

MAST SPECIFICATIONS and RATED CAPACITIES

Model	Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities							
						With Load Backrest	With Load Backrest	Tilt Angle				Load Capacities	
								Single Pneu.		Double Pneu		Single Pneu.	Double Pneu
								FWD	BWD	FWD	BWD	LC 500mm	LC 500mm
deg		deg		kg		kg							
D20NX PLUS G20NX PLUS	STD	3,000	2,045	4,247	150	6	10	6	10	2,000	2,000		
		3,300	2,195	4,547	150	6	10	6	10	2,000	2,000		
		3,500	2,295	4,747	150	6	10	6	10	2,000	2,000		
		4,000	2,595	5,347	150	6	6	6	6	2,000	2,000		
		4,500	2,845	5,847	150	6	6	6	6	2,000	2,000		
	5,000	3,095	6,347	150	6	6	6	6	2,000	2,000			
	FF	3,210	2,155	4,474	950	6	10	6	10	2,000	2,000		
		4,270	2,005	5,554	800	6	6	6	6	2,000	2,000		
		4,710	2,145	5,974	940	6	6	6	6	1,950	2,000		
		5,540	2,495	6,799	1,290	6	6	6	6	1,800	1,870		
5,990		2,645	7,249	1,440	6	6	6	6	1,300	1,800			
D25NX PLUS G25NX PLUS	STD	3,000	2,045	4,247	150	6	10	6	10	2,500	2,500		
		3,300	2,195	4,547	150	6	10	6	10	2,500	2,500		
		3,500	2,295	4,747	150	6	10	6	10	2,500	2,500		
		4,000	2,595	5,347	150	6	6	6	6	2,500	2,500		
		4,500	2,845	5,847	150	6	6	6	6	2,500	2,500		
	5,000	3,095	6,347	150	6	6	6	6	2,500	2,500			
	FF	3,210	2,155	4,474	950	6	10	6	10	2,500	2,500		
		4,270	2,005	5,554	800	6	6	6	6	2,400	2,450		
		4,710	2,145	5,974	940	6	6	6	6	2,300	2,350		
		5,540	2,495	6,799	1,290	6	4	6	4	1,900	2,200		
5,990		2,645	7,249	1,440	6	4	6	4	1,400	2,100			
D30NX PLUS G30NX PLUS	STD	3,000	2,045	4,247	150	6	10	6	10	3,000	3,000		
		3,300	2,195	4,547	150	6	10	6	10	3,000	3,000		
		3,500	2,295	4,747	150	6	10	6	10	3,000	3,000		
		4,000	2,595	5,347	150	6	6	6	6	3,000	3,000		
		4,500	2,845	5,847	150	6	4	6	4	2,950	3,000		
	5,000	3,095	6,347	150	6	4	6	4	2,800	2,800			
	FF	3,210	2,155	4,474	950	6	10	6	10	3,000	3,000		
		4,270	2,005	5,554	800	6	6	6	6	2,800	2,900		
		4,710	2,145	5,974	940	6	4	6	4	2,650	2,800		
		5,540	2,495	6,799	1,290	6	4	6	4	2,000	2,600		
5,990		2,645	7,249	1,440	6	4	6	4	1,500	2,450			
D33NX PLUS G33NX PLUS	STD	3,000	2,045	4,252	150	6	10	6	10	3,300	3,300		
		3,300	2,195	4,552	150	6	10	6	10	3,300	3,300		
		3,500	2,295	4,752	150	6	10	6	10	3,300	3,300		
		4,000	2,595	5,352	150	6	6	6	6	3,300	3,300		
		4,500	2,845	5,852	150	6	4	6	4	3,220	3,220		
	5,000	3,095	6,352	150	6	4	6	4	2,900	3,050			
	FF	3,210	2,155	4,479	950	6	10	6	10	3,300	3,300		
		4,270	2,005	5,559	800	6	6	6	6	3,050	3,050		
		4,710	2,145	5,979	940	6	4	6	4	2,900	2,950		
		5,540	2,495	6,804	1,290	6	4	6	4	2,100	2,750		
5,990		2,645	7,254	1,440	6	4	6	4	1,600	2,600			
D35NX PLUS G35NX PLUS	STD	3,000	2,045	4,252	150	6	10	6	10	3,500	3,500		
		3,300	2,195	4,552	150	6	10	6	10	3,500	3,500		
		3,500	2,295	4,752	150	6	10	6	10	3,500	3,500		
		4,000	2,595	5,352	150	6	6	6	6	3,500	3,500		
		4,500	2,845	5,852	150	6	4	6	4	3,360	3,350		
	5,000	3,095	6,352	150	6	4	6	4	3,000	3,200			
	FF	3,210	2,155	4,479	950	6	10	6	10	3,000	3,500		
		4,270	2,005	5,559	800	6	6	6	6	3,210	3,200		
		4,710	2,145	5,979	940	6	4	6	4	3,100	3,100		
		5,540	2,495	6,804	1,290	6	4	6	4	2,200	2,880		
5,990		2,645	7,254	1,440	6	4	6	4	1,700	2,750			



- Production Subsidiary
- Sales Subsidiary
- Parts Depot Center



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EUDG25NXP-200622v1EN (June 2020)

Authorized Dealer



D20NXP / D25NXP / D30NXP / D33NXP / D35NXP
 G20NXP / G25NXP / G30NXP / G33NXP / G35NXP

NX PLUS SERIES FORKLIFTS

Diesel & LPG 2.0 to 3.5 ton capacity
 Euro Stage V



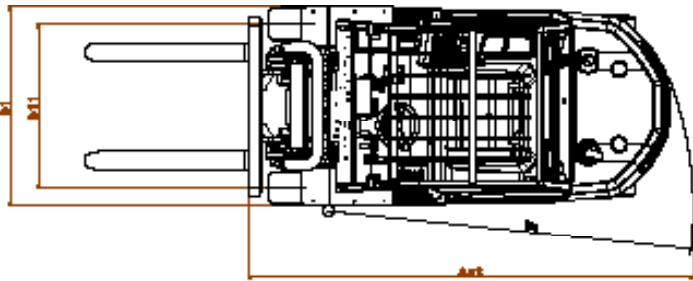
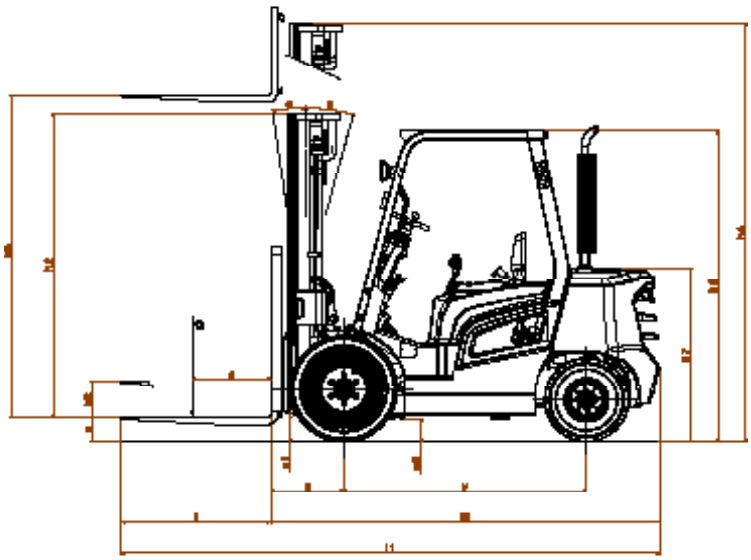
Most specifications & rated capacities are based on standard chassis with pneumatic tire and without side shifter.

Technical Data according to VDI 2198

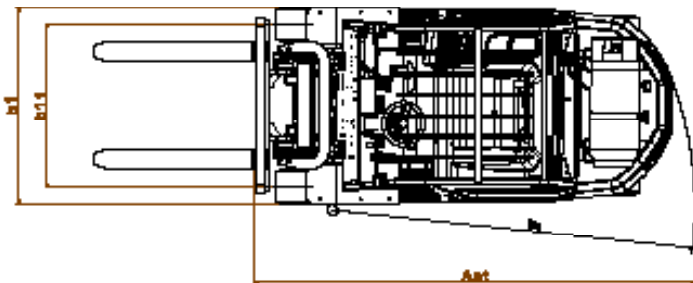
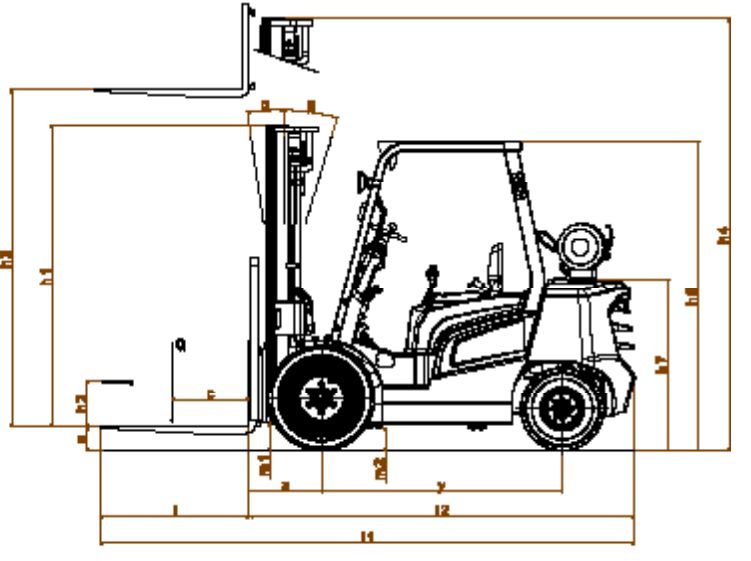
CHARACTERISTICS	1.1		Doosan	Doosan	Doosan			
	1.2	Manufacturer	D20NX Plus	D25NX Plus	D30NX Plus			
	1.3	Model	Diesel	Diesel	Diesel			
WEIGHT	1.4	Operator type	seated	seated	seated			
	1.5	Load Capacity	Q	kg	2,000	2,500	3,000	
	1.6	Load Center	c	mm	500	500	500	
	1.8	Load Distance: Center of Driveaxle to fork	x	mm	472	472	472	
	1.9	Wheelbase	y	mm	1,700	1,700	1,700	
	2.1	Service weight		kg	3,670	3,950	4,420	
	2.2	Axle Loading, loaded front/rear		kg	4,940/730	5,580/870	6,500/920	
	2.3	Axle Loading, unloaded front/rear		kg	1,720/1,950	1,730/2,220	1,800/2,620	
	TYRES	3.1	Tyres: pneumatic (P), superelastic (SE), cushion (C)		P	P	P	
3.2		Tyre size, front		28X9-15-14PR	28X9-15-14PR	28X9-15-14PR		
3.3		Tyre size, rear		6.50-10-10PR	6.50-10-10PR	6.50-10-10PR		
3.5		Wheels, number front/rear (x = driven wheels)		X2/2	X2/2	X2/2		
3.6		Tread, front	b11	mm	1,060	1,060	1,060	
3.7		Tread, rear	b12	mm	980	980	980	
4.1		Tilt of Mast/Fork carriage forward/backward	α/β	°	6/10	6/10	6/10	
DIMENSIONS	4.2	Height, Mast lowered	h1	mm	2,045	2,045	2,045	
	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	h6	mm	2,160	2,160	2,160	
	4.8	Height of Seat	h7	mm	1,185	1,185	1,185	
	4.19	Overall Length	l1	mm	3,610	3,660	3,715	
	4.20	Length to Forkface	l2	mm	2,560	2,610	2,665	
	4.21	Overall Width	b1/b2	mm	1,290	1,290	1,290	
	4.22	Fork Dimensions	s/e/l	mm	45 x 100 x 1,050	45 x 100 x 1,050	45 x 122 x 1,050	
	4.23	Fork carriage ISO 2328, class		II	II	III		
	4.24	Fork carriage width	b3	mm	1,042	1,042	1,042	
	4.31	Ground Clearance, loaded, below mast	m1	mm	132	132	132	
	4.32	Ground Clearance, center of wheelbase	m2	mm	135	135	135	
	4.34.1	Aisle width for pallets 1,000 X 1,200 crossways	Ast	mm	3,952	4,002	4,087	
	4.34.2	Aisle width for pallets 800 X 1,200 lengthways	Ast	mm	4,152	4,202	4,287	
	4.35	External Turning Radius	Wa	mm	2,280	2,330	2,415	
	4.36	Internal Turning Radius	b13	mm	735	735	735	
	PERFORMANCE DATA	5.1	Travel Speed, loaded/unloaded		km/h	18.5/19.5	18.5/19.5	18.5/19.5
		5.2	Lift Speed, loaded/unloaded		mm/s	520/550	520/550	520/550
5.3		Lowering Speed, loaded/unloaded		mm/s	420/550	420/550	420/550	
5.5		Drawbar pull, loaded/unloaded (@ 1.6km/h)		N	17,700/17,300	17,500/17,200	17,300/17,000	
5.6		Max. Drawbar pull, loaded/unloaded		N	20,200/19,600	20,000/19,500	19,800/19,300	
5.7		Gradeability, loaded/unloaded (@ 1.6km/h)		%	30/55	28/50	23/42	
5.8		Max. Gradeability, loaded/unloaded		%	38/62	30/58	28/50	
5.10		Service Brake			Hydraulic	Hydraulic	Hydraulic	
COMBUSTION ENGINE	7.1	Engine Manufacturer/type			Kubota/V2403-CR-TE5B	Kubota/V2403-CR-TE5B	Kubota/V2403-CR-TE5B	
	7.2	Engine power according to DIN ISO1585		kW	42.6	42.6	42.6	
	7.3	Rated Speed		min-1	2,400	2,400	2,400	
	7.3.1	Torque at 1/min		N•m	195.6 @ 1,500	195.6 @ 1,500	195.6 @ 1,500	
	7.4	Cycle/Number of Cylinders/Displacement		-/cm ³	4/4/2,434	4/4/2,434	4/4/2,434	
7.10	Battery Voltage/normal capacity		V/Ah	12/90	12/90	12/90		
ADD. DATA	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	70	70	70	
	10.7	Sound level at the driver's ear according to EN 12 053		db(A)	85	85	85	

Dimensional Drawing

● D20NXP / D25NXP / D30NXP / D30NXP / D35NXP



● G20NXP / G25NXP / G30NXP / G30NXP / G35NXP



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