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## GX Plus Forklifts

Pneumatic 2.0 to 3.0 ton Series



*Building your tomorrow today*

## SIMPLE AND ERGONOMIC DESIGN

# SIMPLE TO OPERATE



### Hood Mounted Hydraulic Control Levers

This change reduces operator's fatigue dramatically because of its comfortable arm position.



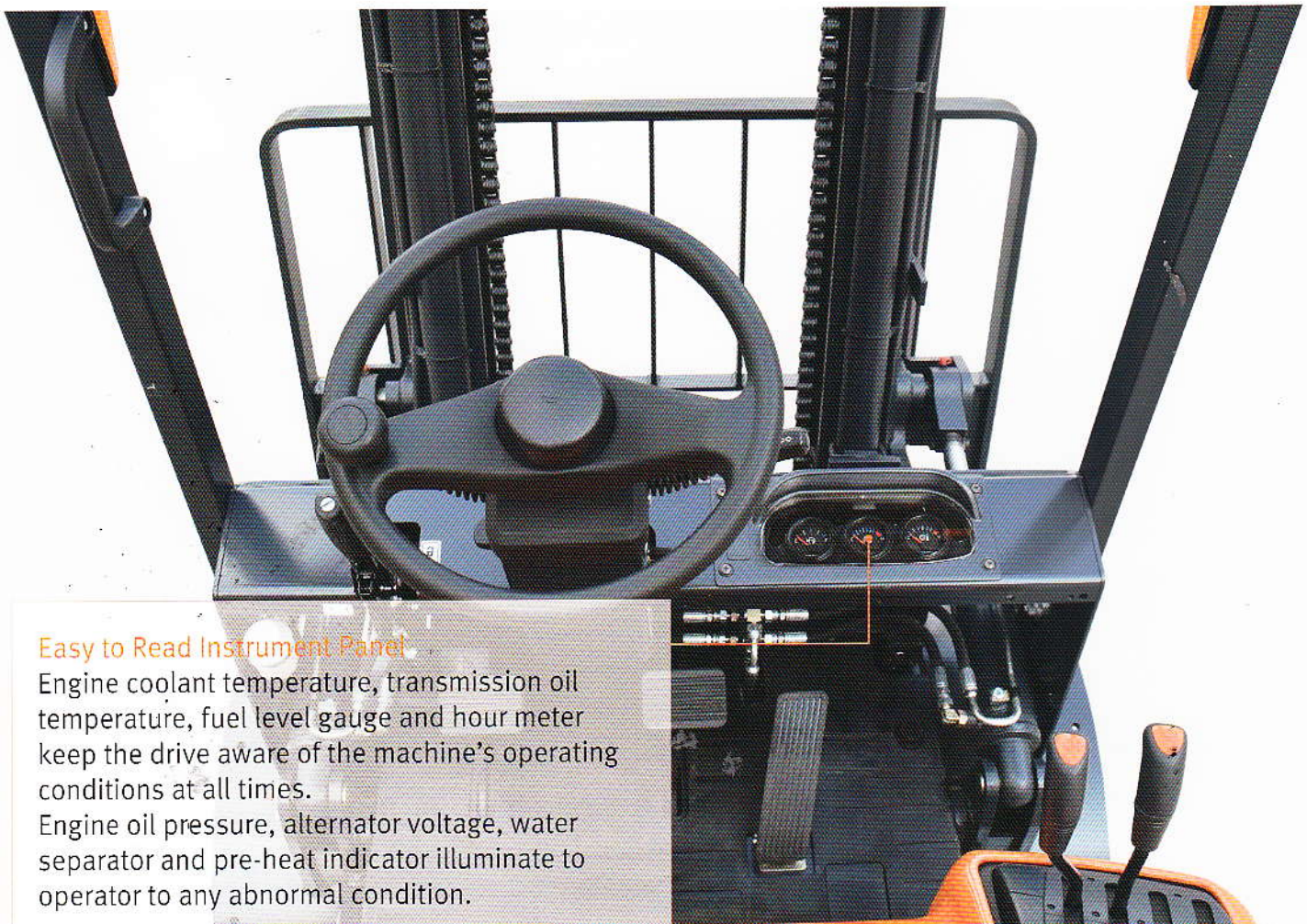
### Adjustable Tilt Steering Column

The steering column to be adjusted to any position that the operator wants. The adjustment of steering column can be achieved by just operating lever.



### Wide Step Plate and Entry Grab Bar

Enables easy entry and exit. Also wide anti slip step plates keeps operator's safety in any weather condition.



### Easy to Read Instrument Panel

Engine coolant temperature, transmission oil temperature, fuel level gauge and hour meter keep the driver aware of the machine's operating conditions at all times.

Engine oil pressure, alternator voltage, water separator and pre-heat indicator illuminate to operator to any abnormal condition.

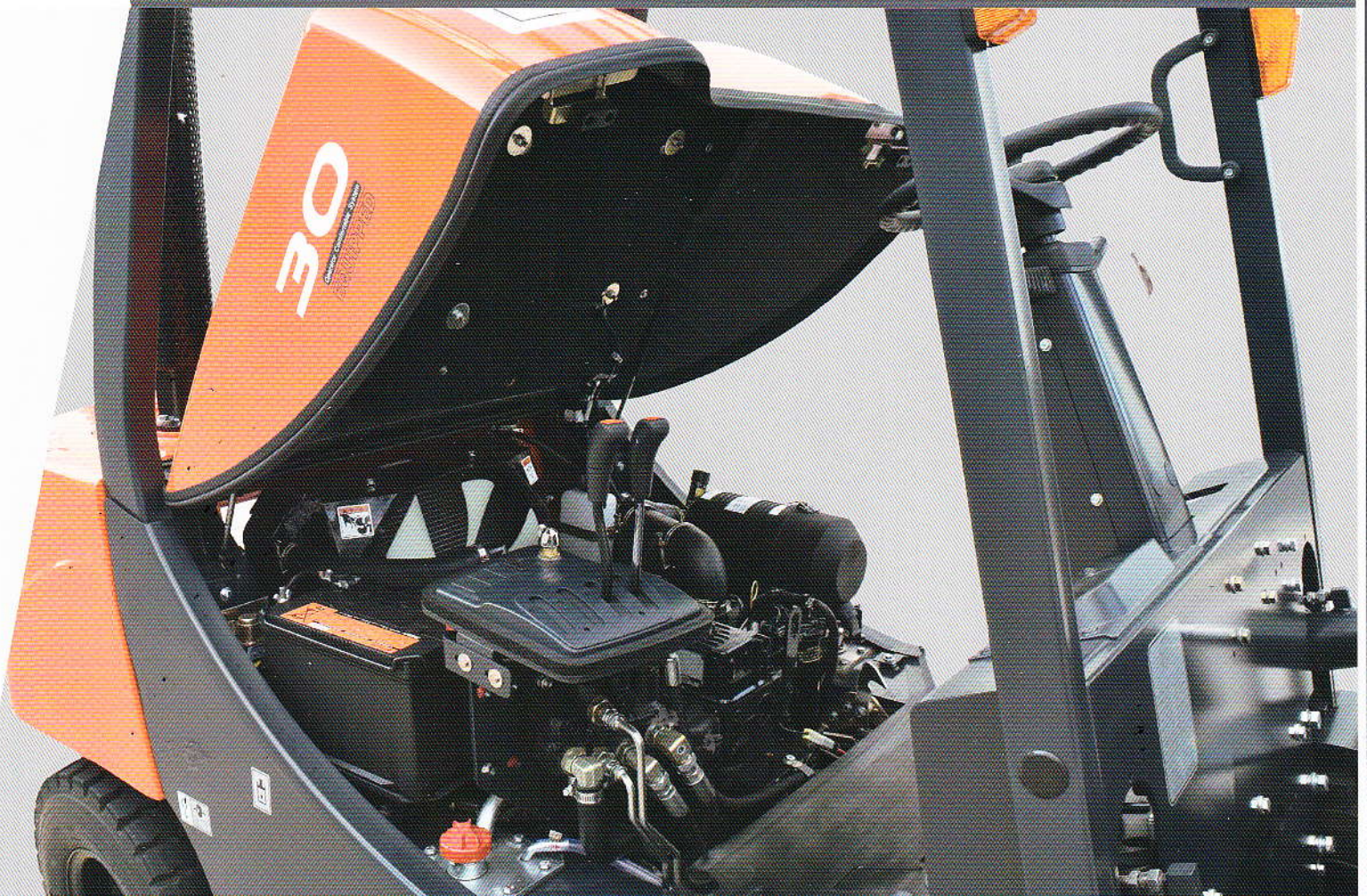
# SERVICEABILITY EASY TO MAINTENANCE

## Easy to Access

- Easy to open hood
- Wide hood open angle
- Easy removable floor mat and plate

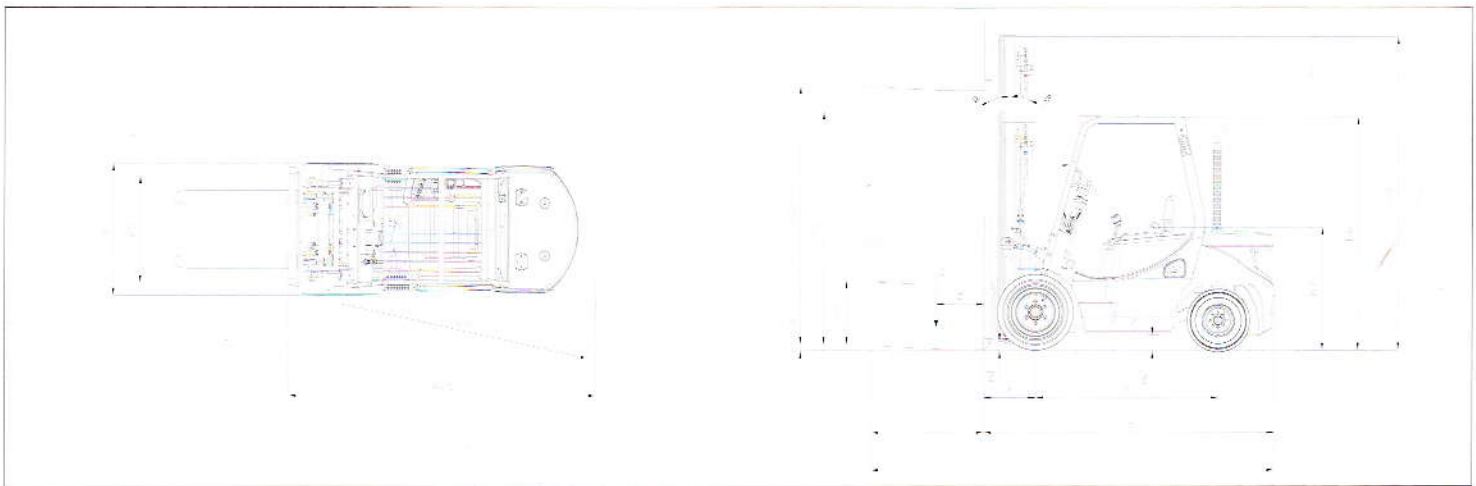
## Easy to Service

- Optimized location to service  
: battery, air cleaner, filters,  
dipstick gauges
- Integration of fuses and relays



# Technical Data according to VDI 2198

Characteristics	1.1	Manufacturer			Doosan	Doosan	Doosan	
	1.2	Model designation			D20G PLUS	D25G PLUS	D30G PLUS	
	1.3	Drive: Diesel, Gasoline, LP			Diesel	Diesel	Diesel	
	1.4	Operator type: Hand, Pedestrian, Standing, Seated, Order-picker			Seated	Seated	Seated	
Weight	1.5	Load Capacity	Q	kg	2,000	2,500	3,000	
	1.6	Load Center	c	mm	500	500	500	
	1.8	Load Distance: Center of Driveaxle to fork	x	mm	467	467	482	
Tyres	1.9	Wheelbase	y	mm	1,650	1,650	1,700	
	2.1	Service weight		kg	3,570	3,890	4,330	
	2.2	Axle Loading, Laden Front/Rear		kg	4,900/670	5,610/780	6,465/865	
Dimensions	2.3	Axle Loading, Unladen Front/Rear		kg	1,690/1,880	1,610/2,280	1,730/2,600	
	3.1	Tyres: pneumatic (P), superelastic (SE), cushion (C)			P	P	P	
	3.2	Tyre size, Front			7.00x12-12PR	7.00x12-12PR	28x9x15-14PR	
	3.3	Tyre size, Rear			6.00x9-10PR	6.00x9-10PR	6.50x10-10PR	
	3.5	Wheels, number Front/Rear (x = driven wheels)			X2/2	X2/2	X2/2	
	3.6	Tread, Front	b11	mm	970	970	1,000	
	3.7	Tread, Rear	b12	mm	980	980	980	
	4.1	Tilt of Mast/Fork carriage Forward/Backward	$\alpha/\beta$	°	6/12	6/12	6/12	
	4.2	Height, Mast lowered	h1	mm	2,038	2,038	2,053	
	4.3	Free Lift	h2	mm	150	150	150	
	4.4	Lift	h3	mm	3,000	3,000	3,000	
	4.5	Height, Mast Extended	h4	mm	4,247	4,247	4,247	
	4.7	Height of Overhead Guard(Cabin)	h6	mm	2,143	2,143	2,160	
	4.8	Height of Seat	h7	mm	1,168	1,168	1,185	
	4.19	Overall Length	l1	mm	3,570	3,635	3,737	
	4.20	Length to Forkface	l2	mm	2,520	2,585	2,687	
	4.21	Overall Width	b1/b2	mm	1,165	1,165	1,228	
	Performance data	4.22	Fork Dimensions	s/e/l	mm	45X100X1,050	45X100X1,050	45X122X1,050
		4.23	Fork carriage ISO 2328, class/type A,B			II	II	III
4.24		Fork carriage width	b3	mm	1,000	1,000	1,042	
4.31		Ground Clearance, laden, below mast	m1	mm	100	100	118	
4.32		Ground Clearance, center of wheelbase	m2	mm	113	113	132	
4.34.1		Aisle with for pallets 1,000 x 1,200 crossways	Ast	mm	3,915	3,965	4,110	
4.34.2		Aisle with for pallets 800 x 1,200 lengthways	Ast	mm	4,185	4,235	4,325	
4.35		Turning Radius	Wa	mm	2,250	2,300	2,430	
4.36		Internal Turning Radius	b13	mm	710	710	735	
Combustion Engine		5.1	Travel Speed, Laden/Unladen		km/h	19.5/21	19.5/21	20/21.5
	5.2	Lift Speed, Laden/Unladen		mm/s	521/570	510/570	490/570	
	5.3	Lowering Speed, Laden/Unladen		mm/s	560/580	560/580	550/580	
	5.5	Drawbar pull, Laden/Unladen(@ 1.6km/h)		N	17,400/16,900	17,200/16,800	16,400/16,200	
	5.6	Max. Drawbar pull, Laden/Unladen		N	19,970/18,950	19,750/18,860	18,230/17,790	
	5.7	Gradeability, Laden/Unladen(@ 1.6km/h)		%	32.5/52	27.5/46	22.5/39	
	5.8	Max. Gradeability, Laden/Unladen		%	35.4/58.6	29.4/49.7	25.2/42	
	5.10	Service Brake			Hydraulic	Hydraulic	Hydraulic	
	7.1	Engine Manufacturer/type			YANMAR/4TNE98	YANMAR/4TNE98	YANMAR/4TNE98	
	7.2	Engine power according to DIN ISO1585		kW	43.7	43.7	43.7	
Addition Data	7.3	Rated Speed		min-1	2,300	2,300	2,300	
	7.3.1	Torque at 1/min		N•m	181 @ 1,600	181 @ 1,600	181 @ 1,600	
	7.4	Number of Cylinders/Displacement		-/cm3	4/4/3,319	4/4/3,319	4/4/3,319	
Addition Data	7.10	Battery Voltage/normal capacity		V/Ah	12/90	12/90	12/90	
	10.1	Operating pressure for attachments		bar	160	160	160	
	10.2	Oil volume for attachments		l/min	65	65	65	
	10.4	Fuel Tank Capacity		l	50	50	50	



## MAST SPECIFICATION and RATED CAPACITIES

### D20G PLUS, G20G PLUS

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities															
									D20G PLUS, G20G PLUS															
									With Load Backrest				With Load Backrest				Tilt Angle				Load Capacities			
									Single Pneu.		Double Pneu		Single Pneu.		Double Pneu		FWD		BWD		LC 24in		LC 500mm	
mm	in	mm	in	mm	in	mm	in	deg	deg	deg	deg	kg	lb	kg	lb									
STD	3,000	118	2,030	80	4,247	167	150	6	6	12	6	12	2,000	4,000	2,000	4,000								
	3,300	130	2,180	86	4,530	178	150	6	6	10	6	10	2,000	4,000	2,000	4,000								
	3,500	138	2,280	90	4,730	186	150	6	6	10	6	10	2,000	4,000	2,000	4,000								
	4,000	157	2,580	102	5,330	210	150	6	6	10	6	10	2,000	4,000	2,000	4,000								
	4,500	177	2,830	111	5,830	230	150	6	6	6	6	10	2,000	4,000	2,000	4,000								
5,000	197	3,080	121	6,330	249	150	6	6	6	6	10	1,625	3,550	1,975	4,000									
FF	3,210	126	2,130	84	4,460	176	925	36	6	10	6	10	2,000	4,000	2,000	4,000								
	4,270	168	1,990	78	5,540	218	785	31	6	6	6	6	1,950	3,950	1,950	3,950								
FFT	4,710	185	2,130	84	5,960	235	925	36	6	6	6	6	1,875	3,800	1,875	3,800								
	5,540	218	2,480	98	6,785	267	1,275	50	6	6	6	6	1,150	2,500	1,750	3,550								
	5,990	236	2,630	104	7,235	285	1,425	56	6	6	6	6	850	1,850	1,675	3,400								

### D25G PLUS, G25G PLUS

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities															
									D25G PLUS, G25G PLUS															
									With Load Backrest				With Load Backrest				Tilt Angle				Load Capacities			
									Single Pneu.		Double Pneu		Single Pneu.		Double Pneu		FWD		BWD		LC 24in		LC 500mm	
mm	in	mm	in	mm	in	mm	in	deg	deg	deg	deg	kg	lb	kg	lb									
STD	3,000	118	2,030	80	4,247	167	150	6	6	12	6	12	2,500	5,000	2,500	5,000								
	3,300	130	2,180	86	4,530	178	150	6	6	10	6	10	2,500	5,000	2,500	5,000								
	3,500	138	2,280	90	4,730	186	150	6	6	10	6	10	2,500	5,000	2,500	5,000								
	4,000	157	2,580	102	5,330	210	150	6	6	6	6	10	2,500	5,000	2,500	5,000								
	4,500	177	2,830	111	5,830	230	150	6	6	6	6	10	2,100	4,550	2,500	5,000								
5,000	197	3,080	121	6,330	249	150	6	6	6	6	10	1,525	3,350	2,475	5,000									
FF	3,210	126	2,130	84	4,460	176	925	36	6	10	6	10	2,500	5,000	2,500	5,000								
	4,270	168	1,990	78	5,540	218	785	31	6	6	6	6	2,375	5,000	2,450	5,000								
FFT	4,710	185	2,130	84	5,960	235	925	36	6	6	6	6	1,800	3,950	2,375	4,800								
	5,540	218	2,480	98	6,785	267	1,275	50	6	4	6	6	1,225	2,700	2,200	4,500								
	5,990	236	2,630	104	7,235	285	1,425	56	6	4	6	6	900	2,000	2,125	4,350								

### D30G PLUS, G30G PLUS

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities															
									D30G PLUS, G30G PLUS															
									With Load Backrest				With Load Backrest				Tilt Angle				Load Capacities			
									Single Pneu.		Double Pneu		Single Pneu.		Double Pneu		FWD		BWD		LC 24in		LC 500mm	
mm	in	mm	in	mm	in	mm	in	deg	deg	deg	deg	kg	lb	kg	lb									
STD	3,000	118	2,045	81	4,247	167	150	6	6	12	6	12	3,000	6,000	3,000	6,000								
	3,300	130	2,195	86	4,530	178	150	6	6	10	6	10	3,000	6,000	3,000	6,000								
	3,500	138	2,295	90	4,730	186	150	6	6	10	6	10	3,000	6,000	3,000	6,000								
	4,000	157	2,595	102	5,330	210	150	6	6	6	6	10	3,000	6,000	3,000	6,000								
	4,500	177	2,845	112	5,830	230	150	6	6	4	6	10	2,825	6,000	3,000	6,000								
5,000	197	3,095	122	6,330	249	150	6	6	4	6	6	2,025	4,500	2,875	5,850									
FF	3,210	126	2,145	84	4,460	176	940	37	6	10	6	10	3,000	6,000	3,000	6,000								
	4,270	168	2,005	79	5,540	218	800	31	6	6	6	6	2,900	5,850	2,875	5,850								
FFT	4,710	185	2,145	84	5,960	235	940	37	6	4	6	6	2,550	5,650	2,800	5,650								
	5,540	218	2,495	98	6,785	267	1,290	51	6	4	6	6	1,475	3,300	2,600	5,400								