

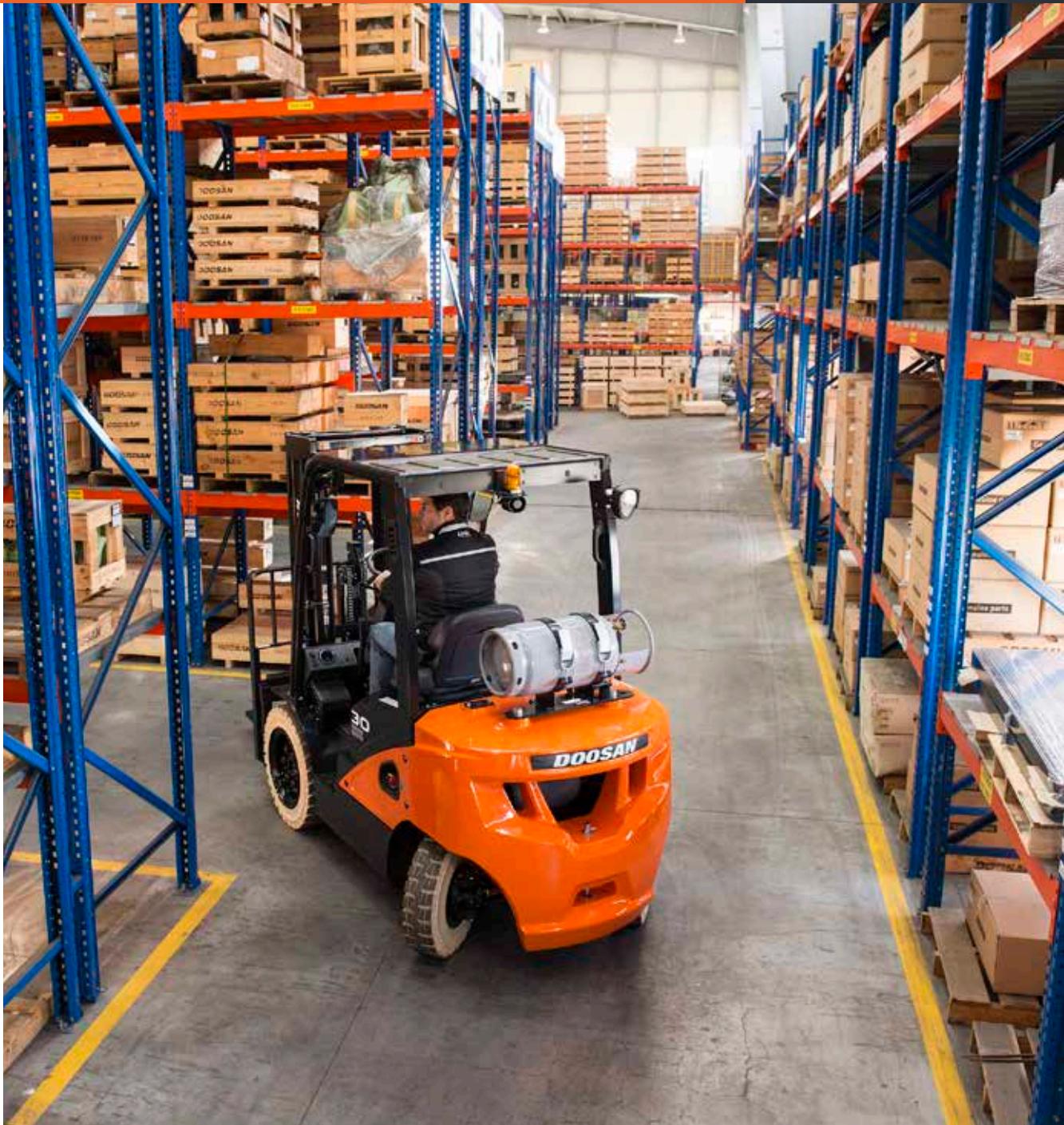
**DOOSAN**

G20/25/30/33E-7, G35EC-7

## 7-SERIES FORKLIFTS

**Pneumatic LPG 2.0 to 3.5 tonne capacity**

Euro Stage V



## Features overview

Doosan's LPG 7-Series with its Euro Stage V compliant engine delivers industry-leading performance with its excellent travel speed and drawbar pull. A Doosan forklift is safe, has excellent operator comfort and is reliable in a variety of applications.

### MAXIMUM PRODUCTIVITY

- Powerful Euro Stage V engine
- Oil-cooled disc brakes



### SAFETY

- Excellent visibility
- Operator Sensing System



### OPTIMAL ERGONOMICS

- Tilt cylinder cover
- Easy readable display
- Adjustable steering column
- Doosan full cabin
- Spacious operator compartment

### EXCELLENT RELIABILITY

- Hydrostatic steer axle
- Rigid steel engine hood
- Maximised cooling capacity
- Rigid drive-axle

### GREAT SERVICEABILITY

- Easy to service
- Easy to remove floor plate & mat

## Maximum Productivity



image can include optional equipment

### Powershift transmission

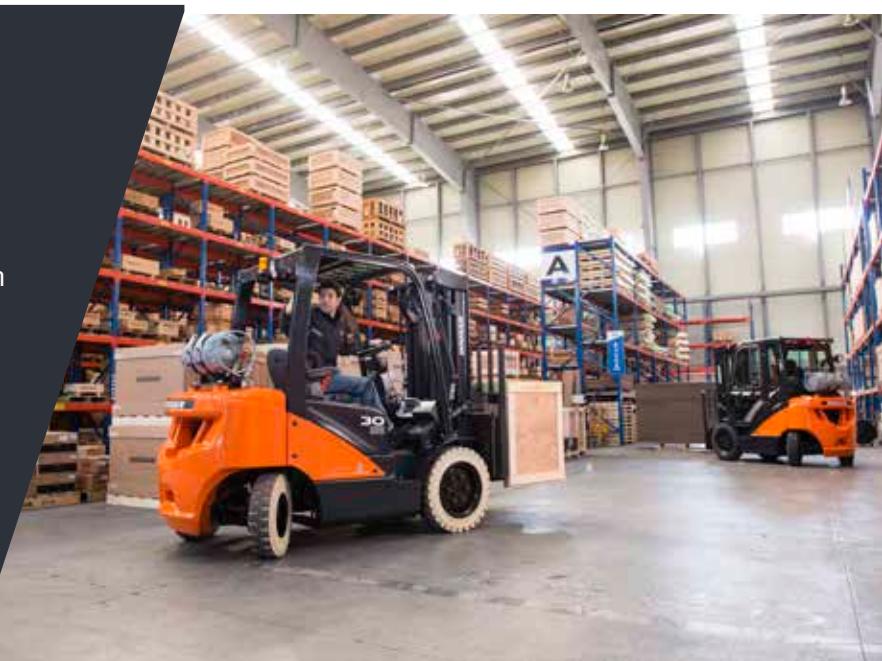
The market-proven powershift transmission accurately modulates clutch oil pressure for smooth forward and reverse directional changes. This precision modulation prevents damage to the transmission and makes the forklift more durable.



### 2.4 Liter LPG Engine (HMC)

NEW

This engine includes a silent timing chain that aids in the reduction of noise levels and helps to improve efficiency. An aluminium cylinder block and oil pan also help to reduce noise. Additionally, fuel efficiency is increased thanks to the use of abrasion-resistant materials and specially designed 'beehive type/conical' valve springs.



## Safety



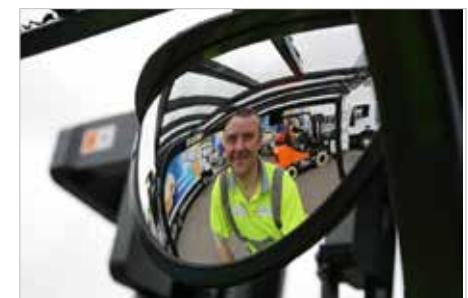
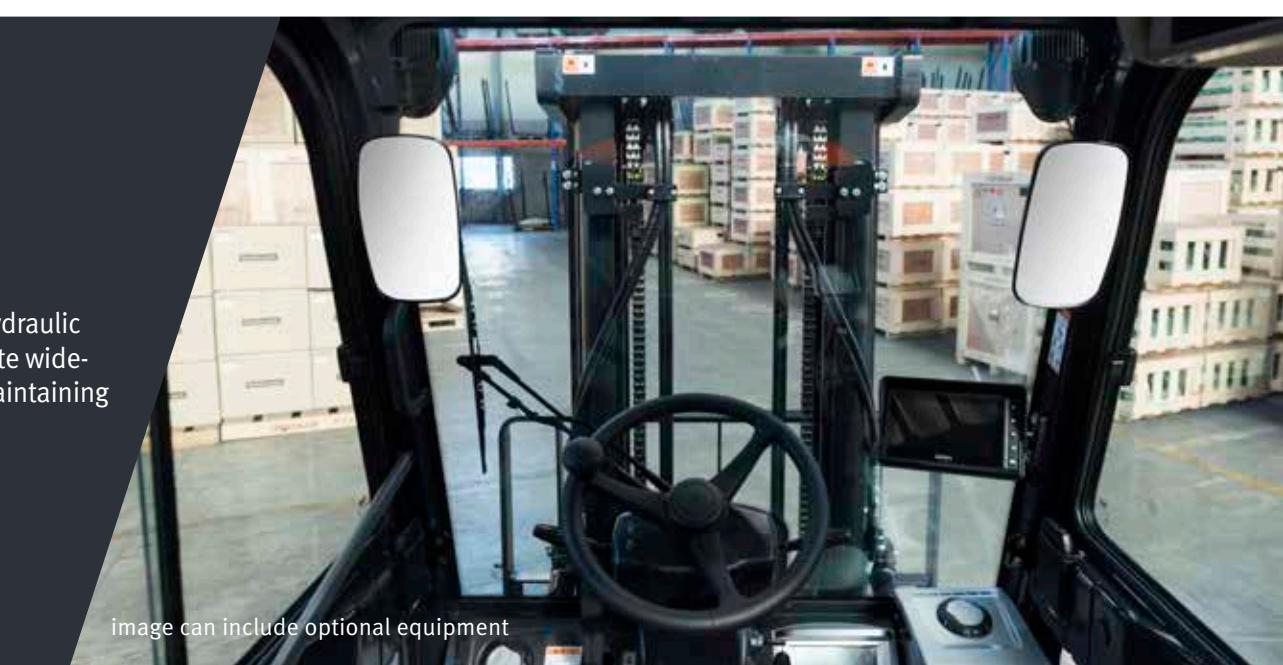
### Blue safety light OPTION

Projects a blue spot on the floor to alert pedestrians.



### Excellent visibility

The neatly arranged hydraulic hoses and chains create wide-front visibility while maintaining strength and rigidity.



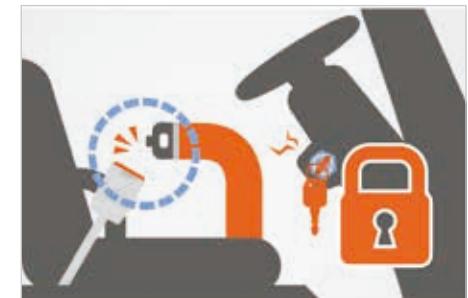
### Panoramic mirror OPTION

Provides the operator with a clear view of the rear working area, contributing to safety and efficiency.



### Auto tilt levelling OPTION

By pressing a button on the tilting handle, the mast will automatically move to an upward position.



### Seat belt sequence interlock OPTION

The truck will only be operational when the seat belt is fastened and secured.



### Ground speed control OPTION

Have greater control by customising the speed limit of the truck. Varying speed limits can be applied for the forward drive and reverse drive.

## Optimal Ergonomics



### Easily readable display

The easily readable, integrated instrument panel provides a clear overview of the truck's status.



### Easy entry grab bar and anti slip step plate

Enables easy entry and exit. The wide anti-slip step plates ensure the operator's safety in all weather conditions.

### Full cabin OPTION

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

The following modular cabins are available:

- A: steel roof with top glass window
- B: steel roof with top glass window and front windshield
- C: steel roof with top glass window, front, and rear windshield



### Optimised components location

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



### Steering wheel providing fore-/ backwards adjustment



### Premium seat OPTION

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

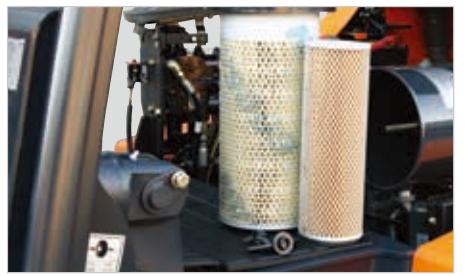
### Tilt cylinder cover

The tilt cylinders are covered neatly, to avoid any hindrance to the operator. Furthermore, the tilt cylinder cover creates additional space on the floor of the operator compartment.



## Excellent reliability & serviceability

### Worldwide service network



### Easy to service

Optimised location to service battery, air cleaner, filters, dipstick gauges.



### Cyclone, dual elements air cleaner

The cyclone type and heavy-duty dual-element air filter cleaning system protects the engine against contamination. This extends the engine's service life and keeps the best engine condition in any environment.



### Oil cooled disc 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.



### Enhanced cooling system

The combination of a large capacity radiator and optimised airflow in the counterweight design enhances the reliability and the durability of the truck and increases uptime in heavy-duty applications.





Lifting your dreams

## Main Specifications

	G20E-7	G25E-7
Manufacturer		Doosan
Engine type		HMC2.4
Engine power according to DIN ISO1585	kW	45.4
Rated speed	min-1	2,600
Torque at 1/min	N•m	179
Travel speed, loaded/unloaded	km/h	19/20
Lift speed, loaded/unloaded	mm/s	550/570
Drawbar pull, loaded (@ 1.6km/h)	kg	1,769
Gradeability, loaded(@ 1.6km/h)	%	33.6
Fuel tank capacity	l	51
Ground clearance, loaded, below mast	mm	115
Ground clearance, center of wheelbase	mm	143
Load Distance: center of driveaxle to fork	mm	480
Wheelbase	mm	1,625
Service weight	kg	3,585
Height of seat	mm	1,026
Length to forkface	mm	2,530
Overall width	mm	1,170
Turning radius	mm	2,220
		2,265

	G30E-7	G33E-7	G35EC-7	Engine manufacturer
	Doosan			Engine type
	HMC2.4			Engine power according to DIN ISO1585
	45.4			Rated speed
	2,600			Torque at 1/min
	179			Travel speed, loaded/unloaded
	18/19			Lift speed, loaded/unloaded
	520/570	540/590	530/590	Drawbar pull, loaded (@ 1.6km/h)
	1,829	1,819	1,759	Gradeability, loaded(@ 1.6km/h)
	26.0	24.2	39.6	Fuel tank capacity
		51		Ground clearance, loaded, below mast
		105		Ground clearance, center of wheelbase
		143		Load Distance: center of driveaxle to fork
	485	485	495	Wheelbase
		1,700		Service weight
	4,390	4,565	4,770	Height of seat
		1,026		Length to forkface
	2,700	2,730	2,765	Overall width
	1,197	1,197	1,255	Turning radius
	2,365	2,395	2,420	

## Standard Features and Optional Extras

### SAFETY

Operator Sensing System	
Mast interlock - tilt, lift and lower	
2 front LED lights	
Autotilt levelling	
4th lever interlock	
Safety light	
Back-up alarm	
Rear view camera	
Ground speed control	

### ERGONOMICS

Integrated instrument panel	
Excellent visibility	
Anti-slip step plate	
Adjustable steering column	
Panoramic mirror	
Premium seat	
Full cabin	
Rear grab bar with horn	
Steering wheel knob	

### PRODUCTIVITY

High powered, fuel efficient engine	
Inching pedal	
Pedal Location (accelerator, brake and inching)	
Quick disconnect hose couplings	

### RELIABILITY

Waterproof connectors	
Dual element air cleaner	
Pre cleaner	
Radiator screen	
Vented side panel	

### SERVICEABILITY

Tool-less side panel / floor plate	
Junction box	
Wide hood open angle	

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



- Production Subsidiary
- Sales Subsidiary
- ▲ Parts Depot Center

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Authorised Dealer

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