

# **7 Series Forklifts**

# Pneumatic LP 2.0 to 3.5 ton Series

G20NS/G25N/G30N/G33N-7, G35NC-7



Building your tomorrow today

# **About Doosan**

# Values that drive our future growth

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

Over the past 100 years Doosan has always put people first, based on the management philosophy outlined by our first Chairman Too Pyung Park, that "business is not meant to make profits, but to help people grow."

This philosopy continues to spur Doosan's corporate development, with global competitiveness originating from our most valuable resource - our people.

#### Doosan, Korea's oldest but fastest growing company

Established in 1896, Doosan is Korea's oldest company, but has grown at its most rapid pace for the past 10 years.

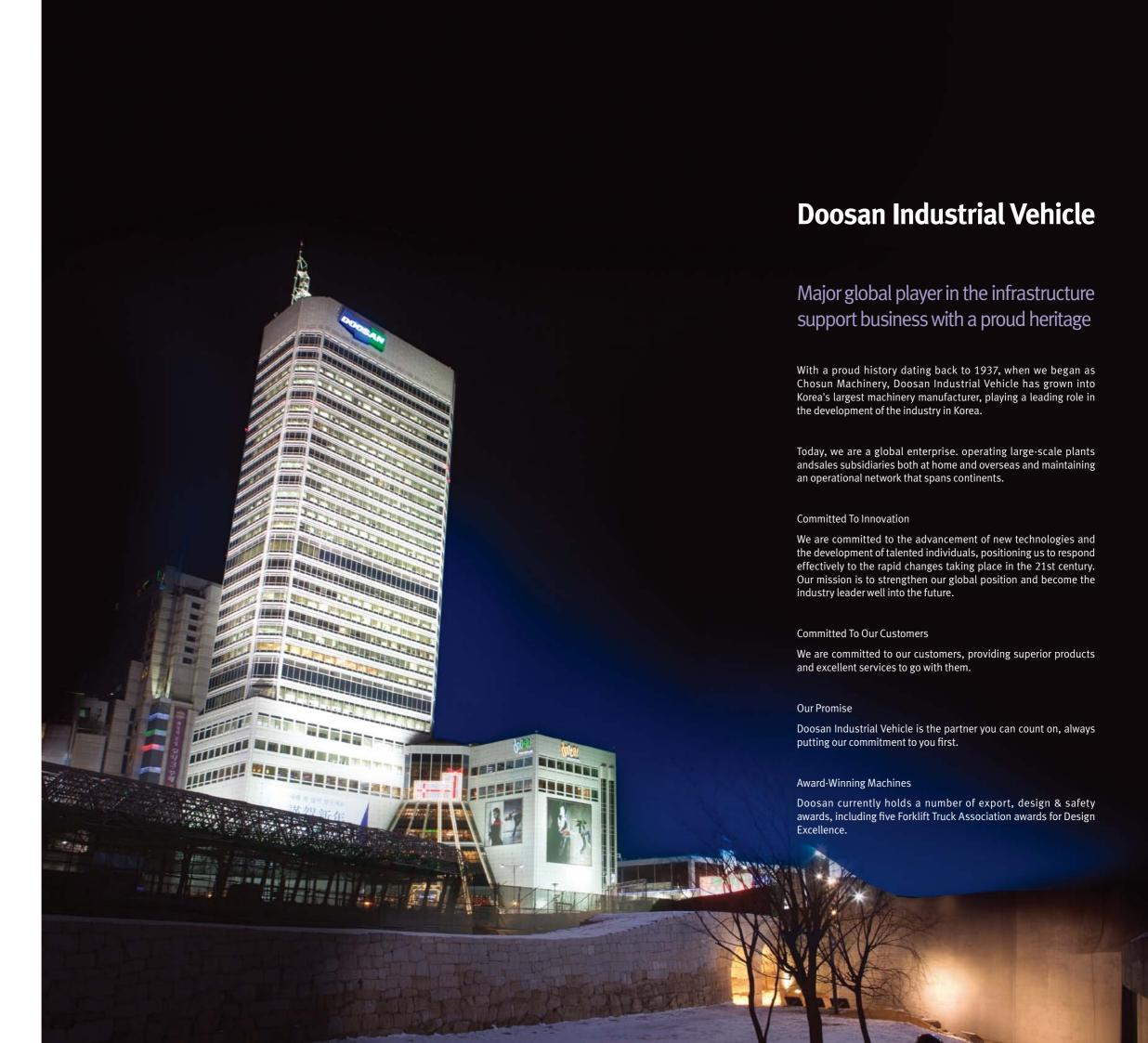
#### Doosan's global Infrastructure Support Business (ISB)

In the past 70% of our business was concentrated on consumer goods, but following reorganisation of our business portfolio in 1998 we have successfully transformed our business DNA to shift the primary focus of our business to infrastructure support.

This means that Doosan now creates more than 90% of its sales through its Infrastructure Support Business

#### Doosan's growth as a global company

Doosan has become the global ISB leader based on its world class products and services. It is a truly global company, with 50% of its employees based outside of Korea, and overseas trade making up over 60% of the total sales.



# PRODUCT FEATURES OVERVIEW

# **Operator Compartment**

Newly designed operator's cell enhanced comfort and productivity.

Wide open leg room, ergonomically located pedals and low cowl height for better visibility.

# Operator Sensing System(OSS)

Prohibit the operation automatically during operator's absence.

# Counterweight & Cooling

Newly designed counterweight shows Doosan 7 Series design identity and allows better airflow to maximize cooling capacity.

# **Powerful Engine**

Apply powerful and market proven engine.
- LP/Dual Fuel: GCT K25 Tier3 Engine

# **Engine Hood**

Rigid steel engine hood with wide open angle provides great accessibility to main compartment.

# Hydrostatic Steeraxle

Doosan steeraxle provides smooth steering control and durability.

#### **Junction Box**

Integrate fuses and relays in the junction box for simplifying servicing and easy to access



# Overhead Guard / Cabin (Optional)

Ergonomically designed overhead guard and cabin offers great visibility and reliability.

# High Visibility Mast (for 2/2.5ton only)

Newly designed mast provides maximized not only operator's visibility but Mast stability.

# Adjustable Steering Column

Infinitely adjustable steering column.

#### **New Instrument Panel**

Add speedometer and improve visibility.

# Tilt Cylinder Cover (Optional)

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

# Rigid Drivexle with ODB

Solid one piece cast iron housing and J-hook mounts for the mast enhances dependability and reliablity for low maintenance cost.

ODB(Oil-cooled Disc Brakes) is totally enclosed and contained in a sealed unit for maximum protection against contamination. This helps to reduce maintenance and repair time and costs.

# Easy to Remove Floor Plate & Mat

Easy to remove floor plate offers great accessibility to powertrain and other compartment. Thick rubber floor mat reduces noise and vibration for operator's comfort.





# **Doosan LP 2.5ton Series**

The best way to grow your business.

# High Powered, Fuel Efficient Engine

GCT K25 LP engine provides excellent performance, Low noise, Low vibration and Durability. The reliability and durability of this engine are already proven in the industrial engine field. Also this engine meets CARB and EPA emission regulation.

#### Oil-cooled Disc Brakes

The oil-cooled disc brake system is totally enclosed for maximum protection against contamination. This maintenance free brakes system ensures maximum uptime, less damage, and zero cost for you.

#### **Powershift Transmission**

Market proven powershift transmission precisely modulates clutch oil pressure for smooth forward and reverse directional changes.

# Cyclone, Dual Elements Air Cleaner

Cyclone type and heavy duty dual element filter air cleaning system protects the engine against contamination. This extend engine service life and keep the best engine condition in any environment.

# **Enhanced Cooling System**

The combination of large capacity radiator and maximized airflow by counterweight inside shape not only enhances reliability and durability of the truck but increases uptime in heavy duty applications.



#### **ECO Mode**

Operator can easily change the driving mode by switch on the dash. The ECO mode will reduce the fuel consumption by an additional 15% compare to STD mode.

# Limp Home Mode

This mode is checking the transmission oil or engine coolant temperatures and limits truck's performance when the temperature is too high. This protects transmission and engine from failure.

# Autotilt Leveling System

Optional Autotilt Leveling system returns the mast to vertical position easily by tilt angle sensing. This will prevents product damage which can be caused by non-parallel stacking.

# **Under & Engine Protection**

Optional Belly plate and Engine Guard protect the powertrain, engine, fan blades and many components from dirt and debris.

# Mast Visibility

Neatly arranged hydraulic hoses and chains enhance wide front visibility while keep the strength and rigidity.

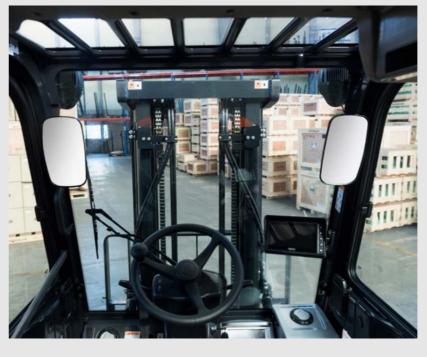
# **SUPERB ERGONOMICS**

**Designed for Operator** 

Every design of Doosan forklifts have the operator's comfort in mind.









#### Tilt Cylinder Cover(Optional)

The steering column and seat position are fully adjustable to accommodate every operators individual preferences.

Easy Entry Grab Bar and

Anti Slip Step Plate

condition.



# **Optimized Components Location**

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



#### 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.



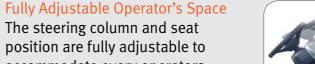
# Rear Grap Bar with Horn

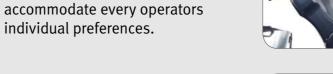
The horn button on the rear assist grab bar enhances the comfort and safety while traveling in reverse by allowing the operator to sound the horn and still maintain full control of the vehicle.



# **Optimum Visibility**

Thanks to the low profile dash and the precisely designed overhead guard profile with pressed roof provides a clear view upwards whilst ensuring ultimate strength for safety.





# Easy to Read Display

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



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

# Swing Out & Down LP Cradle (Optional)

Full Cabin (Optional)

Swing out and down LP cradle frees the LPG tank from over the counterweight and lowers the tank on a stable platform to minimize arm and back strain for even simplifies tank installation and removal.







# Rear Blue Spot Light

The rear blue spot light is an driving path warning system for passenger's safety especially in aisles, corners and in confusing crossing areas.



# Panoramic Mirror

Panoramic mirrors offer additional safety to reduce accidents and unnecessary damage to the truck, products or rack system.



# Anti-Cinch Type Seat Belt

This provides not only comfort but safety to operator, thanks to the function which is not locking in the normal operation and working at a sudden accidents.



# Mast Inter-lock(ISO 3691)

If the operator gets off the seat or turn off the forklift, the hydraulic tilt, lift and lower locking system will be activated automatically.



# Seat Belt Interlocking

Truck will not move without fastened seat belt. Tilt, Lift and Lower function disabled if the seatbelt is not fastened.



# 4th Lever Interlocking

Very useful at the application where the clamp attachment is used. It prevents the cargo dropping accidents by touching 4th lever unconsciously.



# Easy to Access

- Easy to open hood
- Wide hood open angle
- Locking type gas spring
- Easy removable floor mat and plate

#### Easy to Service

- Optimized location to service : Battery, air cleaner, filters, dipstick guages
- CANbus communications
- Junction box : Integration of fuses and relays

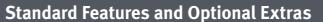












Standard reatures and Optional Extras		
SAFETY	STANDARD	OPTION
Direction Lever Function	0	
Mast Lowering Interlock - Tilt, Lift and Lower	0	
Operation Sensing System	0	
Anti-Cinch Type Orange Seat Belt	0	
Anti-Slip Step Plate	0	
Seat Belt Interlocking		0
4th Lever Interlocking		0
Rear Blue Spot Light		0
Rear Grab Bar (with Horn)		0
Parnoramic Mirror		0
Ground Speed Control		0
Back-up Buzzer		0
•		0
Swing Out & Down LP Cradle	CTANDADD	
PRODUCTIVITY	STANDARD	OPTION
Electric Controlled LP Engines	0	
Pedal Location(Accelerator, Brake and Inching)	0	
Inching Pedal	0	
Low Fuel Indicator	0	
LED Lights (Front / Rear)		0
LED Combination Lights		0
Weight Scale (Hydraulic / Loadcell)		0
Autotilt Leveling		0
Quick Disconnect Hose Couplings		0
Special Overhead Guard - Drive in Rack / Low or High Overhead Guard		0
COMFORT	STANDARD	OPTION
Adjustable Steering Column	0	
Integrated Instrument Panel	0	
Full Cabin with Heater		0
Premium Seat - Suspension, Heat Rays, Head Restraint		0
Steering Knob		0
DURABILITY	STANDARD	OPTION
Electronic Control Units(ECU) Cover	0	0
Use waterproof connectors	0	
Dual Element Air Cleaner	0	
Full Floating Driveaxle(w/ ODB)	0	
Autoshift Controller		0
Radiator Screen		<u>0</u>
Vented Side Panel		0
Pre-Cleaner	CTANDADD	0
SERVICEABILITY	STANDARD	OPTION
CANbus Communications	0	
Removable Floor Mat and Plate	0	
Easy to Service	0	
- Integrated Electric Components in the Junction Box (Relays and Fuses)		
- Tool-less Side Floor Mat and Plate		
- Wide Hood Open Range		
- Locking Type Hood Gas Spring		
ENVIRONMENT	STANDARD	OPTION
Emission Regulation	0	
ISO 9001 / ISO 14001	0	
2 Operation Mode(STD / ECO Mode)	0	
HOMOLOGATION	STANDARD	OPTION
UL		0
CE		0







**Doosan Corporation Industrial Vehicle** Web site: www.doosan-iv.com

AUTHORIZED DEALER



# 7 Series Forklifts

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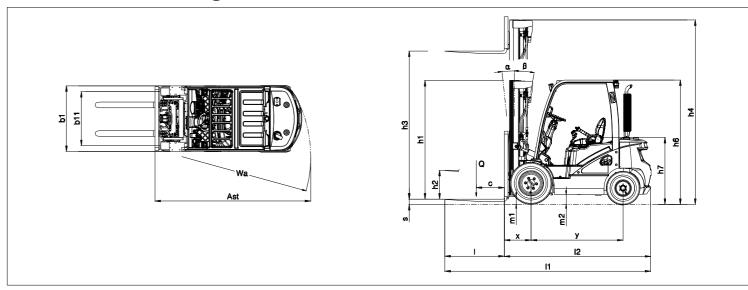
Building your tomorrow today

# **Technical Data according to VDI 2198**

_		Threat Data according							
	1.1	Manufacturer			Doosan	Doosan	Doosan	Doosan	Doosan
	1.2	Model designation			G20N-7	G25N-7	G30N-7	G33N-7	G35NC-7
유	1.3	Drive: Diesel, Gasoline, LP			LP	LP	LP	LP	LP
Characteristics	1.4	Operator type: Hand, Pedestrian, Standing, Seated, Order-picker			Seated	Seated	Seated	Seated	Seated
risti	1.5	Load Capacity	Q	kg	2,000	2,500	3,000	3,250	3,500
S	1.6	Load Center	С	mm	500	500	500	500	500
	1.8	Load Distance: Center of Driveaxle to fork	х	mm	480	480	485	485	495
	1.9	Wheelbase	у	mm	1,625	1,625	1,700	1,700	1,700
<	2.1	Service weight		kg	3,635	4,010	4,510	4,715	4,800
Weight	2.2	Axle Loading, Laden Front/Rear		kg	4,915/720	5,645/865	6,525/965	6,930/1,035	7,330/970
=	2.3	Axle Loading, Unladen Front/Rear		kg	1,725/1,910	1,640/2,370	1,850/2,660	1,815/2,900	1,800/3,000
	3.1	Tyres: pneumatic (P), superelastic (SE), cushion (C)			Р	Р	Р	Р	Р
	3.2	Tyre size, Front			7.00x15-12	7.00x15-12	28x9x15-12	28x9x15-12	250x15-18
Tyres	3.3	Tyre size, Reat			6.50x10-10	6.50x10-10	6.50x10-10	6.50x10-12	6.50x10-12
SS	3.5	Wheels, number Front/Rear (x = driven wheels)			2/2	2/2	2/2	2/2	2/2
	3.6	Tread, Front	b11	mm	975	975	982	982	1,026
	3.7	Tread, Rear	b12	mm	1,000	1,000	1,000	1,000	1,000
	4.1	Tilt of Mast/Fork carriage Forward/Backward	α/β	۰	6/10	6/10	6/10	6/10	6/10
	4.2	Height, Mast lowered	h1	mm	2,175	2,175	2,165	2,165	2,165
	4.3	Free Lift	h2	mm	152	152	152	152	152
	4.4	Lift	h3	mm	3,230	3,230	3,230	3,230	3,000
	4.5	Height, Mast Extended	h4	mm	4,490	4,490	4,490	4,490	4,260
	4.7	Height of Overhead Guard(Cabin)	h6	mm	2,183	2,183	2,183	2,183	2,183
	4.8	Height of Seat	h7	mm	1,026	1,026	1,026	1,026	1,026
	4.19	Overall Length	l1	mm	3,565	3,630	3,744	3,774	3,809
Dim	4.20	Length to Forkface	l2	mm	2,530	2,595	2,700	2,730	2,765
lens	4.21	Overall Width	b1/b2	mm	1,170	1,170	1,197	1,197	1,255
Dimensions	4.22	Fork Dimensions	s/e/l	mm	45x100x1,000	45x100x1,000	45x125x1,050	45x125x1,050	45x125x1,050
-	4.23	Fork carriage ISO 2328, class/type A,B			II/A	II/A	III/A	III/A	III/A
	4.24	Fork carriage width	b3	mm	1,103	1,103	1,115	1,115	1,115
	4.31	Ground Clearance, laden, below mast	m1	mm	115	115	105	105	105
	4.32	Ground Clearance, center of wheelbase	m2	mm	143	143	143	143	143
	4.34.1	Aisle withd for pallets 1,000 x 1,200 crossways	Ast	mm	3,905	3,950	4,050	4,080	4,115
	4.34.2	Aisle withd for pallets 800 x 1,200 crossways	Ast	mm	4,105	4,150	4,250	4,280	4,315
	4.35	Turning Radius	Wa	mm	2,220	2,265	2,365	2,395	2,420
	4.36	Internal Turning Radius	b13	mm	775	775	761	761	761
	5.1	Travel Speed, Laden/Unladen		km/h	19/20	19/20	18/19	18/19	18/19
	5.2	Lift Speed, Laden/Unladen		m/s	0.55/0.57	0.54/0.57	0.52/0.57	0.54/0.59	0.53/0.59
Perfo	5.3	Lowering Speed, Laden/Unladen		m/s	0.51/0.46	0.51/0.46	0.51/0.46	0.51/0.46	0.51/0.46
Performance	5.5	Drawbar pull, Laden/Unladen(@ 1.6km/h)		N	18,480/18,195	18,265/18,125	19,035/18,795	18,935/18,750	18,385/18,140
ance	5.6	Max. Drawbar pull, Laden/Unladen		N	21,075/20,560	20,860/20,500	21,950/21,400	21,850/21,355	21,160/20,570
data	5.7	Gradeability, Laden/Unladen(@ 1.6km/h)		%	36/-	30.5/-	27.5/-	25.5/-	23.5/-
۵	5.8	Max. Gradeability, Laden/Unladen		%	42/-	35/-	32/-	30/-	27/-
	5.10	Service Brake			foot/hydraulic	foot/hydraulic	foot/hydraulic	foot/hydraulic	foot/hydraulic
	7.1	Engine Manufacturer/type			GCT/K25	GCT/K25	GCT/K25	GCT/K25	GCT/K25
omb	7.2	Engine power according to DIN ISO1585		kW	46.8	46.8	46.8	46.8	46.8
ust	7.3	Rated Speed		min-1	2,600	2,600	2,600	2,600	2,600
Combustion Engine	7.3.1	Torque at 1/min		N∙m	190/1,700	190/1,700	190/1,700	190/1,700	190/1,700
ngi	7.4	Number of Cylinders/Displacement		-/cm3	4/2,488	4/2,488	4/2,488	4/2,488	4/2,488
ne	7.10	Battery Voltage/normal capacity		V/Ah	12/50	12/50	12/50	12/50	12/50
⊳	10.1	Operating pressure for attachments		bar	156	156	156	156	156
ddit	10.2	Oil volume for attachments		l/min	60	60	60	60	60
ion	10.4	Fuel Tank Capacity		l	51	51	51	51	51
Addition Data	10.7	Sound level at th driver's ear according to EN 12 053		dB(A)	84	84	84	84	84
	1								

# Product and specifications are subject to improvement and change without notice. Performance data and dimensions are nominal and subject to tolerances.

# **Dimensional Drawing**



# **Mast Specification and Rated Capacities**

G20N-

			Fully	Free 1 ift							Rated Loa	ad Capaciti	es			
Mast	Maximum	Maximum Lowered Height	Extended Height	Free Lift							G	20N-7				
type	Fork Height		With Load	With Load			Tilt A	Ingle					Load Cap	pacities		
			Backrest	Backrest		Pneu.		e Pneu		Solid	Single		Double		Single	
					FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in
	mm	mm	mm	mm	deg	deg	deg	deg	deg	deg	kg	lb	kg	lb	kg	lb
STD	2,030 2,580 2,950 3,230 3,500 3,800 3,950 4,350 4,960	1,575 1,850 2,035 2,175 2,425 2,575 2,650 2,850 3,150	3,290 3,840 4,210 4,490 4,765 5,065 5,215 5,615 6,215	147 147 147 147 147 147 147 147	6 6 6 6 6 6 6	10 10 10 10 10 10 10 10 5	6 6 6 6 6 6 6	10 10 10 10 10 10 10 10	6 6 6 6 6 6	10 10 10 10 10 10 10 10 10	2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 1,900	4,000 4,000 4,000 4,000 4,000 4,000 4,000 4,000 3,750	2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 1,925	4,000 4,000 4,000 4,000 4,000 4,000 4,000 4,000 3,900	2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 1,975	4,000 4,000 4,000 4,000 4,000 4,000 4,000 4,000 4,000
FF	2,580 2,950 3,230 3,600	1,850 2,035 2,175 2,425	3,840 4,210 4,490 4,865	645 830 970 1,220	6 6 6	10 10 10 10	6 6 6	10 10 10 10	6 6 6	10 10 10 10	2,000 2,000 2,000 2,000	4,000 4,000 4,000 4,000	2,000 2,000 2,000 2,000	4,000 4,000 4,000 4,000	2,000 2,000 2,000 2,000	4,000 4,000 4,000 4,000
FFT	3,900 4,290 4,730 4,805 5,560 6,010	1,875 2,015 2,150 2,175 2,500 2,650	5,165 5,570 5,990 6,065 6,815 7,265	670 805 945 970 1,295 1,445	6 6 6 6 6	8 8 8 5 3	6 6 6 6 6	8 8 8 8 8	6 6 6 6 6	8 8 8 8 8	2,000 2,000 1,950 1,950 1,650 1,300	4,000 4,000 3,950 3,950 3,650 2,900	2,000 2,000 1,950 1,925 1,825 1,750	4,000 4,000 3,950 3,950 3,700 3,550	2,000 2,000 2,000 2,000 1,875 1,825	4,000 4,000 4,000 4,000 3,850 3,700

## G25N-7

			Fully								Pated Los	ad Capacitio	ne			
Mast	Maximum	Maximum Lowered Height	Extended Height	Free Lift								25N-7				
type	Fork Height		With Load	With Load				Ingle					Load Ca	pacities		
			With Load Backrest	Backrest		Pneu.		e Pneu		Solid	Single		Double		Single	
			Duckiest	Ducitiost	FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC24in
	mm	mm	mm	mm	deg	deg	deg	deg	deg	deg	kg	lb	kg	lb	kg	lb
	2,030 2,580 2,950	1,575 1,850 2,035	3,290 3,840 4,210	147 147 147	6 6 6	10 10 10	6 6 6	10 10 10	6 6	10 10 10	2,500 2,500 2,500	5,000 5,000 5,000	2,500 2,500 2,500	5,000 5,000 5,000	2,500 2,500 2,500	5,000 5,000 5,000
STD	3,230 3,500 3,800 3,950 4,350	2,175 2,425 2,575 2,650 2,850	4,490 4,765 5,065 5,215 5,615	147 147 147 147 147	6 6 6 6	10 10 10 10 10	6 6 6 6	10 10 10 10 10	6 6 6 6	10 10 10 10 10	2,500 2,500 2,500 2,500 2,500 2,500	5,000 5,000 5,000 5,000 5,000	2,500 2,500 2,500 2,500 2,500 2,500	5,000 5,000 5,000 5,000 5,000	2,500 2,500 2,500 2,500 2,500 2,500	5,000 5,000 5,000 5,000 5,000
FF	2,580 2,950 3,230	3,150 1,850 2,035 2,175	3,840 4,210 4,490	645 830 970	6 6 6	10 10 10	6 6 6	10 10 10 10	6 6 6	10 10 10 10	2,075 2,500 2,500 2,500	5,000 5,000 5,000	2,450 2,500 2,500 2,500	5,000 5,000 5,000	2,500 2,500 2,500 2,500	5,000 5,000 5,000 5,000
	3,600	2,425	4,865	1,220	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
FFT	3,900 4,290 4,730 4,805 5,560	1,875 2,015 2,150 2,175 2,500	5,165 5,570 5,990 6,065 6,815	670 805 945 970 1,295	6 6 6 6	8 5 3 3	6 6 6 6	8 8 8 8	6 6 6	8 8 8 8	2,500 2,500 2,450 2,350 1,525	5,000 5,000 5,000 5,000 3,400	2,500 2,500 2,500 2,475 2,325	5,000 5,000 5,000 5,000 4,750	2,500 2,500 2,500 2,475 2,400	5,000 5,000 5,000 5,000 4,850
	6,010	2,650	7,265	1,445	6	3	6	8	6	5	1,175	2,600	2,250	4,550	2,300	4,700

Mast Specifications & Rated Capacities are based on standard chassis with pneumatic tire and without side shifter.

# G30N-7

			Fully Extended	Free Lift							Rated Loa	ıd Capacitio	es								
Mast	Maximum Fork	Maximum Lowered Height	Height	riee Liit							G:	30N-7									
type	Height		With Load	With Load	With Load	With Load	With Load	With Load	With Load	With Load				Ingle					Load Car		
			Backrest	Backrest	Single			e Pneu BWD		Solid	Single		Double		Single						
					FWD	BWD	FWD		FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in					
	mm	mm	mm	mm	deg	deg	deg	deg	deg	deg	kg	lb	kg	lb	kg	lb					
STD	2,030 2,580 2,950 3,230 3,500 3,800 3,950 4,350 4,960 2,580 2,950	1,565 1,840 2,025 2,175 2,175 2,565 2,640 2,840 3,140 1,840 2,025	3,290 3,840 4,210 4,490 4,765 5,065 5,215 5,615 6,215 3,840 4,210	152 152 152 152 152 152 152 152 152 152	6 6 6 6 6 6 6	10 10 10 10 10 10 10 5 3	6 6 6 6 6 6 6	10 10 10 10 10 10 10 10 10 10	6 6 6 6 6 6 6 6 6 6 6	10 10 10 10 10 10 10 10 10 10	3,000 3,000 3,000 3,000 3,000 3,000 3,000 2,525 3,000 3,000	6,000 6,000 6,000 6,000 6,000 6,000 6,000 5,550 6,000 6,000	3,000 3,000 3,000 3,000 3,000 3,000 3,000 3,000 2,900 3,000 3,000	6,000 6,000 6,000 6,000 6,000 6,000 6,000 5,850 6,000 6,000	3,000 3,000 3,000 3,000 3,000 3,000 3,000 2,975 3,000 3,000	6,000 6,000 6,000 6,000 6,000 6,000 6,000 6,000 6,000					
FF	3,230 3,600	2,025 2,165 2,415	4,210 4,490 4,865	965 1,215	6	10 10 10	6	10 10 10	6	10 10 10	3,000 3,000 3,000	6,000 6,000 6,000	3,000 3,000 3,000	6,000 6,000 6,000	3,000 3,000 3,000	6,000 6,000					
FFT	3,900 4,290 4,730 4,805 5,560 6,010	1,890 2,025 2,165 2,190 2,515 2,665	5,165 5,570 5,990 6,065 6,815 7,265	690 825 965 990 1,315 1,465	6 6 6 6 6	8 8 3 3 3	6 6 6 6 6	8 8 8 8 8 5	6 6 6 6 6	8 8 8 8 5 3	2,900 2,900 2,900 2,825 1,850 1,425	6,000 6,000 5,950 5,950 4,050 3,200	2,900 2,900 2,900 2,900 2,750 2,675	6,000 6,000 6,000 5,950 5,600 5,450	2,900 2,900 2,900 2,900 2,825 2,750	6,000 6,000 6,000 6,000 5,750 5,600					

# G33N-7

			Fully Extended	Free Lift							Rated Loa	d Capaciti	es		-	
Mast	Maximum Fork	Maximum Lowered Height	Height	rree Liit							G	3N-7				
type	Height		With Load	With Load				Ingle					Load Ca			
			Backrest	Backrest	Single			e Pneu		Solid	Single		Double		Single Solid	
					FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC24in
	mm	mm	mm	mm	deg	deg	deg	deg	deg	deg	kg	lb	kg	lb	kg	lb
STD	2,030 2,580 2,950 3,230 3,500 3,800 3,950 4,350 4,960	1,565 1,840 2,025 2,165 2,415 2,565 2,640 2,840 3,140	3,290 3,840 4,210 4,490 4,765 5,065 5,215 5,615 6,215	152 152 152 152 152 152 152 152 152	6 6 6 6 6 6 6	10 10 10 10 10 10 10 5 3	6 6 6 6 6 6 6	10 10 10 10 10 10 10 10	6 6 6 6 6 6	10 10 10 10 10 10 10 10 10 8	3,250 3,250 3,250 3,250 3,250 3,250 3,175 3,175 2,450	6,500 6,500 6,500 6,500 6,500 6,500 6,500 6,500 5,400	3,250 3,250 3,250 3,250 3,250 3,250 3,250 3,250 3,250 3,125	6,500 6,500 6,500 6,500 6,500 6,500 6,500 6,500 6,350	3,250 3,250 3,250 3,250 3,250 3,250 3,250 3,250 3,250 3,200	6,500 6,500 6,500 6,500 6,500 6,500 6,500 6,500
FF	2,580 2,950 3,230 3,600	1,840 2,025 2,165 2,415	3,840 4,210 4,490 4,865	640 825 965 1,215	6 6 6	10 10 10 10	6 6 6	10 10 10 10	6 6 6	10 10 10 10	3,250 3,250 3,250 3,250 3,250	6,500 6,500 6,500 6,500	3,250 3,250 3,250 3,250 3,250	6,500 6,500 6,500 6,500	3,250 3,250 3,250 3,250 3,250	6,500 6,500 6,500 6,500
FFT	3,900 4,290 4,730 5,560 6,010	1,890 2,025 2,165 2,515 2,665	5,165 5,570 5,990 6,815 7,265	690 825 965 1,315 1,465	6 6 6 6	8 8 3 3	6 6 6 6	8 8 8 8 5	6 6 6 6	8 8 8 5 3	3,250 3,250 2,900 1,750 1,350	6,500 6,500 6,300 3,950 3,050	3,250 3,250 3,175 2,975 2,875	6,500 6,500 6,450 6,050 5,850	3,250 3,250 3,250 3,050 2,950	6,500 6,500 6,500 6,200 6,050

# G35NC-7

			Fully	Free Lift							Rated Loa	ıd Capaciti	es			
Mast	Maximum Fork	Maximum Lowered Height	Extended Height	rree Liit							G3	5NC-7				
type	Height		With Load With Load				Angle			Load Capacities						
			Backrest	Backrest	Single	Pneu.		e Pneu	Single Solid		Single		Double		Single Solid	
					FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in
	mm	mm	mm	mm	deg	deg	deg	deg	deg	deg	kg	lb	kg	lb	kg	lb
STD	1,800 2,350 2,720 3,000 3,495 3,655 3,805 4,205 4,805	1,565 1,840 2,025 2,165 2,415 2,565 2,640 2,840 3,140	3,290 3,610 3,980 4,260 4,760 4,915 5,065 5,465 6,065	152 152 152 152 152 152 152 152 152	6 6 6 6 6 6 6	10 10 10 10 10 10 10 10 3	6 6 6 6 6 6 6	10 10 10 10 10 10 10 10 8	6 6 6 6 6 6 6	10 10 10 10 10 10 10 10 10 8	3,500 3,500 3,500 3,500 3,500 3,500 3,500 3,425 3,250	7,000 7,000 7,000 7,000 7,000 7,000 7,000 6,950 6,650	3,500 3,500 3,500 3,500 3,500 3,500 3,500 3,425 3,275	7,000 7,000 7,000 7,000 7,000 7,000 7,000 6,950 6,650	3,500 3,500 3,500 3,500 3,500 3,500 3,500 3,500 3,500 3,375	7,000 7,000 7,000 7,000 7,000 7,000 7,000 7,000 6,850
FF	2,350 2,720 3,000 3,495	1,840 2,025 2,165 2,415	3,610 3,980 4,260 4,755	640 825 965 1,215	6 6 6	10 10 10 10	6 6 6	10 10 10 10	6 6 6	10 10 10 10	3,500 3,500 3,500 3,500	7,000 7,000 7,000 7,000	3,500 3,500 3,500 3,500	7,000 7,000 7,000 7,000	3,500 3,500 3,500 3,500	7,000 7,000 7,000 7,000
FFT	3,555 3,960 4,380 4,820 5,205 5,655	1,890 2,025 2,165 2,335 2,515 2,665	4,815 5,220 5,640 6,085 6,465 6,915	690 825 965 1,135 1,315 1,465	6 6 6 6	8 8 5 3 3	6 6 6 6 6	8 8 8 8 8	6 6 6 6	8 8 8 8 5 3	3,400 3,400 3,375 3,250 2,600 1,975	7,000 7,000 6,850 6,600 5,800 4,450	3,400 3,400 3,375 3,250 3,150 3,050	7,000 7,000 6,850 6,650 6,450 6,200	3,400 3,400 3,400 3,350 3,250 3,150	7,000 7,000 7,000 6,800 6,600 6,400