

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 philosophy 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.



Doosan Industrial Vehicle

Major global player in the infrastructure support business with a proud heritage

With a proud history dating back to 1937, when we began as Chosun Machinery, Doosan Industrial Vehicle has grown into Korea's largest machinery manufacturer, playing a leading role in the development of the industry in Korea.

Today, we are a global enterprise. operating large-scale plants and sales subsidiaries both at home and overseas and maintaining an operational network that spans continents.

Committed To Innovation

We are committed to the advancement of new technologies and the 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.

Committed To Our Customers

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

Our Promise

Doosan Industrial Vehicle is the partner you can count on, always putting our commitment to you first.

Award-Winning Machines

Doosan currently holds a number of export, design & safety awards, including five Forklift Truck Association awards for Design Excellence.

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 reliability 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.



OUTSTANDING PRODUCTIVITY & DURABILITY

7 Series LP Forklifts

2.0 to 3.5 Ton Series



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.



Optimized Components Location

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

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.



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.

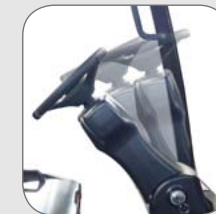


Optimum Visibility

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.

Fully Adjustable Operator's Space

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



Easy to Read Display

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



Full Cabin (Optional)

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

Swing Out & Down LP Cradle (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.

SAFETY & STABILITY



Operator Sensing System

Operator sensing system(OSS) prohibits the operation automatically during operator's absence.
Truck will not move without an operator in the seat.
Tilt, Lift and Lower function disabled if the operator is not in the seat or the key is off.
Alarm will sound if operator leaves the seat w/o applying parking brake.
Seat belt warning light on dash to remind operator to fasten seat belt.



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.

Orange color



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.

SERVICEABILITY

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 gauges
- CANbus communications
- Junction box : Integration of fuses and relays



VERSATILITY



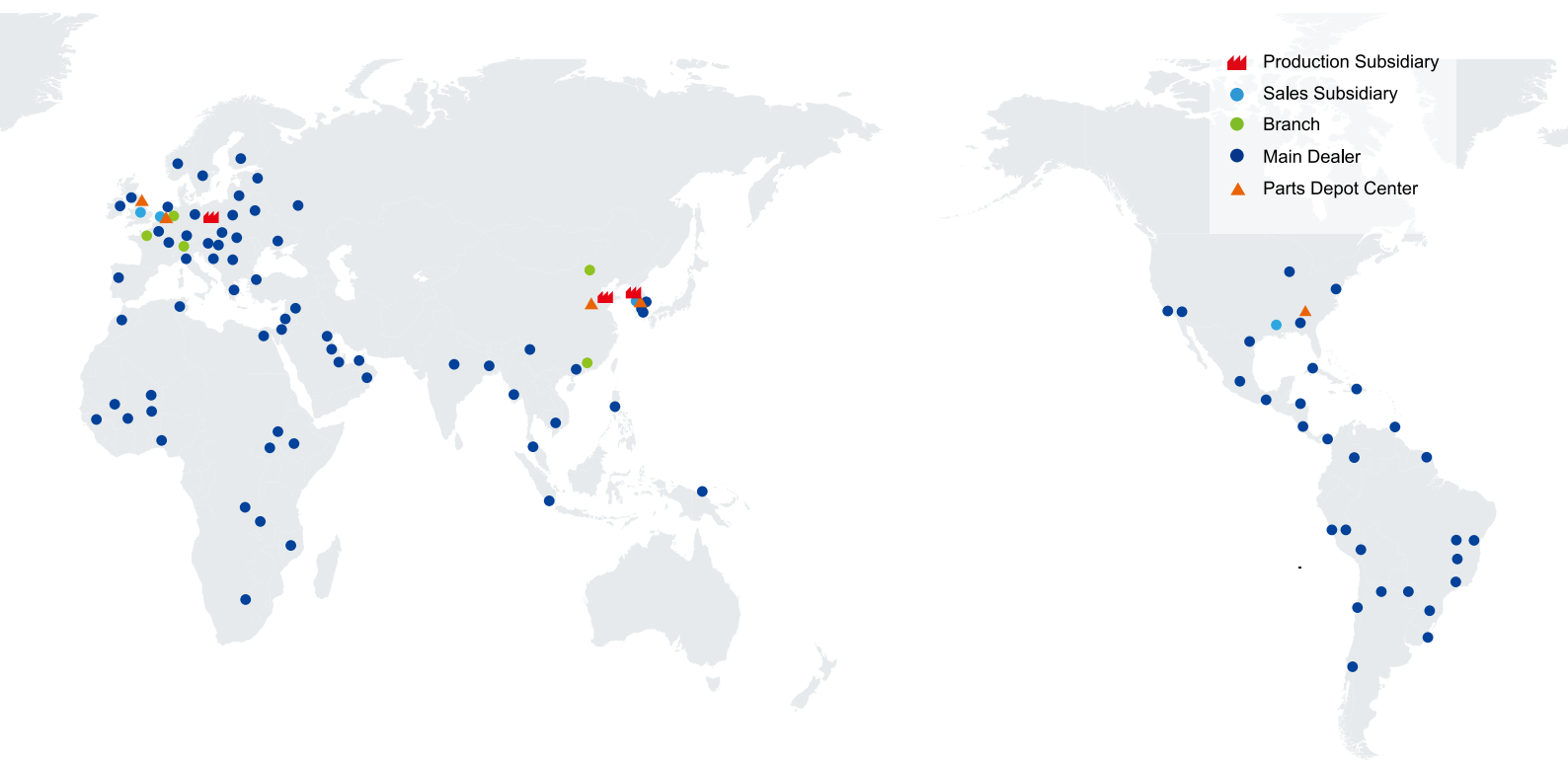


Differentiated Support You can trust.

You will receive the best after-sales service from your authorized local or national factory-trained dealer, backed by Doosan’s own customer service center. And Doosan provides 100% parts inventory to insure any downtime is minimized. When you own a Doosan forklift, our high quality, responsive customer support team comes with it. The Doosan network starts with your local dealer and ends with a national team of highly qualified and experienced personnel standing ready to support all your material handling needs.

Standard Features and Optional Extras

	STANDARD	OPTION
SAFETY		
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
Swing Out & Down LP Cradle		0
PRODUCTIVITY		
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		
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		
Electronic Control Units(ECU) Cover	0	
Use waterproof connectors	0	
Dual Element Air Cleaner	0	
Full Floating Driveaxle(w/ ODB)	0	
Autoshift Controller		0
Radiator Screen		0
Vented Side Panel		0
Pre-Cleaner		0
SERVICEABILITY		
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		
Emission Regulation	0	
ISO 9001 / ISO 14001	0	
2 Operation Mode(STD / ECO Mode)	0	
HOMOLOGATION		
UL		0
CE		0



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

2017 Jan

AUTHORIZED DEALER



www.doosan-iv.com

7 Series Forklifts

Pneumatic LP 2.0 to 3.5 ton Series

G20N/G25N/G30N/G33N-7, G35NC-7



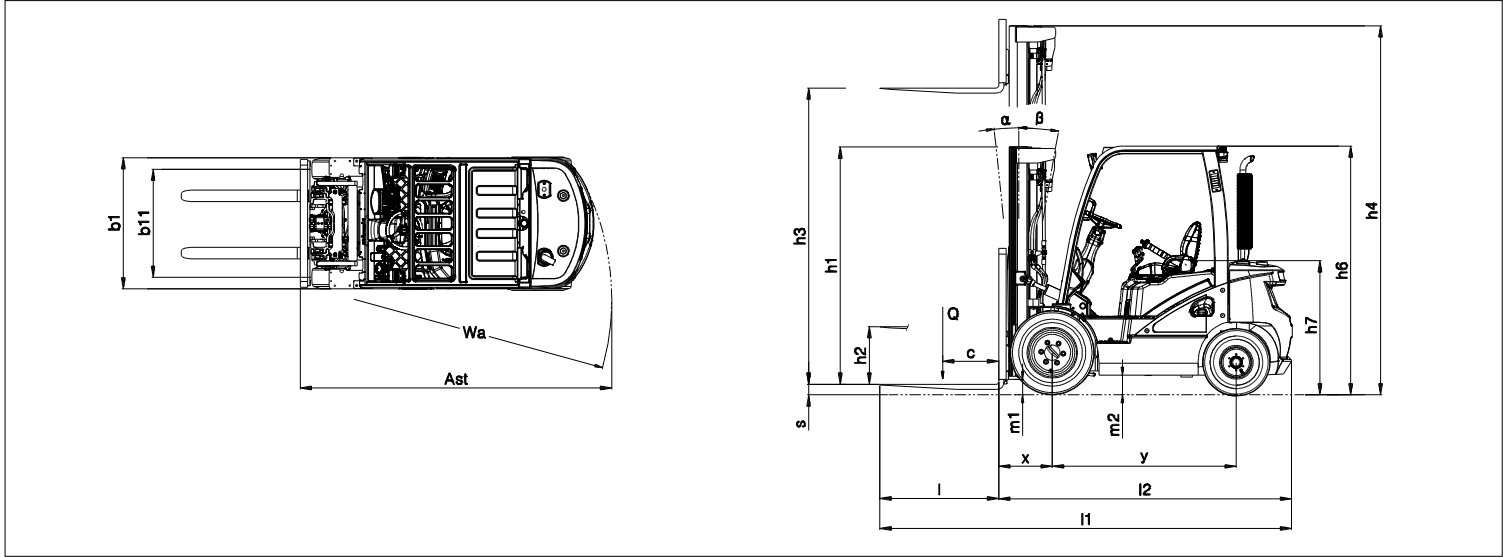
Building your tomorrow today

Technical Data according to VDI 2198

Characteristics	1.1	Manufacturer			Doosan	Doosan	Doosan	Doosan	Doosan
	1.2	Model designation			G20N-7	G25N-7	G30N-7	G33N-7	G35NC-7
	1.3	Drive: Diesel, Gasoline, LP			LP	LP	LP	LP	LP
	1.4	Operator type: Hand, Pedestrian, Standing, Seated, Order-picker			Seated	Seated	Seated	Seated	Seated
	1.5	Load Capacity	Q	kg	2,000	2,500	3,000	3,250	3,500
	1.6	Load Center	c	mm	500	500	500	500	500
	1.8	Load Distance: Center of Driveaxle to fork	x	mm	480	480	485	485	495
	1.9	Wheelbase	y	mm	1,625	1,625	1,700	1,700	1,700
Weight	2.1	Service weight		kg	3,635	4,010	4,510	4,715	4,800
	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
Tyres	3.1	Tyres: pneumatic (P), superelastic (SE), cushion (C)			P	P	P	P	P
	3.2	Tyre size, Front			7.00x15-12	7.00x15-12	28x9x15-12	28x9x15-12	250x15-18
	3.3	Tyre size, Reat			6.50x10-10	6.50x10-10	6.50x10-10	6.50x10-12	6.50x10-12
	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
Dimensions	4.1	Tilt of Mast/Fork carriage Forward/Backward	α/β	°	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
	4.20	Length to Forkface	l2	mm	2,530	2,595	2,700	2,730	2,765
	4.21	Overall Width	b1/b2	mm	1,170	1,170	1,197	1,197	1,255
	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
Performance data	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
	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
	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
	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
	5.7	Gradeability, Laden/Unladen(@ 1.6km/h)		%	36/-	30.5/-	27.5/-	25.5/-	23.5/-
	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
	7.2	Engine power according to DIN ISO1585		kW	46.8	46.8	46.8	46.8	46.8
Combustion Engine	7.3	Rated Speed		min-1	2,600	2,600	2,600	2,600	2,600
	7.3.1	Torque at 1/min		N•m	190/1,700	190/1,700	190/1,700	190/1,700	190/1,700
	7.4	Number of Cylinders/Displacement		-/cm3	4/2,488	4/2,488	4/2,488	4/2,488	4/2,488
	7.10	Battery Voltage/normal capacity		V/Ah	12/50	12/50	12/50	12/50	12/50
Addition Data	10.1	Operating pressure for attachments		bar	156	156	156	156	156
	10.2	Oil volume for attachments		l/min	60	60	60	60	60
	10.4	Fuel Tank Capacity		l	51	51	51	51	51
	10.7	Sound level at th driver's ear according to EN 12 053		dB(A)	84	84	84	84	84

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-7

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities											
					G20N-7											
					Tilt Angle						Load Capacities					
					Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
			With Load Backrest	With Load Backrest	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	1,575	3,290	147	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	2,580	1,850	3,840	147	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	2,950	2,035	4,210	147	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	3,230	2,175	4,490	147	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	3,500	2,425	4,765	147	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	3,800	2,575	5,065	147	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	3,950	2,650	5,215	147	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	4,350	2,850	5,615	147	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	4,960	3,150	6,215	147	6	5	6	10	6	10	1,900	3,750	1,925	3,900	1,975	4,000
FF	2,580	1,850	3,840	645	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	2,950	2,035	4,210	830	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	3,230	2,175	4,490	970	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	3,600	2,425	4,865	1,220	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
FFT	3,900	1,875	5,165	670	6	8	6	8	6	8	2,000	4,000	2,000	4,000	2,000	4,000
	4,290	2,015	5,570	805	6	8	6	8	6	8	2,000	4,000	2,000	4,000	2,000	4,000
	4,730	2,150	5,990	945	6	8	6	8	6	8	1,950	3,950	1,950	3,950	2,000	4,000
	4,805	2,175	6,065	970	6	5	6	8	6	8	1,950	3,950	1,925	3,950	2,000	4,000
	5,560	2,500	6,815	1,295	6	3	6	8	6	8	1,650	3,650	1,825	3,700	1,875	3,850
	6,010	2,650	7,265	1,445	6	3	6	8	6	5	1,300	2,900	1,750	3,550	1,825	3,700

G25N-7

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities											
					G25N-7											
					Tilt Angle						Load Capacities					
					Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
			With Load Backrest	With Load Backrest	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	1,575	3,290	147	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	2,580	1,850	3,840	147	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	2,950	2,035	4,210	147	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	3,230	2,175	4,490	147	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	3,500	2,425	4,765	147	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	3,800	2,575	5,065	147	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	3,950	2,650	5,215	147	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	4,350	2,850	5,615	147	6	5	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	4,960	3,150	6,215	147	6	3	6	10	6	10	2,075	4,600	2,450	4,950	2,500	5,000
FF	2,580	1,850	3,840	645	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	2,950	2,035	4,210	830	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	3,230	2,175	4,490	970	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	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,

G30N-7

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities											
					G30N-7											
			With Load Backrest	With Load Backrest	Tilt Angle						Load Capacities					
					Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
	mm	mm	mm	mm	FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in
					deg	deg	deg	deg	deg	deg	kg	lb	kg	lb	kg	lb
STD	2,030	1,565	3,290	152	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	2,580	1,840	3,840	152	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	2,950	2,025	4,210	152	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	3,230	2,175	4,490	152	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	3,500	2,415	4,765	152	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	3,800	2,565	5,065	152	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	3,950	2,640	5,215	152	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	4,350	2,840	5,615	152	6	5	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	4,960	3,140	6,215	152	6	3	6	10	6	10	2,525	5,550	2,900	5,850	2,975	6,000
FF	2,580	1,840	3,840	640	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	2,950	2,025	4,210	825	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	3,230	2,165	4,490	965	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	3,600	2,415	4,865	1,215	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
FFT	3,900	1,890	5,165	690	6	8	6	8	6	8	2,900	6,000	2,900	6,000	2,900	6,000
	4,290	2,025	5,570	825	6	8	6	8	6	8	2,900	6,000	2,900	6,000	2,900	6,000
	4,730	2,165	5,990	965	6	3	6	8	6	8	2,900	5,950	2,900	6,000	2,900	6,000
	4,805	2,190	6,065	990	6	3	6	8	6	8	2,825	5,950	2,900	5,950	2,900	6,000
	5,560	2,515	6,815	1,315	6	3	6	8	6	5	1,850	4,050	2,750	5,600	2,825	5,750
	6,010	2,665	7,265	1,465	6	3	6	5	6	3	1,425	3,200	2,675	5,450	2,750	5,600

G33N-7

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities											
					G33N-7											
			With Load Backrest	With Load Backrest	Tilt Angle						Load Capacities					
					Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
	mm	mm	mm	mm	FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC24in
					deg	deg	deg	deg	deg	deg	kg	lb	kg	lb	kg	lb
STD	2,030	1,565	3,290	152	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
	2,580	1,840	3,840	152	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
	2,950	2,025	4,210	152	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
	3,230	2,165	4,490	152	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
	3,500	2,415	4,765	152	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
	3,800	2,565	5,065	152	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
	3,950	2,640	5,215	152	6	10	6	10	6	10	3,175	6,500	3,250	6,500	3,250	6,500
	4,350	2,840	5,615	152	6	5	6	10	6	10	3,175	6,500	3,250	6,500	3,250	6,500
	4,960	3,140	6,215	152	6	3	6	10	6	8	2,450	5,400	3,125	6,350	3,200	6,500
FF	2,580	1,840	3,840	640	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
	2,950	2,025	4,210	825	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
	3,230	2,165	4,490	965	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
	3,600	2,415	4,865	1,215	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
FFT	3,900	1,890	5,165	690	6	8	6	8	6	8	3,250	6,500	3,250	6,500	3,250	6,500
	4,290	2,025	5,570	825	6	8	6	8	6	8	3,250	6,500	3,250	6,500	3,250	6,500
	4,730	2,165	5,990	965	6	3	6	8	6	8	2,900	6,300	3,175	6,450	3,250	6,500
	5,560	2,515	6,815	1,315	6	3	6	8	6	5	1,750	3,950	2,975	6,050	3,050	6,200
					6	3	6	5	6	3	1,350	3,050	2,875	5,850	2,950	6,050
	6,010	2,665	7,265	1,465	6	3	6	5	6	3	1,350	3,050	2,875	5,850	2,950	6,050

G35NC-7

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities											
					G35NC-7											
			With Load Backrest	With Load Backrest	Tilt Angle						Load Capacities					
					Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
	mm	mm	mm	mm	FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in
					deg	deg	deg	deg	deg	deg	kg	lb	kg	lb	kg	lb
STD	1,800	1,565	3,290	152	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	2,350	1,840	3,610	152	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	2,720	2,025	3,980	152	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	3,000	2,165	4,260	152	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	3,495	2,415	4,760	152	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	3,655	2,565	4,915	152	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	3,805	2,640	5,065	152	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	4,205	2,840	5,465	152	6	8	6	10	6	10	3,425	6,950	3,425	6,950	3,500	7,000
	4,805	3,140	6,065	152	6	3	6	8	6	8	3,250	6,650	3,275	6,650	3,375	6,850
FF	2,350	1,840	3,610	640	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	2,720	2,025	3,980	825	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	3,000	2,165	4,260	965	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	3,495	2,415	4,755	1,215	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
FFT	3,555	1,890	4,815	690	6	8	6	8	6	8	3,400	7,000	3,400	7,000	3,400	7,000
	3,960	2,025	5,220	825	6	8	6	8	6	8	3,400	7,000	3,400	7,000	3,400	7,000
	4,380	2,165	5,640	965	6	5	6	8	6	8	3,375	6,850	3,375	6,850	3,400	7,000
	4,820	2,335	6,085	1,135	6	3	6	8	6	8	3,250	6,600	3,250	6,650	3,350	6,800
	5,205	2,515	6,465	1,315	6	3	6	8	6	5	2,600	5,800	3,150	6,450	3,250	6,600
	5,655	2,665	6,915	1,465	6	3	6	8	6	3	1,975	4,450	3,050	6,200	3,150	6,400