



PRO5
S E R I E S



D15S / D18S-5 & D20SC-5
G15S / G18S-5 & G20SC-5
3,000lb(1,500kg)
3,500lb(1,750kg) 4,000lb(2,000kg)
Diesel, LP Pneumatic Tire



D20S / D25S / D30S / D33S-5 & D35C-5
G20E / G25E / G30E-5
G20P / G25P / G30P / G33P-5 & G35C-5
G20P / G25P / G30P / G33P-5 & G35C-5 PLUS
4,000lb(2,000kg) 5,000lb(2,500kg)
6,000lb(3,000kg) 6,500lb(3,250kg)
7,000lb(3,500kg)
Diesel, LP Pneumatic Tire

Full Product Line

Doosan offers a full line of lift trucks from 3,000lb(1,500kg) to 36,000lb(16,000kg) to fill all your material handling needs. Contact your dealer for specific information on our various models and configurations.

Complete Distribution Network

Doosan lift trucks are sold and serviced by 95 dealers at over 200 locations in the U.S and Canada. Call us at 770-831-2200 for the location of a dealer near you, or visit us at www.doosanlift.com

Pneumatic Forklift Trucks

D15S / D18S-5 & D20SC-5
G15S / G18S-5 & G20SC-5
D20S / D25S / D30S / D33S-5 & D35C-5
G20E / G25E / G30E-5
G20P / G25P / G30P / G33P-5 & G35C-5
G20P / G25P / G30P / G33P-5 & G35C-5 PLUS
3,000lb to 7,000lb Capacity

PRO5
S E R I E S



PSC0802A4 (July, 2011)



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2905 Shawnee Industrial Parkway,
Suwanee, GA 30024 U.S.A.
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AUTHORIZED DEALER

Product and specifications are subject to improvement and change without notice.

At Doosan, we pride ourselves on our reputation for designing durable, dependable and operator-friendly counterbalance forklifts. Providing a well balanced mix of enhanced technology and proven components, the newly re-designed 3,000lb(1,500kgs) to 7,000lb(3,500kgs) Pro-5 range adheres closely to this ethos.

Improving productivity and lowering operation costs, the range introduces a number of operator comfort refinements, advanced servicing features and performance efficiencies:

- ✓ *High powered and fuel efficient Diesel and LPG engines*
- ✓ *Virtually maintenance-free oil cooled disc brakes*
- ✓ *Power reversal transmission*
- ✓ *Lift and tilt locking hydraulic control Valve*
- ✓ *OSS (Operator Sensing System)*
- ✓ *Refined operator comfort seating area*



Boost your productivity

Our ergonomically designed and spacious operator compartment, combined with a variety of operational enhancements, facilitates easier operation, improving comfort and helping to boost productivity.

Operator Friendly Features Include:

● Spacious and Well Planned Operator compartment

Ample operator leg room, tiltable steering column and ergonomically positioned operator pedals combined with a low cowl height facilitate ease of operation.

● Integrated Instrument Panel

The integrated instrument panel provides critical information instantly. Fuel, oil pressure, temperature and hour usage are clearly indicated, on the instrument panel. Additional status information on the mast interlock feature, transmission status, seat belt, and brake oil level keeps the operator fully aware of all vehicle performance systems.

● Convenience Package

Provides excellent storage for paperwork, refreshments, small tools, etc.

● Auto Tilt Leveling (Optional)

Returns the mast to the upright vertical position at the push of a button.

● Operator Sensing System

- ✓ Parking alarm : Alarm warning when operator leaves the seat without applying parking brake
- ✓ Seat belt indicator : 10 second warning light reminds operator to fasten seat belt.
- ✓ Neutral shift feature : Transmission is automatically shifted into neutral when the operator leaves the seat.

● Rear Grab Bar with Horn

Enables horn activation to alert surrounding personnel without the need to look away from the direction of travel.





Easy to Service, Efficient To Run



● Integrated Electric Components

Both the fuse and relay boxes are located in front of the engine to facilitate easy maintenance.



● Dual Element Air Cleaner

Heavy duty air cleaning system extends the engine service life and allows clean, cool air into the engine intake



● Tool-less Side Cover And Footplate for Ease of Service



High Powered, Fuel Efficient Performance

All our powerful diesel and LPG engines are Tier 3 compliant for reduced emissions. These in-line, 4-cylinder, water cooled, overhead valve engines provide high torque at low engine speeds for applications requiring ramp loading and unloading, fast lift speeds, or heavy hydraulic flow requirements.

● 2.4 Liter Diesel Engine (KUBOTA)

The V2403 2.4 Litre diesel engine is well tuned and recognized for industrial applications, having high fuel efficiency, low emissions and low noise. With features such as high rated power, low fan position, and engine side serviceability. The V2403 also complies with all EU Stage-3A emission requirements.

EPA Tier-4 & Euro Stage-3A



● 3.3 Liter Diesel Engine (YANMAR)

This 3.3 litre diesel engine provides excellent performance for even the toughest applications. The specially optimized engine was designed with advanced computer techniques to provide low noise levels and the combustion pre-chamber, BOSCH VE injection pump and injectors provide low emission characteristics. The 4TNE98 diesel engine also complies with all Euro Stage-3A emission requirements.

EPA Tier-4 & Euro Stage-3A



● 2.4 Liter LPG Engine (HMC)

This engine includes a silent chain timing belt that aids in the reduction of noise levels and helps to improve efficiency. An aluminum 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' valve springs.



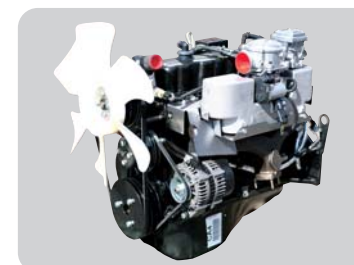
● 2.4 Liter LPG Engine (GM)

This engine provides greater torque and higher performance. The engine includes automatic valve lash adjusters which help to reduce engine maintenance. Five main bearings provide a solid and stable support base to the crankshaft for additional durability and longer life.



● 3.0 Liter LPG Engine (GM)

This engine offers world class levels of design, including a sealed system to eliminate leaks, pistons with high silicon content for added durability, and noise protection and a modular crankshaft for increased strength.



A Hallmark of Durability and Reliability



Doosan's goal is to make your material handling operation as efficient and reliable as possible by minimizing your forklifts downtime to reduce overall maintenance cost.

● Oil- Cooled Disc Brakes (ODB)

Virtually maintenance-free, ODB equipment is standard on all 3,000lb~7,000lb series forklifts. The enclosed brake system eliminates outside contamination, significantly extending the brake life by up to 5 times when compared to conventional shoe brakes, and come with our exclusive extended warranty.



● Limited Power reversal transmission(up to 5 mph)

The top mounted control valve:

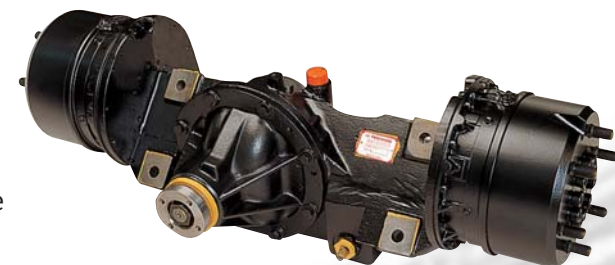
- ✓ accurately modulates clutch oil pressure
- ✓ provides smooth forward / reverse direction changes
- ✓ extends transmission life

The top located test ports are also simple to check and easy to clean.



● Full floating drive axle

A solid one-piece cast iron housing ensures axle components are closely aligned, whilst the high tensile alloy steel shaft extends axle life and allows high torque to be transmitted to the drive wheels.



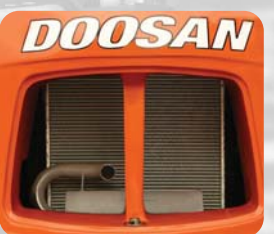
● Hydrostatic steering system

- ✓ Fully hydrostatic steering
- ✓ Self - aligning taper roller bearings
- ✓ Designed to operate in contaminated environments and high impact applications
- ✓ Low effort steering and faster response



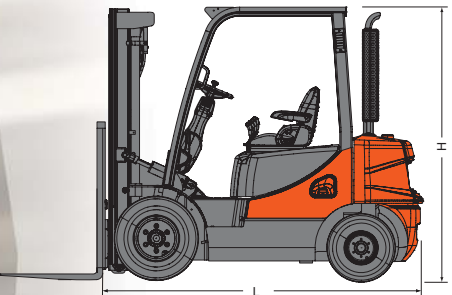
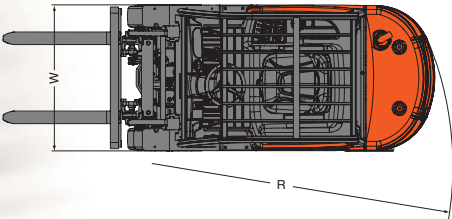
● Increased Cooling Capacity

Aluminum radiator provides excellent cooling capacity with improved air flow.



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 includes a national team of highly qualified and experienced personnel, ready to support all your material handling needs. Doosan also provides 100% parts inventory to ensure downtime is minimized and is on hand to offer technical advice and support via our local, regional and national partners.

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.



■ Option Availability

Options	● : Standard ○ : Optional					
	D15/18S-5 & D20SC-5	G15/18S-5 & G20SC-5	D20/25/30/33S-5 & D35C-5	G20/25/30E-5	G20/25/30/33P-5 & G35C-5	G20/25/30/33P-5 & G35C-5 (PLUS)
Drive in Rack Overhead Guard	○	○	○	○	○	○
Oil- Cooled Disc Brakes	○	○	●	●	●	●
Fuel Cap with Key	○	○	○	○	○	○
Precleaner	○	○	○	○	○	○
Vertical Exhaust Tube	○	○	●	○	○	n/a
Catalytic Muffler *	○	○	○	○	○	●
Modular Operator Cabin	○	○	○	○	○	○
Radiator Screen	○	○	○	○	○	○
Non Marking Tire(Solid)	○	○	○	○	○	○
Spark Arrestor(w/o Cabin)	○	n/a	○	n/a	n/a	n/a
Mono Pad Foot Direction and Acceleration Control	○	○	○	○	○	○
Finger Tip Control System	○	○	○	○	○	n/a
AutoShift (Single,Dual Tire)	○	○	○	○	○	○
Engine Shutdown	n/a	●	○	●	●	●
Swingout LP MTG	n/a	○	n/a	○	○	○
Swingdown LP MTG	n/a	○	n/a	○	○	○
Lift and Tilt locking Hydraulic Control Valve	●	●	●	●	●	●
Auto Tilt Leveling	○	○	○	○	○	○
Rear Grab Bar with Horn	○	○	○	○	○	○
Quad Mast	n/a	n/a	○	○	○	○
Hydraulic Accumulator	○	○	○	○	○	○
Integral Sideshifter	○	○	○	○	○	○
Integral Shifting Fork Positioner	○	○	○	○	○	○
Hook on Sideshifter	○	○	○	○	○	○
UL LPS,DS Rating	n/a	n/a	○	○	○	○

* Catalytic muffler is standard for Tier-3 E/G only

■ Main Specification

Sales Model		D15S-5	D18S-5	D20SC-5	G15S-5	G18S-5	G20SC-5	D20S-5	D25S-5
Rated Load Capacity	lb(kg)	3000(1500)	3500(1750)	4000(2000)	3000(1500)	3500(1750)	4000(2000)	4000(2000)	5000(2500)
Load Center	in(mm)	24(500)	24(500)	24(500)	24(500)	24(500)	24(500)	24(500)	24(500)
Overall Length to Fork Face	L in(mm)	85.4(2170)	87.2(2215)	88.6(2250)	85.4(2170)	87.2(2215)	88.6(2250)	99.6(2530)	102.2(2595)
Truck Overall Width	W in(mm)	42.1(1070)	42.1(1070)	42.1(1070)	42.1(1070)	42.1(1070)	42.1(1070)	46.1(1170)	46.1(1170)
Height of Overhead Guard	H in(mm)	85.4(2170)	85.4(2170)	85.4(2170)	85.4(2170)	85.4(2170)	85.4(2170)	85.9(2183)	85.9(2183)
Minimum Turning Radius	R in(mm)	77.8(1977)	79.6(2022)	80.7(2050)	77.8(1977)	79.6(2022)	80.7(2050)	87.4(2220)	89.2(2265)
Travel Speed, Loaded	mph(km/h)	11.8(19)	11.8(19)	11.8(19)	11.2(18)	11.2(18)	11.2(18)	11.8(19)	11.8(19)
Lifting Speed, Loaded	fpm(mm/s)	118(600)	118(600)	118(600)	118(600)	118(600)	118(600)	104.3(530)	102.3(520)
Engine Models		V2403			G424I(E)(LP, DF)			4TNE98	
Rated Power of Engine	HP(kW)/rpm	45.8(34.2)/2400			45.5(33.9)/2450			59(43.7)/2300	
Max Torque	lb.ft(N.m)/rpm	115(155.9)/2400			109(148)/1600			134(181)/1600	
Displacements	cc	2434			2359			3319	

Sales Model		D30S-5	D33S-5	D35C-5	G20E-5	G25E-5	G30E-5	G20P-5	G25P-5
Rated Load Capacity	lb(kg)	6000(3000)	6500(3250)	7000(3500)	4,000 (2,000)	5,000(2,500)	6000(3000)	4000(2000)	5000(2500)
Load Center	in(mm)	24(500)	24(500)	24(500)	24 (500)	24(500)	24(500)	24(500)	24(500)
Overall Length to Fork Face	L in(mm)	106.3(2700)	107.5(2730)	108.9(2765)	99.6 (2,530)	102.2(2,595)	106.3(2700)	99.6(2530)	102.2(2595)
Truck Overall Width	W in(mm)	47.1(1197)	47.1(1197)	49.4(1255)	46.1 (1,170)	46.1(1,170)	85.2(1197)	46.1(1170)	46.1(1170)
Height of Overhead Guard	H in(mm)	85.9(2183)	85.9(2183)	85.9(2183)	85.9 (2,183)	85.9 (2,183)	85.9(2183)	85.9(2183)	85.9(2183)
Minimum Turning Radius	R in(mm)	93.1(2365)	94.3(2395)	95.3(2420)	87.4 (2,265)	89.1(2,265)	93.1(2365)	87.4(2220)	89.2(2265)
Travel Speed, Loaded	mph(km/h)	11.2(18.5)	11.2(18)	11.5(18.5)	11.8 (19)	11.8(19)	11.2(18)	11.8(19)	11.8(19)
Lifting Speed, Loaded	fpm(mm/s)	98.4(500)	96.3(490)	82.7(420)	104.3 (530)	100.4(510)	98.4(500)	104.3(530)	100.4(510)
Engine Models		4TNE98			G424I(E)(LP, DF)			G424FE(LP,DF)	
Rated Power of Engine	HP(kW)/rpm	59(43.7)/2300			65.3(48.7)/2600			62(46.2)/2550	
Max Torque	lb.ft(N.m)/rpm	134(181)/1600			137(186)/1900			135(182)/2200	
Displacements	cc	3319			2359			2405	

Sales Model		G30P-5	G33P-5	G35C-5	G20P-5 PLUS	G25P-5 PLUS	G30P-5 PLUS	G33P-5 PLUS	G35C-5 PLUS
Rated Load Capacity	lb(kg)	6000(3000)	6500(3250)	7000(3500)	4000(2000)	5000(2500)	6000(3000)	6500(3250)	7000(3500)
Load Center	in(mm)	24(500)	24(500)	24(500)	24(500)	24(500)	24(500)	24(500)	24(500)
Overall Length to Fork Face	L in(mm)	106.3(2700)	107.5(2730)	108.9(2765)	99.6(2530)	102.2(2595)	106.3(2700)	107.5(2730)	108.9(2765)
Truck Overall Width	W in(mm)	47.1(1197)	47.1(1197)	49.4(1255)	46.1(1170)	46.1(1170)	47.1(1197)	47.1(1197)	49.4(1255)
Height of Overhead Guard	H in(mm)	85.9(2183)	85.9(2183)	85.9(2183)	85.9(2183)	85.9(2183)	85.9(2183)	85.9(2183)	85.9(2183)
Minimum Turning Radius	R in(mm)	93.1(2365)	94.3(2395)	95.3(2420)	87.4(2220)	89.2(2265)	93.1(2365)	94.3(2395)	95.3(2420)
Travel Speed, Loaded	mph(km/h)	11.2(18)	11.2(18)	11.5(18.5)	11.8(19)	11.8(19)	11.2(18)	11.2(18)	11.5(18.5)
Lifting Speed, Loaded	fpm(mm/s)	98.4(500)	98.4(500)	82.7(420)	104.3(530)	102.3(520)	100.4(510)	104.3(530)	102.3(520)
Engine Models		G424FE(LP,DF)						G430FE(LP)	
Rated Power of Engine	HP(kW)/rpm	62(46.2)/2550						66.3(49.5)/2600	
Max Torque	lb.ft(N.m)/rpm	135(182)/2200						150(203)/1600	
Displacements	cc	2405						2967	





TECHNICAL SPECIFICATIONS

Pneumatic Forklift Trucks

D15S / D18S-5 & D20SC-5

G15S / G18S-5 & G20SC-5

3,000lb to 4,000lb Capacity

PRO5
S E R I E S



3,000/3,500/4,000 lb Capacities

Engine Powered Forklift Trucks

Pneumatic Tire

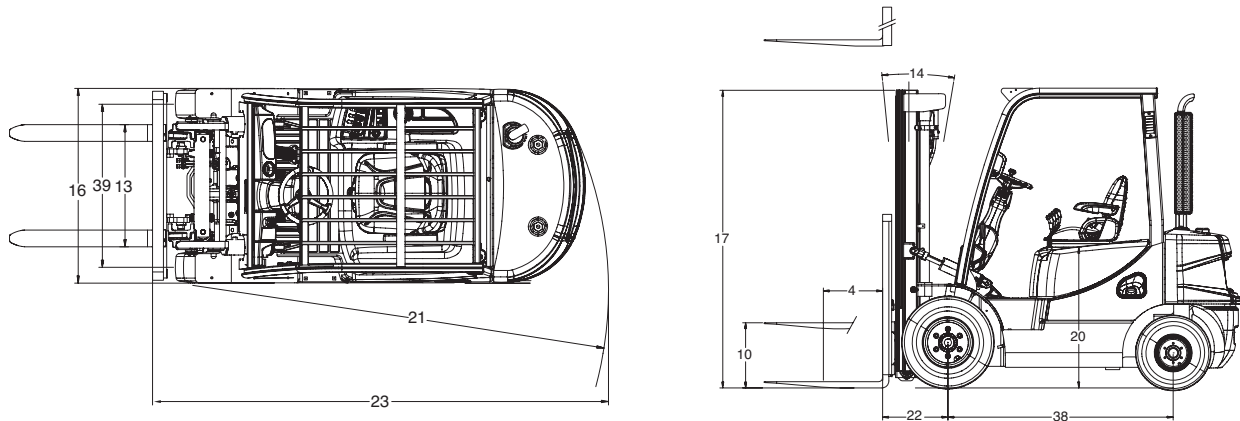
MAIN VEHICLE SPECIFICATIONS

CHARACTERISTICS	1	Manufacture			DOOSAN	DOOSAN	DOOSAN	DOOSAN	DOOSAN	DOOSAN
	2	Model			D15S-5	D18S-5	D20SC-5	G15S-5	G18S-5	G20SC-5
	3	Load Capacity	at rated load center	lb(kg)	3,000 (1,500)	3,500 (1,750)	4,000 (2,000)	3,000 (1,500)	3,500 (1,750)	4,000 (2,000)
	4	Load Center		in(mm)	24 (500)	24 (500)	24 (500)	24 (500)	24 (500)	24 (500)
	5	Power type	Elec, Diesel, LPG, Gasoline		Diesel	Diesel	Diesel	LP	LP	LP
	6	Operator type			driver seated	driver seated	driver seated	driver seated	driver seated	driver seated
	7	Tire type	P:Pnu, E:Solid Soft, C: Cush		P	P	P	P	P	P
	8	Wheels (x=Driven)	Front / Rear		X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2
DIMENSIONS	9	Max. Fork Height	with STD 2-stage mast	in(mm)	129.9 (3,300)	129.9 (3,300)	129.9 (3,300)	129.9 (3,300)	129.9 (3,300)	129.9 (3,300)
	10	Free Lift		in(mm)	5.3 (135)	5.3 (135)	5.5 (140)	5.3 (135)	5.3 (135)	5.5 (140)
	12	Fork Carriage	ISO Class		II	II	II	II	II	II
	13	Forks	Length x Width x Thickness	in (mm)	35.4x3.9x1.4 (900x100x35)	35.4x3.9x1.4 (900x100x35)	35.4x3.9x1.6 (900x100x40)	35.4x3.9x1.4 (900x100x35)	35.4x3.9x1.4 (900x100x35)	35.4x3.9x1.6 (900x100x40)
			Fork Spacing(Min x Max)	in (mm)	9.5x35.6 (240x905)	9.5x35.6 (240x905)	9.5x35.6 (240x905)	9.5x35.6 (240x905)	9.5x35.6 (240x905)	9.5x35.6 (240x905)
	14	Tilt of Mast	Forward / Backward	deg	6 / 8	6 / 8	6 / 8	6 / 8	6 / 8	6 / 8
	15	Overall Dimensions	Length to Fork Face	in(mm)	85.4 (2,170)	87.2 (2,215)	88.6 (2,250)	85.4 (2,170)	87.2 (2,215)	88.6 (2,250)
	16		Overall Width	in(mm)	42.1 (1,070)	42.1 (1,070)	42.1 (1,070)	42.1 (1,070)	42.1 (1,070)	42.1 (1,070)
	17		Mast Lowered Height	in(mm)	86 (2,185)	86 (2,185)	86 (2,185)	86 (2,185)	86 (2,185)	86 (2,185)
	18		Mast Extended Height	in(mm)	171.5 (4,355)	171.5 (4,355)	171.7 (4,360)	171.5 (4,355)	171.5 (4,355)	171.7 (4,360)
	19		Overhead Guard Height	in(mm)	85.4 (2,170)	85.4 (2,170)	85.4 (2,170)	85.4 (2,170)	85.4 (2,170)	85.4 (2,170)
	20		Seat Height	in(mm)	39.6 (1,005)	39.6 (1,005)	39.6 (1,005)	39.6 (1,005)	39.6 (1,005)	39.6 (1,005)
	21	Turning Radius	Minimum outside	in(mm)	77.8 (1,977)	79.6 (2,022)	80.7 (2,050)	77.8 (1,977)	79.6 (2,022)	80.7 (2,050)
	22	Load Moment Center		in(mm)	15.5 (394)	15.5 (394)	15.7 (399)	15.5 (394)	15.5 (394)	15.7 (399)
	23	Aisle 90 degree stacking(add load length & clearance)		in(mm)	92.9 (2,360)	94.4 (2,398)	95.4 (2,422)	92.9 (2,360)	94.4 (2,398)	95.4 (2,422)
PERFORMANCE	24	Travel Speed	Loaded / Unloaded	mph (km/h)	11.8 / 12.4 (19 / 20)	11.8 / 12.4 (19 / 20)	11.8 / 12.4 (19 / 20)	11.2 / 11.8 (18 / 19)	11.2 / 11.8 (18 / 19)	11.2 / 11.8 (18 / 19)
	25	Lifting Speed	Loaded / Unloaded	fpm (mm/s)	118.1 / 128.0 (600 / 630)	118.1 / 128.0 (600 / 630)	118.1 / 128.0 (600 / 630)	118.1 / 128.0 (600 / 650)	118.1 / 128.0 (600 / 650)	118.1 / 128.0 (600 / 650)
	26	Lowering Speed	Loaded / Unloaded	fpm (mm/s)	98.4 / 88.6 (500 / 450)	98.4 / 88.6 (500 / 450)	98.4 / 88.6 (500 / 450)	98.4 / 88.6 (500 / 450)	98.4 / 88.6 (500 / 450)	98.4 / 88.6 (500 / 450)
	28	Max. drawbar pull	Loaded at 1.0 mph (1.6km / h)	lb(kg)	3,086.5 (1,400)	3,086.5 (1,400)	3,086.5 (1,400)	3,174.7(1,440)	3,152.6(1,430)	3,130.6(1,420)
	30	Max. gradeability	Loaded at 1.0 mph (1.6km / h)	%	32	30	29	35.5	31.0	28.5
WEIGHT	32	Total Service Weight, Unloaded		lb(kg)	6,349.3 (2,880)	6,812.3 (3,090)	7,165 (3,250)	6,172.9 (2,800)	6,635.9 (3,010)	6,988.6 (3,170)
	33	Axle Load	Loaded, Front / Rear	lb (kg)	8,377.6 / 1,278.7 (3,800 / 580)	9,182.2 / 1,492.5 (4,165 / 677)	10,020 / 1,492.5 (4,545 / 705)	8,322.4 / 1,157.4 (3,775 / 525)	9,127.2 / 1,366.9 (4,140 / 620)	9,946.9 / 1,433 (4,520 / 650)
	34		Unloaded, Front / Rear	lb (kg)	2,954.2 / 3,493.2 (1,340 / 1,560)	2,844 / 4,056.5 (1,290 / 1,840)	2,777.2 / 4,387.2 (1,260 / 1,990)	2,910.1 / 3,273.9 (1,320 / 1,485)	2,799.9 / 3,836 (1,270 / 1,740)	2,722.2 / 4,265.9 (1,235 / 1,935)
CHASSIS	35		Number of wheels(F / R)		2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2
	36	Tires	Size, Front		6.50x10-12	6.50x10-12	6.50x10-12	6.50x10-12	6.50x10-12	6.50x10-12
	37		Size, Rear		5.00x8-10	5.00x8-10	5.00x8-10	5.00x8-10	5.00x8-10	5.00x8-10
	38	Wheel Base	Distance	in(mm)	55.1(1,400)	55.1(1,400)	55.1(1,400)	55.1 (1,400)	55.1 (1,400)	55.1 (1,400)
	39	Tread Width	Front / Rear	in (mm)	35.0 / 35.8 (890 / 910)	35.0 / 35.8 (890 / 910)	35.0 / 35.8 (890 / 910)	35.0 / 35.8 (890 / 910)	35.0 / 35.8 (890 / 910)	35.0 / 35.8 (890 / 910)
	40	Ground Clearance	Loaded at the lowest point	in(mm)	4.7 (120)	4.7 (120)	4.7 (120)	4.7 (120)	4.7 (120)	4.7 (120)
	41		Loaded at center of wheelbase	in(mm)	5.9 (150)	5.9 (150)	5.9 (150)	5.9 (150)	5.9 (150)	5.9 (150)
	42	Brakes	Service		Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd
POWER TRAIN	43		Parking		Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech
	45	Battery	Voltage / Ampere	V / AH	12 / 60	12 / 60	12 / 60	12 / 45	12 / 45	12 / 45
	49	Engine	Model		V2403	V2403	V2403	G424I(E)	G424I(E)	G424I(E)
	50		Rated Power(DIN)	HP/rpm kW/rpm	45.8 / 2,400 34.2 / 2,400	45.8 / 2,400 34.2 / 2,400	45.8 / 2,400 34.2 / 2,400	45.5 / 2,450 33.9 / 2,450	45.5 / 2,450 33.9 / 2,450	45.5 / 2,450 33.9 / 2,450
	51		Maximum Torque	lb · ft/rpm kg · m/rpm	115 / 1,600 155.9 / 1,600	115 / 1,600 155.9 / 1,600	115 / 1,600 155.9 / 1,600	109.2 / 1,600 15.1 / 1,600	109.2 / 1,600 15.1 / 1,600	109.2 / 1,600 15.1 / 1,600
	52		Cylinders / Displacement	in³(cc)	4 / 149 (2,434)	4 / 149 (2,434)	4 / 149 (2,434)	4 / 144 (2,359)	4 / 144 (2,359)	4 / 144 (2,359)
	55	Transmission	Type		powershift	powershift	powershift	powershift	powershift	powershift
			Number of Speeds (Fwd / Rev)		1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
57	Hydraulic Pressure	System	psi(bar)	2,552 (176)	2,880 (199)	3,132 (216)	2,552 (176)	2,880 (199)	3,132 (216)	
		Attachment	psi(bar)	2,552 (176)	2,880 (199)	3,132 (216)	2,552 (176)	2,880 (199)	3,132 (216)	

Note: Specification values quoted in this specification sheet has been rounded. Performance may vary due to operation conditions.

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MAST SPECIFICATIONS and RATED CAPACITIES



D/G15S-5

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities			
									D/G15S-5			
									Tilt Angle		Load Capacities	
	mm	in	mm	in	mm	in	mm	in	FWD	BWD	LC 500mm	LC 24in
STD	3000	118	2035	80	4055	160	135	5	6	8	1500	3000
	3300	130	2185	86	4355	171	135	5	6	8	1500	3000
	3500	138	2285	90	4555	179	135	5	6	8	1500	3000
	3700	146	2385	94	4755	187	135	5	6	8	1500	3000
	4000	157	2585	102	5055	199	135	5	6	8	1500	3000
	4500	177	2835	112	5555	219	135	5	6	8	1500	3000
FF	2700	106	1885	74	3755	148	880	35	6	8	1500	3000
	3000	118	2035	80	4055	160	1030	41	6	8	1500	3000
	3300	130	2185	86	4355	171	1180	46	6	8	1500	3000
FFT	4000	157	1915	75	5055	199	910	36	6	8	1500	3000
	4500	177	2080	82	5555	219	1075	42	6	8	1475	2950
	4750	187	2165	85	5805	229	1160	46	6	8	1425	2850
	5000	197	2280	90	6055	238	1275	50	6	5	1400	2800
	5500	217	2515	99	6555	258	1510	59	6	5	1275	2550
	6000	236	2680	106	7055	278	1675	66	6	5	975	1950

D/G18S-5

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities			
									D/G18S-5			
									Tilt Angle		Load Capacities	
	mm	in	mm	in	mm	in	mm	in	FWD	BWD	LC 500mm	LC 24in
STD	3000	118	2035	80	4055	160	135	5	6	8	1750	3500
	3300	130	2185	86	4355	171	135	5	6	8	1750	3500
	3500	138	2285	90	4555	179	135	5	6	8	1750	3500
	3700	146	2385	94	4755	187	135	5	6	8	1750	3500
	4000	157	2585	102	5055	199	135	5	6	8	1750	3500
	4500	177	2835	112	5555	219	135	5	6	8	1750	3500
FF	2700	106	1885	74	3755	148	880	35	6	8	1750	3500
	3000	118	2035	80	4055	160	1030	41	6	8	1750	3500
	3300	130	2185	86	4355	171	1180	46	6	8	1750	3500
FFT	4000	157	1915	75	5055	199	910	36	6	8	1750	3500
	4500	177	2080	82	5555	219	1075	42	6	8	1750	3500
	4750	187	2165	85	5805	229	1160	46	6	8	1500	3000
	5000	197	2280	90	6055	238	1275	50	6	5	1575	3150
	5500	217	2515	99	6555	258	1510	59	6	5	1200	2400
	6000	236	2680	106	7055	278	1675	66	6	5	900	1800

D/G20SC-5

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities			
									D/G20SC-5			
									Tilt Angle		Load Capacities	
	mm	in	mm	in	mm	in	mm	in	FWD	BWD	LC 500mm	LC 24in
STD	3000	118	2035	80	4060	160	140	6	6	8	2000	4000
	3300	130	2185	86	4360	172	140	6	6	8	2000	4000
	3500	138	2285	90	4560	180	140	6	6	8	2000	4000
	3700	146	2385	94	4760	187	140	6	6	8	2000	4000
	4000	157	2585	102	5060	199	140	6	6	8	2000	4000
	4500	177	2835	112	5560	219	140	6	6	8	1675	3350
FF	2700	106	1885	74	3760	148	880	35	6	8	2000	4000
	3000	118	2035	80	4060	160	1030	41	6	8	2000	4000
	3300	130	2185	86	4360	172	1180	46	6	8	2000	4000
FFT	4000	157	1915	75	5060	199	910	36	6	8	2000	4000
	4500	177	2080	82	5560	219	1075	42	6	8	1700	3400
	4750	187	2165	85	5810	229	1160	46	6	5	1750	3500
	5000	197	2280	90	6060	239	1275	50	6	5	1525	3050
	5500	217	2515	99	6560	258	1510	59	6	5	1150	2300
	6000	236	2680	106	7060	278	1675	66	6	5	850	1700



PRO5 SERIES



G15S / G18S-5 & G20SC-5

3,000lb(1,500kg) 3,500lb(1,750kg)
4,000 lb(2,000kg)

LP Pneumatic Tire



D15S / D18S-5 & D20SC-5

3,000lb(1,500kg) 3,500lb(1,750kg)
4,000 lb(2,000kg)

Diesel Pneumatic Tire

PSC0702A4 (July.2011)



Doosan Industrial Vehicle America Corp.

2905 Shawnee Industrial Parkway,
Suwanee, GA 30024 U.S.A.
Tel : 770-831-2200
Fax : 770-831-2250

AUTHORIZED DEALER

Product and specifications are subject to improvement and change without notice.



TECHNICAL SPECIFICATIONS

Pneumatic Forklift Trucks

D20S / D25S / D30S / D33S-5 & D35C-5

G20E / G25E / G30E-5

G20P / G25P / G30P / G33P-5 & G35C-5

G20P / G25P / G30P / G33P-5 & G35C-5 PLUS

4,000lb to 7,000lb Capacity

PRO5
S E R I E S



4,000/5,000/6,000/6,500/7,000 lb Capacities

Engine Powered Forklift Trucks

Pneumatic Tire, Diesel

MAIN VEHICLE SPECIFICATIONS

CHARACTERISTICS	1	Manufacture				DOOSAN	DOOSAN	DOOSAN	DOOSAN	DOOSAN		
	2	Model				D20S-5	D25S-5	D30S-5	D33S-5	D35C-5		
	3	Load Capacity		at rated load center	lb(kg)	4,000 (2,000)	5,000 (2,500)	6,000 (3,000)	6,500 (3,250)	7,000 (3,500)		
	4	Load Center			in(mm)	24 (500)	24 (500)	24 (500)	24 (500)	19.7 (500)		
	5	Power type		Elec, Diesel, LPG, Gasoline		Diesel	Diesel	Diesel	Diesel	24 (500)		
	6	Operator type				driver seated	driver seated	driver seated	driver seated	driver seated		
	7	Tire type		P:Pnu, E:Solid Soft, C: Cush		P	P	P	P	P		
	8	Wheels (x=Driven)		Front / Rear		X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2		
DIMENSIONS	9	Max. Fork Height		with STD 2-stage mast	in(mm)	127.2 (3,230)	127.2 (3,230)	127.2 (3,230)	127.2 (3,230)	118.1 (3,000)		
	10	Free Lift			in(mm)	6 (152)	6 (152)	6 (152)	6 (152)	6 (152)		
	12	Fork Carriage		ISO Class		II	II	III	III	III		
	13	Forks	Length x Width x Thickness		in (mm)	41.3x3.9x1.6 (1,050x100x40)	41.3x3.9x1.6 (1,050x100x40)	41.3x4.9x1.8 (1,050x125x45)	41.3x4.9x1.8 (1,050x125x45)	41.3x4.9x1.8 (1,050x125x45)		
			Fork Spacing(Min x Max)		in (mm)	10.8x40.7 (275x1,035)	10.8x40.7 (275x1,035)	11.3x41.1 (286x1,044)	11.3x41.1 (286x1,044)	11.3x41.1 (286x1,044)		
	14	Tilt of Mast		Forward / Backward	deg	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10		
	15	Overall Dimensions		Length to Fork Face		in(mm)	99.6 (2,530)	102.2 (2,595)	106.3 (2,700)	107.5 (2,730)	108.9 (2,765)	
	16			Overall Width		Single	in(mm)	46.1 (1,170)	46.1 (1,170)	47.1 (1,197)	47.1 (1,197)	49.4 (1,255)
						Dual	in(mm)	64.0(1,625)	64.0(1,625)	64.0(1,625)	64.0(1,625)	64.0(1,625)
	17			Mast Lowered Height		in(mm)	85.6 (2,175)	85.6 (2,175)	85.2 (2,165)	85.2 (2,165)	85.2 (2,165)	
	18			Mast Extended Height		in(mm)	176.8 (4,490)	176.8 (4,490)	176.8 (4,490)	176.8 (4,490)	167.7 (4,260)	
	19	Overall Dimensions		Overhead Guard Height		in(mm)	85.9 (2,183)	85.9 (2,183)	85.9 (2,183)	85.9 (2,183)	85.9 (2,183)	
	Seat Height			in(mm)	40.4 (1,026)	40.4 (1,026)	40.4 (1,026)	40.4 (1,026)	40.4 (1,026)			
	21	Turning Radius		Minimum outside		in(mm)	87.4 (2,220)	89.2 (2,265)	93.1 (2,365)	94.3 (2,395)	95.3 (2,420)	
	22	Load Moment Center				in(mm)	18.9 (480)	18.9 (480)	19.1 (485)	19.1 (485)	19.5 (495)	
	23	Aisle 90 degree stacking(add load length & clearance)				in(mm)	106.3 (2,700)	108.1 (2,745)	112.2 (2,850)	113.4 (2,880)	114.8 (2,915)	
PERFORMANCE	24	Travel Speed	Loaded / Unloaded		mph (km/h)	11.8 / 12.4 (19 / 19.5)	11.8 / 12.1 (19 / 19.5)	11.2 / 11.8 (18.5 / 19)	11.2 / 11.5 (18 / 18.5)	11.5 / 11.8 (18.5 / 19)		
	25	Lifting Speed	Loaded / Unloaded		fpm (mm/s)	104.4 / 108.3 (530 / 550)	102.4 / 108.3 (520 / 550)	98.5 / 108.3 (500 / 550)	96.5 / 108.3 (490 / 550)	82.7 / 108.3 (420 / 550)		
	26	Lowering Speed	Loaded / Unloaded		fpm (mm/s)	100.4 / 90.6 (510 / 460)	100.4 / 90.6 (510 / 460)	100.4 / 90.6 (510 / 460)	100.4 / 90.6 (510 / 460)	100.4 / 90.6 (510 / 460)		
	28	Max. drawbar pull	Loaded at 1.0 mph (1.6km / h)		lb(kg)	3,891.2 (1,765)	3836 (1,740)	4,034.5 (1,830)	4,012.4 (1,820)	3858.1 (1,750)		
	30	Max. gradeability	Loaded at 1.0 mph (1.6km / h)		%	33	28	25	23.5	21.5		
	32	Total Service Weight, Unloaded				lb(kg)	7,892.5 (3,580)	8708.2 (3,950)	9,810.6 (4,450)	10,207.4 (4,630)	10,604.2 (4,810)	
WEIGHT	33	Axle Load	Loaded, Front / Rear		lb (kg)	10,869 / 1,433 (4,930 / 650)	12,478 / 1,742 (5,660 / 790)	14,506 / 1,918 (6,580 / 870)	15,300 / 2,072 (6,940 / 940)	16,182 / 2,138 (7,340 / 970)		
	34		Unloaded, Front / Rear		lb (kg)	3,792 / 4,101 (1,720 / 1,860)	3,638 / 5,071 (1,650 / 2,300)	4,057 / 5,754 (1,840 / 2,610)	3,968 / 6,239 (1,800 / 2,830)	3,924 / 6,680 (1,780 / 3,030)		
CHASSIS	35	Tires	Number of wheels(F / R)			2 / 2	2 / 2	2 / 2	2 / 2	2 / 2		
	36		Size, Front			7.00x15-12	7.00x15-12	28x9x15-12	28x9x15-12	250x15-18		
	37		Size, Rear			6.50x10-10	6.50x10-10	6.50x10-10	6.50x10-12	6.50x10-12		
	38	Wheel Base	Distance		in(mm)	64 (1,625)	64 (1,625)	66.9 (1,700)	66.9 (1,700)	66.9 (1,700)		
	39	Tread Width	Front / Rear		in (mm)	38.4 / 39.4 (975 / 1,000)	38.4 / 39.4 (975 / 1,000)	38.7 / 39.4 (982 / 1,000)	38.7 / 39.4 (982 / 1,000)	40.4 / 39.4 (1,026 / 1,000)		
	40	Ground Clearance	Loaded at the lowest point		in(mm)	4.5 (115)	4.5 (115)	4.3 (108)	4.3 (108)	4.3 (108)		
	41		Loaded at center of wheelbase		in(mm)	6.0 (152)	6.0 (152)	6.0 (152)	6.0 (152)	6.0 (152)		
	42	Brakes	Service			Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd		
	43		Parking			Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech		
	POWER TRAIN	45	Battery	Voltage / Ampere		V / AH	12 / 85	12 / 85	12 / 85	12 / 85	12 / 85	
49		Engine	Model			4TNE98	4TNE98	4TNE98	4TNE98	4TNE98		
50			Rated Power(DIN)	HP/rpm	59 / 2,300	59 / 2,300	59 / 2,300	59 / 2,300	59 / 2,300			
				kW/rpm	43.7 / 2,300	43.7 / 2,300	43.7 / 2,300	43.7 / 2,300	43.7 / 2,300			
51			Maximum Torque	lb · ft/rpm	133.5 / 1,600	133.5 / 1,600	133.5 / 1,600	133.5 / 1,600	133.5 / 1,600			
				kg · m/rpm	18.5 / 1,600	18.5 / 1,600	18.5 / 1,600	18.5 / 1,600	18.5 / 1,600			
52			Cylinders / Displacement		in(cc)	4 / 203 (3,319)	4 / 203 (3,319)	4 / 203 (3,319)	4 / 203 (3,319)	4 / 203 (3,319)		
55		Transmission	Type			powershift	powershift	powershift	powershift	powershift		
			Number of Speeds (Fwd / Rev)			1 / 1	1 / 1	1 / 1	1 / 1	1 / 1		
		57	Hydraulic Pressure	System		psi(bar)	2,625 (181)	2,828 (195)	3,132 (216)	3,132 (216)	3,132 (216)	
	Attachment			psi(bar)	2,262 (156)	2,262 (156)	2,262 (156)	2,262 (156)	2,262 (156)			

Note: Specification values quoted in this specification sheet has been rounded. Performance may vary due to operation conditions.

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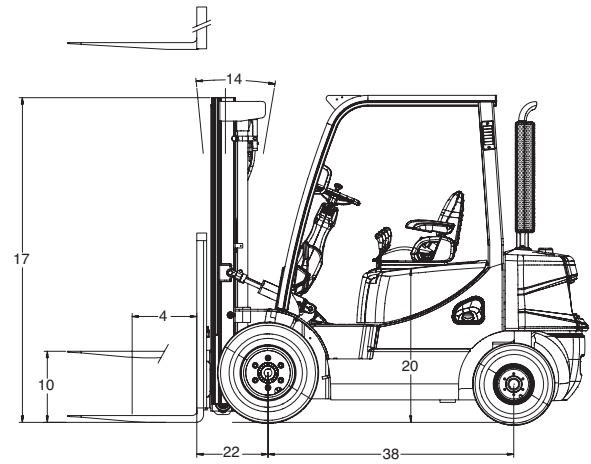
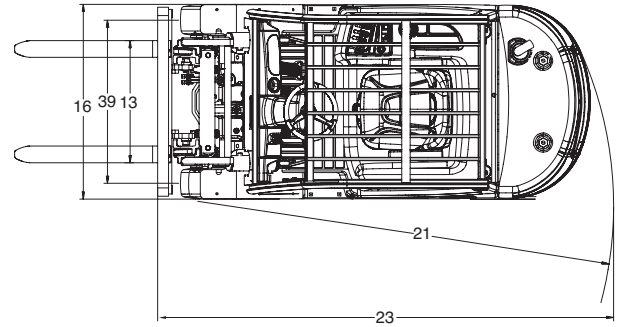
MAIN VEHICLE SPECIFICATIONS

Pneumatic Tire, LP

DOOSAN	DOOSAN	DOOSAN	DOOSAN	DOOSAN	DOOSAN	DOOSAN	DOOSAN	DOOSAN
G20E-5	G25E-5	G30E-5	G20P-5	G25P-5	G30P-5	G33P-5	G35C-5	G20P-5 PLUS
4,000 (2,000)	5,000 (2,500)	6,000 (3,000)	4,000 (2,000)	5,000 (2,500)	6,000 (3,000)	6,500 (3,250)	7,000 (3,500)	4,000 (2,000)
24 (500)	24 (500)	24 (500)	24 (500)	24 (500)	24 (500)	24 (500)	24 (500)	24 (500)
LP	LP	LP	LP	LP	LP	LP	LP	LP
driver seated	driver seated	driver seated	driver seated	driver seated	driver seated	driver seated	driver seated	driver seated
P	P	P	P	P	P	P	P	P
X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2
127.2 (3,230)	127.2 (3,230)	127.2 (3,230)	127.2 (3,230)	127.2 (3,230)	127.2 (3,230)	127.2 (3,230)	118.1 (3,000)	127.2 (3,230)
6 (152)	6 (152)	6 (152)	6 (152)	6 (152)	6 (152)	6 (152)	6 (152)	6 (152)
II	II	III	II	II	III	III	III	II
41.3x3.9x1.6 (1,050x100x40)	41.3x3.9x1.6 (1,050x100x40)	41.3x4.9x1.8 (1,050x125x45)	41.3x3.9x1.6 (1,050x100x40)	41.3x3.9x1.6 (1,050x100x40)	41.3x4.9x1.8 (1,050x125x45)	41.3x4.9x1.8 (1,050x125x45)	41.3x4.9x1.8 (1,050x125x45)	41.3x3.9x1.6 (1,050x100x40)
10.8 / 40.7 (275x1,035)	10.8 / 40.7 (275x1,035)	11.3 / 41.1 (286x1,044)	10.8 / 40.7 (275x1,035)	10.8 / 40.7 (275x1,035)	11.3 / 41.1 (286x1,044)	11.3 / 41.1 (286x1,044)	11.3 / 41.1 (286x1,044)	10.8 / 40.7 (275x1,035)
6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10
99.6 (2,530)	102.2 (2,595)	106.3 (2,700)	99.6 (2,530)	102.2 (2,595)	106.3 (2,700)	107.5 (2,730)	108.9 (2,765)	99.6 (2,530)
46.1 (1,170)	46.1 (1,170)	47.1 (1,197)	46.1 (1,170)	46.1 (1,170)	47.1 (1,197)	47.1 (1,197)	47.1 (1,197)	46.1 (1,170)
64.0(1,625)	64.0(1,625)	64.0 (1,625)	64.0(1,625)	64.0(1,625)	64.0(1,625)	64.0(1,625)	64.0(1,625)	64.0(1,625)
85.6 (2,175)	85.6 (2,175)	85.2 (2,165)	85.6 (2,175)	85.6 (2,175)	85.2 (2,165)	85.2 (2,165)	85.2 (2,165)	85.6 (2,175)
176.8 (4,490)	176.8 (4,490)	176.8 (4,490)	176.8 (4,490)	176.8 (4,490)	176.8 (4,490)	176.8 (4,490)	167.7 (4,260)	176.8 (4,490)
86.0 (2,183)	86.0 (2,183)	86.0 (2,183)	86.0 (2,183)	86.0 (2,183)	86.0 (2,183)	86.0 (2,183)	86.0 (2,183)	86.0 (2,183)
40.4 (1,026)	40.4 (1,026)	40.4 (1,026)	40.4 (1,026)	40.4 (1,026)	40.4 (1,026)	40.4 (1,026)	40.4 (1,026)	40.4 (1,026)
87.4 (2,220)	89.1 (2,265)	93.1 (2,365)	87.4 (2,220)	87.4 (2,265)	93.1 (2,365)	94.3 (2,395)	95.3 (2,420)	87.4 (2,220)
18.9 (480)	18.9 (480)	19.1 (485)	18.9 (480)	18.9 (480)	19.1 (485)	19.1 (485)	19.5 (495)	18.9 (480)
106.3 (2,700)	108.0 (2,745)	112.2 (2,850)	106.3 (2,700)	106.3 (2,745)	112.2 (2,850)	113.4 (2,880)	114.8 (2,915)	106.3 (2,700)
11.8 / 12.4 (19 / 20)	11.8 / 12.4 (19 / 20)	11.2 / 11.8 (18 / 19)	11.8 / 12.4 (19 / 20)	11.8 / 12.4 (19 / 20)	11.2 / 11.8 (18 / 19)	11.2 / 11.8 (18 / 19)	11.5 / 12.1 (18.5 / 19.5)	11.8 / 12.4 (19 / 20)
104.4 / 118.1 (530 / 600)	100.4 / 118.1 (510 / 600)	98.5 / 118.1 (500 / 600)	104.4 / 118.1 (530 / 600)	100.4 / 118.1 (510 / 600)	98.5 / 118.1 (500 / 600)	98.5 / 118.1 (500 / 600)	82.7 / 118.1 (420 / 600)	104.4 / 118.1 (530 / 600)
100.4 / 90.6 (510 / 460)	100.4 / 90.6 (510 / 460)	100.4 / 90.6 (510 / 460)	100.4 / 90.6 (510 / 460)	100.4 / 90.6 (510 / 460)	100.4 / 90.6 (510 / 460)	100.4 / 90.6 (510 / 460)	100.4 / 90.6 (510 / 460)	100.4 / 90.6 (510 / 460)
3,968.3 (1,800)	3,924.2 (1,780)	4,100.6 (1,860)	3,858.1 (1,750)	3,803.0 (1,725)	4,001.4 (1,815)	3,979.3 (1,805)	3,825.0 (1,735)	4,012.4 (1,820)
34	28.5	26	33	28	26	24	22	34.5
7,870.5 (3,570)	8,686.2 (3,940)	9,656.2 (4,380)	7,870.5 (3,570)	8,686.2 (3,940)	9,656.2 (4,380)	10,053.1 (4,560)	10,471.9 (4,750)	7,870.5 (3,570)
10,890.8 / 1,389 (4,940 / 630)	12,500.2 / 1,697.6 (5,670 / 770)	13,911.2 / 2,314.5 (6,540 / 840)	10,890.8 / 1,389 (4,940 / 630)	12,500.2 / 1,697.6 (5,670 / 770)	13,911.2 / 2,314.5 (6,540 / 840)	15,189.8 / 2,028.3 (6,890 / 920)	16,093.7 / 2,094.4 (7,300 / 950)	10,890.8 / 1,389 (4,940 / 630)
3,814 / 4,056.7 (1,730 / 1,840)	3,659.7 / 5,026.6 (1,660 / 2,280)	3,968.3 / 5,687.9 (1,800 / 2,580)	3,814 / 4,056.7 (1,730 / 1,840)	3,659.7 / 5,026.6 (1,660 / 2,280)	3,968.3 / 6,128.8 (1,800 / 2,580)	3,880.1 / 6,172.9 (1,760 / 2,800)	3,858.1 / 6,613.9 (1,750 / 3,000)	3,814 / 4,056.7 (1,730 / 1,840)
2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2
7.00x15-12	7.00x15-12	28x9x15-12	7.00x15-12	7.00x15-12	28x9x15-12	28x9x15-12	250x15-18	7.00x15-12
6.50x10-10	6.50x10-10	6.50x10-10	6.50x10-10	6.50x10-10	6.50x10-10	6.50x10-12	6.50x10-12	6.50x10-10
64 (1,625)	64 (1,625)	66.9 (1,700)	64 (1,625)	64 (1,625)	66.9 (1,700)	66.9 (1,700)	66.9 (1,700)	64 (1,625)
38.4 / 39.4 (975 / 1,000)	38.4 / 39.4 (975 / 1,000)	38.7 / 39.4 (982 / 1,000)	38.4 / 39.4 (975 / 1,000)	38.4 / 39.4 (975 / 1,000)	38.7 / 39.4 (982 / 1,000)	38.7 / 39.4 (982 / 1,000)	40.4 / 39.4 (1,026 / 1,000)	38.4 / 39.4 (975 / 1,000)
4.5 (115)	4.5 (115)	4.1 (105)	4.5 (115)	4.5 (115)	4.1 (105)	4.1 (105)	4.1 (105)	4.5 (115)
5.6 (143)	5.6 (143)	5.6 (143)	5.6 (143)	5.6 (143)	5.6 (143)	5.6 (143)	5.6 (143)	5.6 (143)
Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd
Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech
12 / 45	12 / 45	12 / 45	12 / 65	12 / 65	12 / 65	12 / 65	12 / 65	12 / 65
G424I(E)	G424I(E)	G424I(E)	G424FE	G424FE	G424FE	G424FE	G424FE	G430FE
65.3 / 2,600	65.3 / 2,600	65.3 / 2,600	62 / 2,550	62 / 2,550	62 / 2,550	62 / 2,550	62 / 2,550	66.3 / 2,600
48.7 / 2,600	48.7 / 2,600	48.7 / 2,600	46.2 / 2,550	46.2 / 2,550	46.2 / 2,550	46.2 / 2,550	46.2 / 2,550	49.5 / 2,600
137.2 / 1,900	137.2 / 1,900	137.2 / 1,900	133.5 / 2,200	133.5 / 2,200	133.5 / 2,200	133.5 / 2,200	133.5 / 2,200	149.7 / 1,600
19.0 / 1,900	19.0 / 1,900	19.0 / 1,900	18.5 / 2,200	18.5 / 2,200	18.5 / 2,200	18.5 / 2,200	18.5 / 2,200	20.7 / 1,600
4 / 144 (2,359)	4 / 144 (2,359)	4 / 144 (2,359)	4 / 2,405	4 / 2,405	4 / 2,405	4 / 2,405	4 / 2,405	4 / 181 (2,967)
powershift	powershift	powershift	powershift	powershift	powershift	powershift	powershift	powershift
1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
2,624.5 (181)	2,827.5 (195)	3,132 (216)	2,624.5 (181)	2,827.5 (195)	3,132 (216)	3,132 (216)	3,132 (216)	2,624.5 (181)
2,262 (156)	2,262 (156)	2,262 (156)	2,262 (156)	2,262 (156)	2,262 (156)	2,262 (156)	2,262 (156)	2,262 (156)

DIMENSIONAL DRAWINGS

DOOSAN	DOOSAN	DOOSAN	DOOSAN
G25P-5 PLUS	G30P-5 PLUS	G33P-5 PLUS	G35C-5 PLUS
5,000 (2,500)	6,000 (3,000)	6,500 (3,250)	7,000 (3,500)
24 (500)	24 (500)	24 (500)	24 (500)
LP	LP	LP	LP
driver seated	driver seated	driver seated	driver seated
P	P	P	P
X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2
127.2 (3,230)	127.2 (3,230)	127.2 (3,230)	118.1 (3,000)
6 (152)	6 (152)	6 (152)	6 (152)
II	III	III	III
41.3x3.9x1.6	41.3x4.9x1.8	41.3x4.9x1.8	41.3x4.9x1.8
(1,050x100x40)	(1,050x125x45)	(1,050x125x45)	(1,050x125x45)
10.8 / 40.7	11.3 / 41.1	11.3 / 41.1	11.3 / 41.1
(275x1,035)	(286x1,044)	(286x1,044)	(286x1,044)
6 / 10	6 / 10	6 / 10	6 / 10
102.2 (2,595)	106.3 (2,700)	107.5 (2,730)	108.9 (2,765)
46.1 (1,170)	47.1 (1,197)	47.1 (1,197)	47.1 (1,197)
64.0(1,625)	64.0(1,625)	64.0(1,625)	64.0(1,625)
85.6 (2,175)	85.2 (2,165)	85.2 (2,165)	85.2 (2,165)
176.8 (4,490)	176.8 (4,490)	176.8 (4,490)	167.7 (4,260)
86.0 (2,183)	86.0 (2,183)	86.0 (2,183)	86.0 (2,183)
40.4 (1,026)	40.4 (1,026)	40.4 (1,026)	40.4 (1,026)
87.4 (2,265)	93.1 (2,365)	94.3 (2,395)	95.3 (2,420)
18.9 (480)	19.1 (485)	19.1 (485)	19.5 (495)
106.3 (2,745)	112.2 (2,850)	113.4 (2,880)	114.8 (2,915)
11.8 / 12.4	11.2 / 11.8	11.2 / 11.8	11.5 / 12.1
(19 / 20)	(18 / 19)	(18 / 19)	(18.5 / 19.5)
102.3 / 118.1	100.4 / 118.1	104.3 / 118.1	102.3 / 118.1
(520 / 600)	(510 / 600)	(530 / 600)	(520 / 600)
100.4 / 90.6	100.4 / 90.6	100.4 / 90.6	100.4 / 90.6
(510 / 460)	(510 / 460)	(510 / 460)	(510 / 460)
3,968.3 (1,800)	4,166.7 (1,890)	4,144.7 (1,880)	3,990.4 (1,810)
29.0	26.5	25.0	22.5
8,686.2 (3,940)	9,656.2 (4,380)	10,053.1 (4,560)	10,471.9 (4,750)
12,500.2 / 1,697.6	13,911.2 / 2,314.5	15,189.8 / 2,028.3	16,093.7 / 2,094.4
(5,670 / 770)	(6,540 / 840)	(6,890 / 920)	(7,300 / 950)
3,659.7 / 5,026.6	3,968.3 / 6,128.8	3,880.1 / 6,172.9	3,858.1 / 6,613.9
(1,660 / 2,280)	(1,800 / 2,580)	(1,760 / 2,800)	(1,750 / 3,000)
2 / 2	2 / 2	2 / 2	2 / 2
7.00x15-12	28x9x15-12	28x9x15-12	250x15-18
6.50x10-10	6.50x10-10	6.50x10-12	6.50x10-12
64 (1,625)	66.9 (1,700)	66.9 (1,700)	66.9 (1,700)
38.4 / 39.4	38.7 / 39.4	38.7 / 39.4	40.4 / 39.4
(975 / 1,000)	(982 / 1,000)	(982 / 1,000)	(1,026 / 1,000)
4.5 (115)	4.1 (105)	4.1 (105)	4.1 (105)
5.6 (143)	5.6 (143)	5.6 (143)	5.6 (143)
Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd
Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech
12 / 65	12 / 65	12 / 65	12 / 65
G430FE	G430FE	G430FE	G430FE
66.3 / 2,600	66.3 / 2,600	66.3 / 2,600	66.3 / 2,600
49.5 / 2,600	49.5 / 2,600	49.5 / 2,600	49.5 / 2,600
149.7 / 1,600	149.7 / 1,600	149.7 / 1,600	149.7 / 1,600
20.7 / 1,600	20.7 / 1,600	20.7 / 1,600	20.7 / 1,600
4 / 181 (2,967)	4 / 181 (2,967)	4 / 181 (2,967)	4 / 181 (2,967)
powershift	powershift	powershift	powershift
1 / 1	1 / 1	1 / 1	1 / 1
2,827.5 (195)	3,132 (216)	3,132 (216)	3,132 (216)
2,262 (156)	2,262 (156)	2,262 (156)	2,262 (156)



MAST SPECIFICATIONS and RATED CAPACITIES

D/G 20S(E.P)-5 (PLUS)

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities											
									D/G 20S(E.P)-5											
									Tilt Angle						Load Capacities					
									Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
	mm	in	mm	in	mm	in	mm	in	FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in
STD	2030	80	1575	62	3290	130	147	6	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	2580	102	1850	73	3840	151	147	6	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	2950	116	2035	80	4210	166	147	6	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	3230	127	2175	86	4490	177	147	6	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	3500	138	2425	95	4765	188	147	6	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	3800	150	2575	101	5065	199	147	6	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	3950	156	2650	104	5215	205	147	6	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	4350	171	2850	112	5615	221	147	6	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	4960	195	3150	124	6215	245	147	6	6	5	6	10	6	10	1900	3750	1925	3900	1975	4000
FF	2580	102	1850	73	3840	151	645	25	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	2950	116	2035	80	4210	166	830	33	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	3230	127	2175	86	4490	177	970	38	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	3600	142	2425	95	4865	192	1220	48	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
FFT	3900	154	1900	75	5165	203	695	27	6	8	6	8	6	8	2000	4000	2000	4000	2000	4000
	4290	169	2035	80	5570	219	830	33	6	8	6	8	6	8	2000	4000	2000	4000	2000	4000
	4730	186	2175	86	5990	236	970	38	6	8	6	8	6	8	1950	3950	1950	3950	2000	4000
	5560	219	2525	99	6815	268	1320	52	6	3	6	8	6	8	1650	3650	1825	3700	1875	3850
	6010	237	2675	105	7265	286	1470	58	6	3	6	8	6	5	1300	2900	1750	3550	1825	3700
	6500	256	2915	115	7760	306	1710	67	6	3	6	8	6	3	975	2200	1675	3450	1750	3550

D/G 25S(E.P)-5 (PLUS)

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities											
									D/G 25S(E.P)-5											
									Tilt Angle						Load Capacities					
									Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
	mm	in	mm	in	mm	in	mm	in	FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in
STD	2030	80	1575	62	3290	130	147	6	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	2580	102	1850	73	3840	151	147	6	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	2950	116	2035	80	4210	166	147	6	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	3230	127	2175	86	4490	177	147	6	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	3500	138	2425	95	4765	188	147	6	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	3800	150	2575	101	5065	199	147	6	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	3950	156	2650	104	5215	205	147	6	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	4350	171	2850	112	5615	221	147	6	6	5	6	10	6	10	2500	5000	2500	5000	2500	5000
	4960	195	3150	124	6215	245	147	6	6	3	6	10	6	8	2075	4600	2450	4950	2500	5000
FF	2580	102	1850	73	3840	151	645	25	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	2950	116	2035	80	4210	166	830	33	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	3230	127	2175	86	4490	177	970	38	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	3600	142	2425	95	4865	192	1220	48	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
FFT	3900	154	1900	75	5165	203	695	27	6	8	6	8	6	8	2500	5000	2500	5000	2500	5000
	4290	169	2035	80	5570	219	830	33	6	5	6	8	6	8	2500	5000	2500	5000	2500	5000
	4730	186	2175	86	5990	236	970	38	6	3	6	8	6	8	2450	5000	2500	5000	2500	5000
	5560	219	2525	99	6815	268	1320	52	6	3	6	8	6	5	1525	3400	2325	4750	2400	4850
	6010	237	2675	105	7265	286	1470	58	6	3	6	8	6	3	1175	2600	2250	4550	2300	4700
	6500	256	2915	115	7760	306	1710	67	6	3	6	5	6	3	875	1950	2150	4400	1850	4200

D/G 30S(E.P)-5 (PLUS)

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities											
									D/G 30S(E.P)-5											
					With Load Backrest		With Load Backrest		Tilt Angle				Load Capacities							
									Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
	mm	in	mm	in	mm	in	mm	in	FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in
STD	2030	80	1565	62	3290	130	152	6	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	2580	102	1840	72	3840	151	152	6	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	2950	116	2025	80	4210	166	152	6	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	3230	127	2165	85	4490	177	152	6	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	3500	138	2415	95	4765	188	152	6	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	3800	150	2565	101	5065	199	152	6	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	3950	156	2640	104	5215	205	152	6	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	4350	171	2840	112	5615	221	152	6	6	5	6	10	6	10	3000	6000	3000	6000	3000	6000
	4960	195	3140	124	6215	245	152	6	6	3	6	10	6	10	2525	5550	2900	5850	2975	6000
FF	2580	102	1840	72	3840	151	640	25	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	2950	116	2025	80	4210	166	825	32	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	3230	127	2165	85	4490	177	965	38	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	3600	142	2415	95	4865	192	1215	48	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
FFT	3900	154	1890	74	5165	203	690	27	6	8	6	8	6	8	2900	6000	2900	6000	2900	6000
	4290	169	2025	80	5570	219	825	32	6	8	6	8	6	8	2900	6000	2900	6000	2900	6000
	4730	186	2165	85	5990	236	965	38	6	3	6	8	6	8	2900	5950	2900	6000	2900	6000
	5560	219	2515	99	6815	268	1315	52	6	3	6	8	6	5	1850	4050	2750	5600	2825	5750
	6010	237	2665	105	7265	286	1465	58	6	3	6	5	6	3	1425	3200	2675	5450	2750	5600



D/G 33S(P)-5 (PLUS)

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities											
									D/G 33S(P)-5											
									Tilt Angle						Load Capacities					
									Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
	mm	in	mm	in	mm	in	mm	in	FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in
STD	2030	80	1565	62	3290	130	152	6	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
	2580	102	1840	72	3840	151	152	6	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
	2950	116	2025	80	4210	166	152	6	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
	3230	127	2165	85	4490	177	152	6	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
	3500	138	2415	95	4765	188	152	6	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
	3800	150	2565	101	5065	199	152	6	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
	3950	156	2640	104	5215	205	152	6	6	10	6	10	6	10	3175	6500	3250	6500	3250	6500
	4350	171	2840	112	5615	221	152	6	6	5	6	10	6	10	3175	6500	3250	6500	3250	6500
	4960	195	3140	124	6215	245	152	6	6	3	6	10	6	8	2450	5400	3125	6350	3200	6500
FF	2580	102	1840	72	3840	151	640	25	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
	2950	116	2025	80	4210	166	825	32	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
	3230	127	2165	85	4490	177	965	38	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
	3600	142	2415	95	4865	192	1215	48	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
FFT	3900	154	1890	74	5165	203	690	27	6	8	6	8	6	8	3250	6500	3250	6500	3250	6500
	4290	169	2025	80	5570	219	825	32	6	5	6	8	6	8	3250	6500	3250	6500	3250	6500
	4730	186	2165	85	5990	236	965	38	6	3	6	8	6	8	2900	6300	3175	6450	3250	6500
	5560	219	2515	99	6815	268	1315	52	6	3	6	8	6	5	1750	3950	2975	6050	3050	6200
	6010	237	2665	105	7265	286	1465	58	6	3	6	5	6	3	1350	3050	2875	5850	2950	6050

D/G 35C-5 (PLUS)

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities											
									D/G 35C-5											
									Tilt Angle						Load Capacities					
									Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
	mm	in	mm	in	mm	in	mm	in	FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in
STD	1800	71	1565	62	3060	120	152	6	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	2350	93	1840	72	3610	142	152	6	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	2720	107	2025	80	3980	157	152	6	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	3000	118	2165	85	4260	168	152	6	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	3495	138	2415	95	4760	187	152	6	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	3655	144	2565	101	4915	194	152	6	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	3805	150	2640	104	5065	199	152	6	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	4205	166	2840	112	5465	215	152	6	6	8	6	10	6	10	3425	6950	3425	6950	3500	7000
	4805	189	3140	124	6065	239	152	6	6	3	6	8	6	8	3250	6650	3275	6650	3375	6850
FF	2350	93	1840	72	3610	142	640	25	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	2720	107	2025	80	3980	157	825	32	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	3000	118	2165	85	4260	168	965	38	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	3495	138	2415	95	4755	187	1215	48	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
FFT	3555	140	1890	74	4815	190	690	27	6	8	6	8	6	8	3400	7000	3400	7000	3400	7000
	3960	156	2025	80	5220	206	825	32	6	8	6	8	6	8	3400	7000	3400	7000	3400	7000
	4380	172	2165	85	5640	222	965	38	6	5	6	8	6	8	3375	6850	3375	6850	3400	7000
	4820	190	2335	92	6085	240	1135	45	6	3	6	8	6	8	3250	6600	3250	6650	3350	6800
	5205	205	2515	99	6465	255	1315	52	6	3	6	8	6	5	2600	5800	3150	6450	3250	6600
	5655	223	2665	105	6915	272	1465	58	6	3	6	5	6	3	1975	4450	3050	6200	3150	6400

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Product and specifications are subject to improvement and change without notice.