

D20S-7 / D25S-7 / D30S-7 / D33S-7
D35S-7 / D40S-7 / D45S-7 / D50C-7 / D55C-7
D40SC-7 / D45SC-7 / D50SC-7 / D55SC-7
D60S-7 / D70S-7 / D80S-7 / D90S-7



7-SERIES FORKLIFTS

Diesel 2.0 to 9.0 tonne capacity



Leading the way

The new world class Doosan 7-Series forklifts 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
enables me to reach optimal
efficiency in my job.
”

PRODUCTIVITY

- Efficient performance
- Excellent visibility
- Reliable operation



The specially designed ergonomic operator compartment keeps the operator in complete control at all times, improving productivity and reducing stress and fatigue.

The 7-Series offers improved visibility and the latest design in ergonomic hydraulic controls. Thanks to an improved durable design and additional stability features, Doosan's new 7-Series trucks exceed the highest demands for a

safe operation.

Extended maintenance intervals and advanced technology components reduce the overall maintenance cost. The state of the art engine provides an unbeatable combination of power, performance and reliability. Each parameter is fully adjustable to match every individual requirement perfectly, 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 ensures that even the toughest of jobs gets done
 ”

SAFETY AND ERGONOMICS

- Operator Sensing System (OSS)
- Spacious Operator Compartment
- Easy to read Instrument Panel



7-Series Diesel Forklifts

The Doosan IC Engine counterbalance forklifts provide great power, excellent performance, enhanced safety, driver comfort, outstanding serviceability and reliability.

MAXIMUM PRODUCTIVITY

- High visibility design
- Reliable operation
- Doosan multi-engine performance mapping system
- Market proven hydraulic system
- Oil cooled disc brakes



ENHANCED SAFETY & EXCELLENT RELIABILITY

- Direction lever
- Mast lowering interlock
- Emergency switch
- Rear grab handle with horn (optional)
- Operator Sensing System





OPTIMAL ERGONOMICS

- Integrated instrument panel
- Adjustable steering column
- Adjustable seat



GREAT SERVICEABILITY

- Worldwide service network
- Doosan genuine parts
- Easy to access service components
- Wide hood open range

EXCELLENT RELIABILITY

- Reliable operation
- ODB - Oil cooled disc brakes

“ Boost your **productivity**
with Doosan ”



Maximum Productivity



Doosan G2 Diesel Engine

The Doosan G2 Engine meets and exceeds all Euro Stage IIIB (55 kW) and IV (74 kW) emission regulations without a Diesel Particulate Filter (DPF). A Diesel Oxidation Catalyst (DOC) and Selective Catalytic Reduction (SCR) is required for the 74 kW engine. Additional maintenance such as Regeneration or Ash cleaning is 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 and reduced fuel consumption. The Doosan turbo charged engine delivers great performance and reliability.



Excellent visibility

The precisely designed overhead guard profile with angled roof bars provides a clear upward view ensuring ultimate strength and safety. The excellent visibility enables you to work faster and more efficient.

After Treatment system

ULPC (Ultra Low Particulate Matter Combustion):

Doosan's own system which optimizes combustion characteristics.
 › Optimizing piston bowl, injector and cylinder head swirl to use air as much as possible for reducing Particulate Matter.

Doosan multi-engine performance mapping system

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

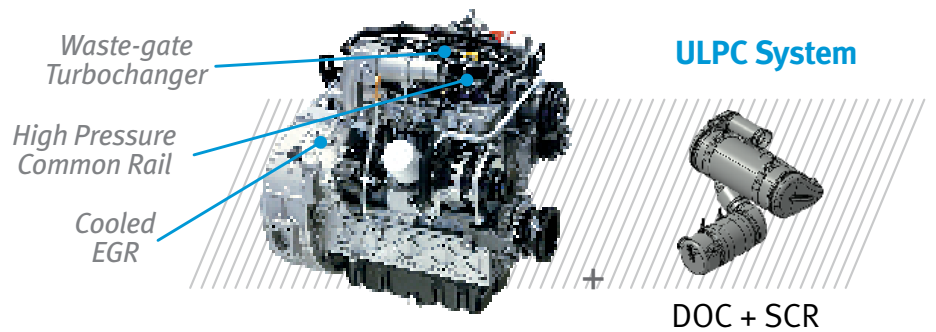
ODB (Oil cooled Disk Brakes)

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. Oil cooled disc brakes have a 5 times longer service interval than conventional shoe brakes, and are virtually maintenance free.



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.



Safety features & Excellent reliability



“Doosan takes safety to the next level”

Safety



Easy Entry Grab Bar and Anti Slip Step Plate

The big anti-slip step plate makes it easy and safe to mount and dismount the truck, even in extreme weather conditions.



Large panoramic mirror (optional)

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



LED lights (optional)

Brighter and longer lasting than traditional sealed beams or halogen lights.



Operator Sensing System (OSS)

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



Locking type gas spring for hood

The locking function improves the operator's safety and convenience. Thanks to this locking function there is no risk of involuntary closing the hood during periodic checks.

Reliability



Multi Engine Map : Standard Mode / Eco Mode

Doosan offers 2 performance engine maps, which gives you the choice between standard mode and Eco mode.



Improvement for Pedal System

The linkage type pedal makes the inching very reliable and the renewed design with anti-slip pedal improves the operator's comfort.



Dual Element 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.

Optimal ergonomics





Easy to Read Display

All indicators are integrated. The speed meter keeps the operator informed about all the vehicle conditions quick and easy.



Instrument Panel (only for 74kW Diesel engine)

The centralized and easy-to-read instrument panel with LED back lights maximizes operator's efficiency.



Adjustable seat (optional)

Designed with a low-profile mechanical suspension that significantly reduces vibrations, the fully adjustable suspension seat helps to accommodate every individual preference.



Optimised Components Location

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



Adjustable steering column

The operator can change the stepless adjustable column to the best position that provides optimal convenience and comfort.



Full Cabin (Optional)

The Doosan cabin provides not only great comfort to the operator, but also higher productivity with ergonomically designed features.

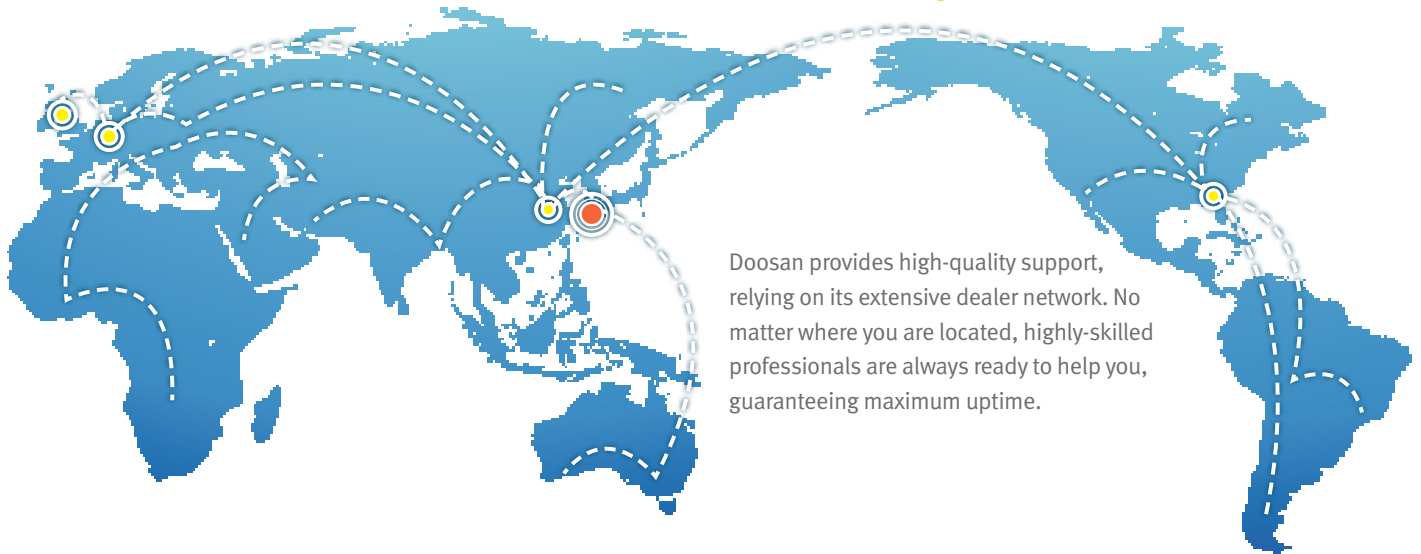
“ Infinite **adjustability**, optimized **controllability** and exceptional **reliability** makes the new Doosan 7-Series, the operator's first choice. ”

Great serviceability



Worldwide service network

- Headquarters
- Overseas offices and service centers



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



Doosan Genuine Parts

The parts warehouse supplies high quality Doosan parts to your local dealer.



Easy to access

- Integrated electrical components
- Wide hood opening range for the best accessibility
- Tool-less removable floor plate
- Easy to access internal components

Easy to Service

- Optimised location for battery, air cleaner, filters and dipstick gauges
- Integration of fuses and relays

G2 Scan

The G2 Scan makes it possible to gather information about the forklift's engine. The various applications can be loaded on one laptop.

Main Specifications

MAJOR SPECIFICATIONS

		D20S-7	D25S-7	D30S-7	D33S-7	D35C-7
Load Capacity	kg	2,000	2,500	3,000	3,250	3,500
Load Center	mm	500	500	500	500	500
Load Distance: Center of Driveaxle to fork	mm	480	480	485	485	495
Wheelbase	mm	2,015	2,015	2,115	2,115	2,115
Height, Mast lowered	mm	1,625	1,625	1,700	1,700	1,700
Free Lift	mm	147	147	152	152	152
Lift Height	mm	3,230	3,230	3,230	3,230	3,000
Height, Mast Extended	mm	4,490	4,490	4,490	4,490	4,260
Height of Overhead Guard(Cabin)	mm	2,183	2,183	2,183	2,183	2,183
Height of Seat	mm	1,026	1,026	1,026	1,026	1,026
Overall Length	mm	3,565	3,630	3,744	3,774	3,809
Length to Forkface	mm	2,530	2,595	2,700	2,730	2,765
Overall Width	mm	1,170	1,170	1,197	1,197	1,255
Fork Dimensions	mm	40x100x1,050	40x100x1,050	45x125x1,050	45x125x1,050	45x125x1,050

Standard Features and Extras

SAFETY & STABILITY

Direction Lever Function	Standard features
Mast Lowering Interlock	Standard features
Operator Sensing System	Standard features
ELR Type Orange Seat Belt	Standard features
Seat Belt Interlock	Optional extras
4th Lever Interlock	Optional extras
Spark Arrestor	Optional extras
Rear Blue Spot Light	Optional extras
Rear Grab Bar with Horn	Standard features
Panoramic Mirror	Optional extras
Ground Speed Control	Standard features
Back-up Buzzer	Standard features

PRODUCTIVITY

Electric Controlled TCI (Turbo Charged Intercooler)	Standard features
Pedal Location (Accelerator, Brake and Inching)	Standard features
Inching Pedal	Standard features
LED Lights (Front/Rear)	Optional extras
LED Combination Lamps	Optional extras
Weigh Scale	Optional extras
Autotilt Leveling	Optional extras
Quick Disconnect Hose Couplings	Optional extras
Special Overhead Guard - Drive in Rack /Low or High Overhead Guard	Optional extras

OPERATOR COMFORT (ERGONOMICS)

Adjustable Steering column	Standard features
Integrated Instrument Panel	Standard features
Full Cabin with Heater or Air-Conditioner	Optional extras
Premium Suspension Seat, Heat Rays, Hip Restraint	Optional extras
Steering Knob	Optional extras

DURABILITY & SERVICEABILITY

Electronic Control Units (ECU) Cover	Standard features
Easy to Service - Integrated Electric Components (Relays and Fuses) -Tool-less Footplate -Wide Hood Open Range	Standard features
Dual Element Air Cleaner	Standard features
Full Floating Driveaxle (with ODB)	Standard features
Precleaner	Optional extras
Waterproof Connectors	Standard features
Autoshift Controller	Optional extras
Heavy Duty Cooling	Optional extras
Radiator Screen	Optional extras
Vented Side Panel	Optional extras
CANbus communications	Standard features
Removable Floor Mat and Plate	Standard features

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

■	Standard features
■	Optional extras
■	Not available

Main Specifications

MAJOR SPECIFICATIONS		D35S-7	D40S-7	D45S-7	D50C-7	D55C-7
Load Capacity	kg	3,500	4,000	4,500	5,000	5,500
Load Center	mm	600	600	600	600	600
Load Distance: Center of Driveaxle to fork	mm	560	560	560	570	570
Wheelbase	mm	2,015	2,015	2,115	2,115	2,115
Height, Mast lowered	mm	2,225	2,230	2,230	2,380	2,380
Free Lift	mm	160	160	160	170	170
Lift Height	mm	3,000	3,000	3,000	3,050	3,050
Height, Mast Extended	mm	4,265	4,270	4,420	4,470	4,470
Height of Overhead Guard(Cabin)	mm	2,225	2,230	2,230	2,230	2,230
Height of Seat	mm	1,248	1,255	1,255	1,255	1,255
Overall Length	mm	4,165	4,215	4,480	4,525	4,550
Length to Forkface	mm	3,115	3,165	3,280	3,325	3,350
Overall Width	mm	1,370	1,455	1,455	1,455	1,455
Fork Dimensions	mm	50x150x1,200	50x150x1,200	50x150x1,200	60x150x1,200	60x150x1,200

Standard Features and Extras

SAFETY & STABILITY

Direction Lever Function	Standard features
Mast Lowering Interlock	Standard features
Operator Sensing System	Standard features
ELR Type Orange Seat Belt	Standard features
Engine Shutdown	Optional extras
Combination Lamps (LED)	Optional extras
Spark Arrestor	Optional extras
Weigh Scale	Optional extras
Autotilt Leveling	Optional extras
Autoshift Controller	Optional extras
Emergency Switch	Optional extras
Back-up Buzzer	Optional extras

- Standard features
- Optional extras
- Not available

OPERATOR COMFORT (ERGONOMICS)

Adjustable Steering column	Standard features
Integrated Instrument Panel	Standard features
7" Color LCD Display (73.6kW Only)	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
Cigar and Power Jack (12V)	Optional extras
Full Cabin with Heater or Air-conditioner	Optional extras
Rear View Camera	Optional extras
Suspension Seat	Optional extras
Sound Suppression	Optional extras
Mono Pedal	Optional extras
Steering Wheel with Knob	Optional extras

D40SC-7

D45SC-7

D50SC-7

D55SC-7

MAJOR SPECIFICATIONS

4,000	4,500	5,000	5,500	kg	Load Capacity
500	500	500	500	mm	Load Center
560	560	560	570	mm	Load Distance: Center of Driveaxle to fork
2,015	2,015	2,115	2,115	mm	Wheelbase
2,225	2,230	2,230	2,380	mm	Height, Mast lowered
160	160	160	170	mm	Free Lift
3,000	3,000	3,000	3,050	mm	Lift Height
4,265	4,270	4,420	4,470	mm	Height, Mast Extended
2,225	2,230	2,230	2,230	mm	Height of Overhead Guard(Cabin)
1,248	1,255	1,255	1,255	mm	Height of Seat
4,165	4,215	4,480	4,525	mm	Overall Length
3,115	3,165	3,280	3,325	mm	Length to Forkface
1,370	1,455	1,455	1,455	mm	Overall Width
50x150x1,200	50x150x1,200	50x150x1,200	60x150x1,200	mm	Fork Dimensions

PRODUCTIVITY

Electric Controlled TCI (Turbo Charged Intercooler)	
Electronic controlled PSI engine	
Pedal Location (Accelerator, Brake and Inching)	
Inching Pedal	
Rear Grab Bar (with Horn)	
Heavy Duty Cooling	

DURABILITY & SERVICEABILITY

Electronic Control Units (ECU) Cover	
Use waterproof connectors	
Dual Element Air Cleaner	
Full Floating Driveaxle (with ODB)	
Precleaner	

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

Main Specifications

MAJOR SPECIFICATIONS

		D60S-7	D70S-7	D80S-7	D90S-7
Load Capacity	kg	6,000	7,000	8,000	9,000
Load Center	mm	600	600	600	600
Wheelbase	mm	2,300	2,300	2,500	2,500
Height Mast Lowered	mm	2,500	2,500	2,835	2,835
Free Lift	mm	205	205	215	215
Height, Mast Extended	mm	4,340	4,340	4,375	4,375
Height of Overhead Guard(Cabin)	mm	2,468	2,468	2,673	2,673
Height of Seat	mm	1,455	1,455	1,526	1,526
Overall Length	mm	3,565	3,630	3,744	3,774
Length to Forkface	mm	3,618	3,697	4,014	4,040
Overall Width	mm	2,108	2,108	2,230	2,230
Fork Dimensions	mm	60x180x1,200	60x180x1,200	70x180x1,200	70x180x1,200

Standard Features and Extras

SAFETY & STABILITY

Direction Lever Function	Standard features
Mast Lowering Interlock	Standard features
Operator Sensing System	Standard features
ELR Type Orange Seat Belt	Standard features
Autoshift Controller (3-speed)	Optional extras
Combination Lamps (LED)	Optional extras
Weigh Scale	Optional extras
Panoramic Rear View Mirror	Optional extras
Rear View Camera	Optional extras
Strobe Light (Amber/Red)	Optional extras
Back-up Alarm	Optional extras
Ground Speed Control	Optional extras

PRODUCTIVITY

Electric Controlled Doosan Engines	Standard features
Inching Pedal	Standard features
Pedal Location (Accelerator, Brake and Inching)	Standard features
Heavy Duty Cooling	Optional extras

OPERATOR COMFORT (ERGONOMICS)

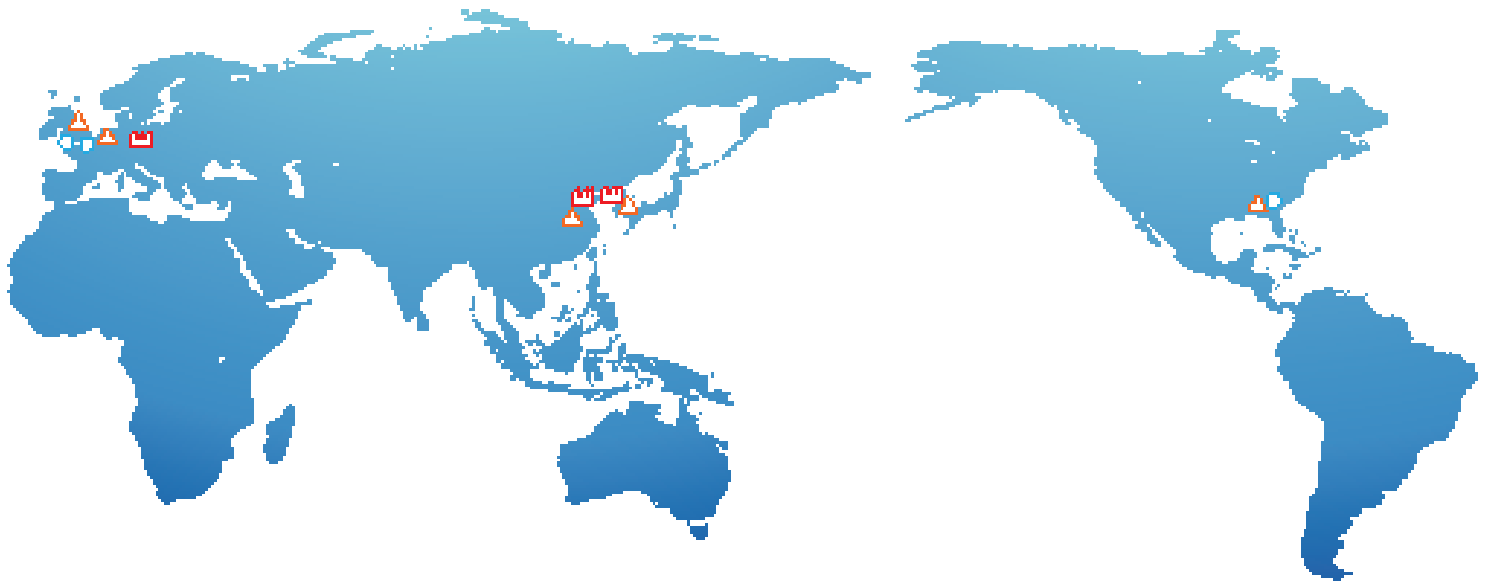
Additional Thermostat for Transmission Oil	Standard features
Integrated Instrument Panel	Standard features
5 inch Color LCD Display (80.4 kW only)	Standard features
Full Cabin with Heater or Air-conditioner	Optional extras
Seat - Suspension	Optional extras
Steering Knob	Optional extras




DURABILITY & SERVICEABILITY

Electronic Control Units (ECU) Cover	Standard features
Easy to Service - Integrated Electric Components (Relays and Fuses) - Tool-less Footplate - Wide Hood Open Range	Standard features
Dual Element Air Cleaner	Standard features
Rigid Driveaxle (with ODB)	Standard features
Precleaner	Optional extras
Waterproof Connectors	Standard features

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

- Standard features
- Optional extras
- Not available



-  Production Subsidiary
-  Sales Subsidiary
-  Parts Depot Center

Authorized Dealer



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