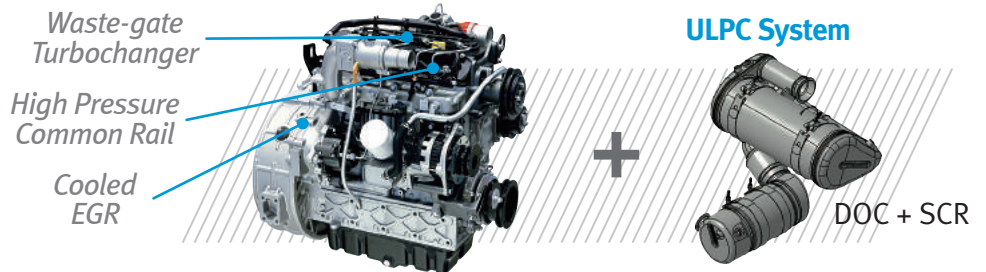
Doosan offers 2 performance engine maps, which gives you the choice between STD mode and Eco mode. Eco mode limits engine performance but can reduce the fuel consumption by approximately 5%.

Well-tested load-sensing hydraulic system

All Doosan G2 models are equipped with a proven Load-sensing hydraulic system which provides increased fuel efficiency and better overall performance.

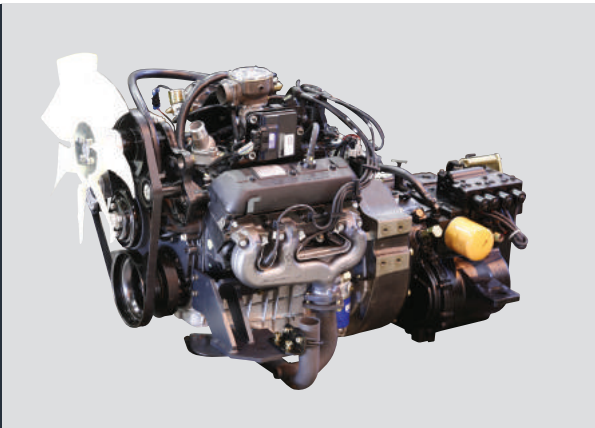
Aftertreatment system

ULPC(Ultra Low Particulate Matter Combustion) : Doosan’s own system which optimizes combustion characteristics.
 > Optimising piston bowl, injector and cylinder head swirl to use air as much as possible for reducing Particulate Matter.



PSI 4.3L(70kW)

Superior engine performance is driven by an ECU that intergrates and coordinates all critical functions including: governor, variable ignition timing, air-fuel ratio control and engine protection.



Improved Fuel consumption

By using roller valve lifters for reduced friction and improved fuel economy

Increased Durability

By Nodular iron crankshaft has undercut & rolled fillets

Less Vibration and Low Noise

Counter-rotating balance shaft / Composite rocker arm cover and front cover

Enhanced safety features



Optimised Components Location

All components such as seats, switches, instrument panel, levers and pedals are ergonomically designed and located to provide operators great comfort.



Tilt Cylinder Cover

Not only protects tilt cylinders from unexpected shock but provides the space for placing operator's foot.



Easy Entry Grab Bar and Anti Slip Step Plate

Enables easy entry and exit. Also wide anti slip step plates keeps operator's safety in any weather condition.



Large rear view mirror

Provides the operator a clear view of the rear working area, improving working safety & efficiently.



LED lights

Brighter and last longer than traditional sealed beams or halogen lights



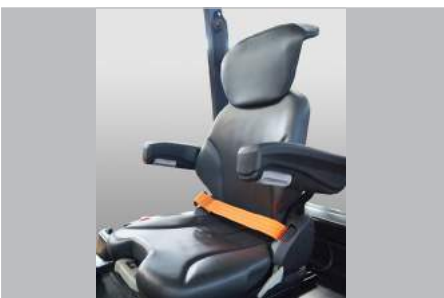
Adjustable Steering Column

The steering column can be angled for both smaller & larger operators.



Rear grab handle with horn

The horn button on the rear assist grab bar enhances the comfort and safety while traveling in reverse by allowing the operator to sound the horn and still maintain full control of the vehicle.



Premium Seat (Optional)

Designed with a low-profile mechanical suspension that significantly reduces vibrations, it helps operator stay comfortable, no matter how rough the day gets.

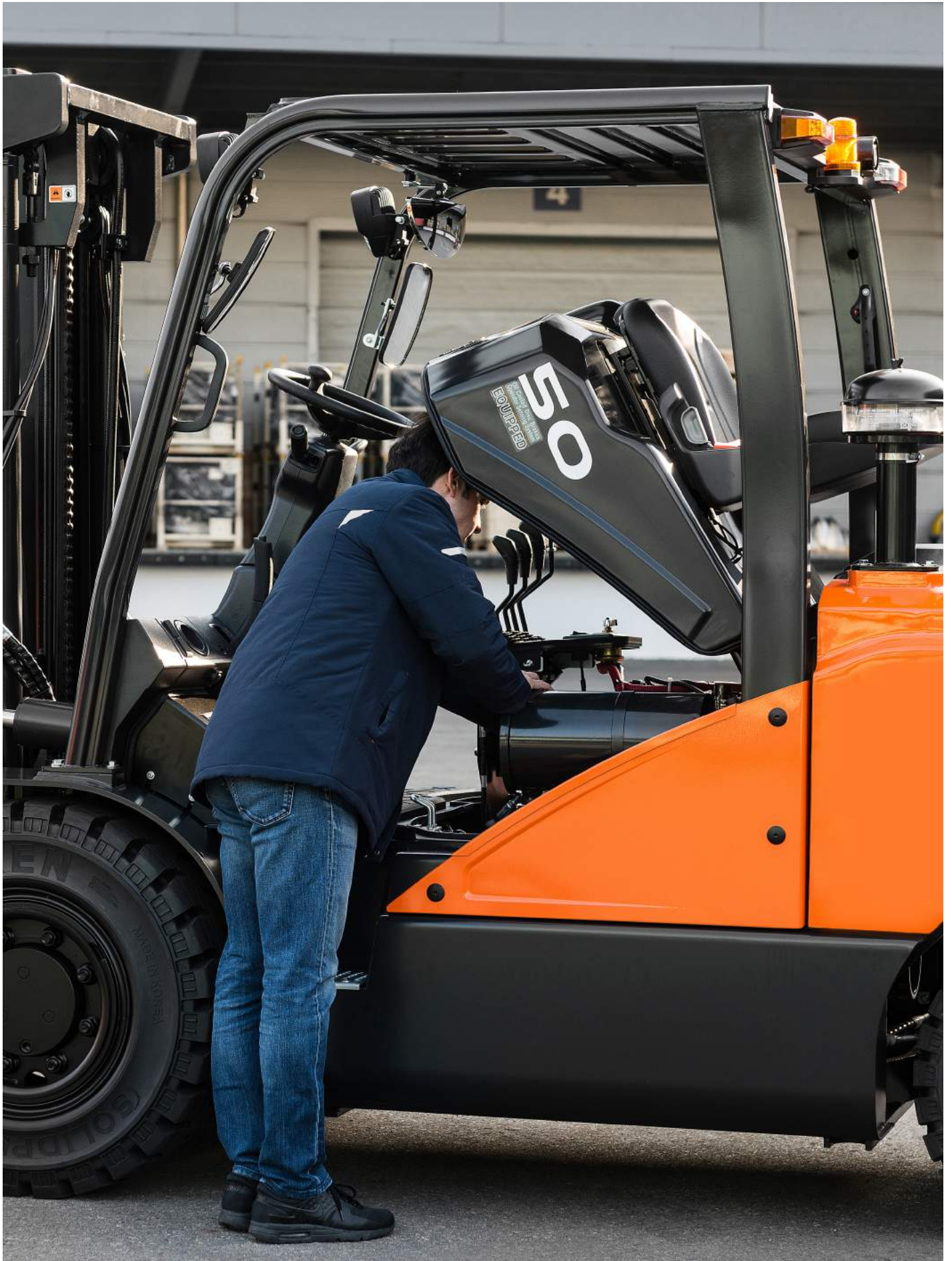


Locking type gas spring for Hood

Improve operator's safety and convenience with locking function to prevent accidental closing of the hood.



Better serviceability



Worldwide service network

- Head quarter
- Overseas offices and service centers



Doosan provides high-quality support, relying on its extensive service network. No matter where you are located, highly-skilled professionals are always ready to help you, guaranteeing maximum uptime.



Doosan Genuine Parts

The parts UK Distribution Centre, supplies high quality Doosan parts nationwide.



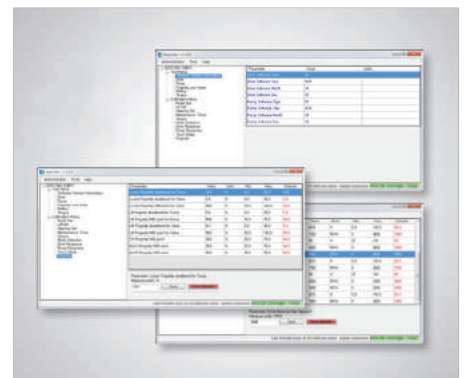
Easy to access

Integrated electrical components.
Wide hood opening range for best accessibility.
Tool-less floor plate.



Easy to Service

Optimised location to service :
- Battery, air cleaner, filters, dipstick gauges
- Integration of fuses and relays



4G Display

To examine the forklift and set the program with notebook only (without a special tool)

Outstanding Features





Excellent visibility

The forward visibility through and round the mast is improved for maximum operator safety.



Easy to Read Display

Integration of all indicators and speedo meter keeps operator ever aware of all vehicle conditions quickly and easily.



Multi Engine Map : Standard Mode / Eco Mode

We provide two engine settings - STD mode and ECO mode, which improves fuel efficiency. Each customer can choose their own setting to suit their different applications.



Improvement for Pedal System

- Linkage type and organ type pedal
- Applied anti-slipped Pad / Advanced style



New Air Cleaner

The increased capacity of the Dual Element Air Filters makes the new 7-series more durable. The integrated MAF sensor (Mass Air Flow) provides exact monitoring and is easy to access.



Advanced Floor Mat

Increased mat thickness & strength
Improved fit using 3D molding method.



OSS (Operator Sensing System)

Whenever the operator leaves the seat, the truck travel and mast lifting functions will stop. This systems avoids any unintended forklift movements when the operator is not seated.



Tilting Roof (Optional)



**THE BEST ALL-ROUNDER
IN EVERY APPLICATION**





Trucks Made For Every Industry

Doosan can provide you with the best proposal for your operation, from internal combustion forklifts to electric warehouse equipments and much more. Please contact Doosan to discuss your needs.





Main Specifications (Diesel Models)

MAJOR SPECIFICATION		D40SC-7	D45SC-7	D50SC-7	D55SC-7	D50C-7	D55C-7
Load Capacity	lb/kg	4,000	4,500	5,000	5,500	5,000	5,500
Load Centre	mm	500	500	500	500	600	600
Load Distance: Center of Driveaxle to fork	mm	560	560	560	570	570	570
Wheelbase	mm	2,015	2,015	2,115	2,115	2,115	2,115
Height, Mast lowered	mm	2,225	2,230	2,230	2,380	2,380	2,380
Free Lift	mm	160	160	160	170	170	170
Lift Height	mm	6,000	6,000	6,000	6,000	6,000	6,000
Height, Mast Extended	mm	4,265	4,270	4,420	4,470	4,470	4,470
Height of Overhead Guard(Cabin)	mm	2,225	2,230	2,230	2,230	2,230	2,230
Height of Seat	mm	1,248	1,255	1,255	1,255	1,255	1,255
Overall Length	mm	4,165	4,215	4,480	4,525	4,525	4,550
Length to Forkface	mm	3,115	3,165	3,280	3,325	3,325	3,350
Overall Width	mm	1,370	1,455	1,455	1,455	1,455	1,455
Fork Dimensions	mm	50x150x1,050	50x150x1,050	50x150x1,200	60x150x1,200	60x150x1,200	60x150x1,200

Standard Features and Optional Extras

SAFETY & STABILITY

Direction Lever Function	Standard features
Mast Lowering Interlock	Standard features
Operation Sensing System	Standard features
ELR Type Orange Seat Belt	Standard features
Combination Lamps(LED)	Optional extras
Spark Arrester <small>(DIESEL ONLY)</small>	Optional extras
Weight Scale <small>(DIESEL ONLY)</small>	Optional extras
Autotilt Leveling	Optional extras
Autoshift Controller	Standard features
Emergency Switch	Standard features
Back-up buzzer	Standard features
Swing Out and Down LP Cradle <small>(LPG ONLY)</small>	Standard features

OPERATOR COMFORT (ERGONOMIC)

Adjustable Steering column	Standard features
Integrated Instrument Panel	Standard features
Easy to Service	Standard features
- Integrated Electric Components (Relays and Fuses)	Standard features
- Tool-less Footplate	Standard features
- Wide Hood Open Range	Standard features
Power Supply (12V)	Standard features
Full Cabin with Heater or Air-conditioner	Optional extras
Rear View Camera	Optional extras
Seat - Suspension	Standard features
Steering Knob	Standard features

Standard features

Optional extras

Main Specifications (LPG Models)

MAJOR SPECIFICATION		G40SC-7	G45SC-7	G50SC-7	G55SC-7	G50C-7	G55C-7
Load Capacity	lb/kg	4,000	4,500	5,000	5,500	5,000	5,500
Load Centre	mm	500	500	500	500	600	600
Load Distance: Center of Driveaxle to fork	mm	560	560	560	570	570	570
Wheelbase	mm	2,015	2,015	2,115	2,115	2,115	2,115
Height, Mast lowered	mm	2,225	2,230	2,230	2,380	2,380	2,380
Free Lift	mm	160	160	160	170	170	170
Lift Height	mm	6,000	6,000	6,000	6,000	6,000	6,000
Height, Mast Extended	mm	4,265	4,270	4,420	4,470	4,470	4,470
Height of Overhead Guard(Cabin)	mm	2,225	2,230	2,230	2,230	2,230	2,230
Height of Seat	mm	1,248	1,255	1,255	1,255	1,255	1,255
Overall Length	mm	4,165	4,215	4,480	4,525	4,525	4,550
Length to Forkface	mm	3,115	3,165	3,280	3,325	3,325	3,350
Overall Width	mm	1,370	1,455	1,455	1,455	1,455	1,455
Fork Dimensions	mm	50x150x1,050	50x150x1,050	50x150x1,200	60x150x1,200	60x150x1,200	60x150x1,200

PRODUCTIVITY

Electric Controlled TCI(Turbo Charged Intercooler) Doosan Engines

Pedal Location(Accelerator, Brake and Inching)

Rear Grab Bar(w/ Horn)

Heavy Duty Cooling (DIESEL ONLY)

DURABILITY & SERVICEABILITY

Electronic Control Units(ECU) Cover

Use waterproof connectors

Dual Element Air Cleaner

Full Floating Driveaxle(w/ ODB)

Pre-Cleaner

* Remark : This list is based on factory data. Standard or optional can vary for specific countries.

About Doosan

Values that drive our future growth

Trust in people is the foundation on which Doosan has built its century of success

Doosan has always put 'People' first for the past 100 years, based on our management philosophies.- 'Business is not meant to make profits, but to help people grow.' (Late Too Pyung Park, First Chairman), and continues to spur corporate development with global competitiveness originated from human resources.



Committed To Innovation

We remain committed to the advancement of new technologies and development of talented individuals, positioning us to respond effectively to the rapid changes taking place in the 21st century. Our mission is to strengthen our global position and become the industry leader well into the future.



Doosan the oldest, but fastest growing company

Doosan has recorded the longest business history since its inauguration in 1896, but has grown at its most rapid pace for the past 10 years.

Doosan-the global Infrastructure Support Business (ISB) company

Doosan has created in excess of 90% of its sales within the ISB sector through vigorous reorganisation of its business portfolio since 1998. In the past, 70% of our business was concentrated on consumer goods, but we have successfully transformed our business DNA to the infrastructure support business that constructs and reinforces social infrastructure.

Doosan, surging as a global company

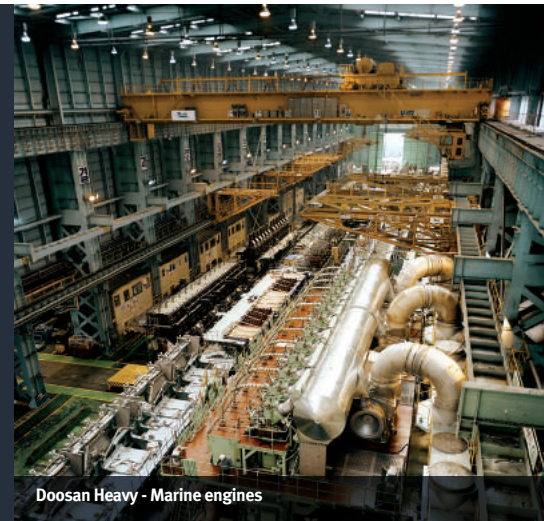
Doosan has become the global ISB leader based on its world class products and services. In addition, as a true global company, Doosan’s overseas employees encompass 50% of its human resources, and overseas sales take more than over 60% of the total sales.



Doosan Infracore - Construction equipment

Committed To Our Customers

We are committed to our customers, providing superior products and excellent services to go with them into the future.



Doosan Heavy - Marine engines



Doosan Bobcat - Skid loader (with Doosan engine)



Doosan Way

The Doosan Way is our unique way of doing business; the philosophy and culture that will guide us to become the “Proud Global Doosan.”

Our Promise

Doosan will be the partner you can count on, always putting our commitment to you first.



Doosan Heavy - Seawater desalination plants



2018 July

Authorised Dealer



Doosan Corporation Industrial Vehicle
 Web site: www.doosanflt.com

