



# GenEX series

## (GEX20, GEX25, GEX30)

### ● STANDARD SPECIFICATIONS

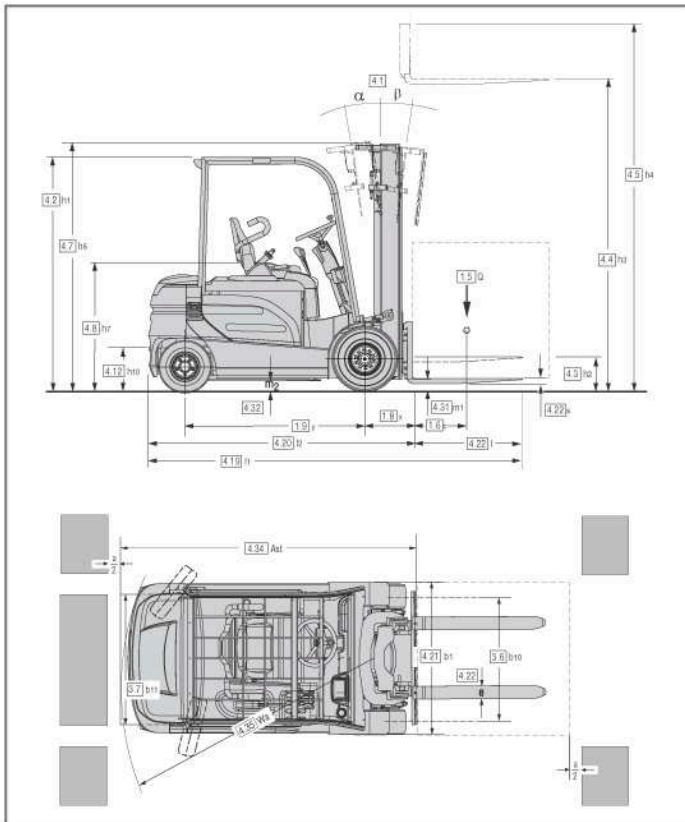
			CLARK	CLARK	CLARK		
			GEX20	GEX25	GEX30		
Specifications	1.1	Manufacture (Abbreviation)					
	1.2	Manufacture's designation					
	1.3	Drive Unit					
	1.4	Operator type stand on / driver seated					
	1.5	Load Capacity / rated load	Q	kg	2000	2500	3000
	1.6	Load Center distance	C	mm	500	500	500
	1.8	Load Center distance, center of drive axle to fork face	X	mm	410	410	410
	1.9	Wheelbase	y	mm	1610	1610	1750
	WT	2.1	Service weight		kg	4035	4235
2.2		Axle loading, laden front / rear		kg	5216/819	6115/620	6755/575
2.3		Axle loading, unladen front / rear		kg	2088/1947	2133/2102	2178/2152
Tyres, Chassis	3.1	Tire type, P=pneumatic, SE=superelastic, C=cushion			SE	SE	SE
	3.2	Tire size, front			23×9×10-16PR	23×9×10-16PR	23×9×10-16PR
	3.3	Tire size, rear			18×7×8-16PR	18×7×8-16PR	18×7×8-16PR
	3.5	Wheels, number front/rear (x=drive wheels)			2X/2	2X/2	2X/2
	3.6	Tread, front	b10	mm	1005	1005	1005
	3.7	Tread, rear	b11	mm	966	966	966
	Dimensions	4.1	Tilt of upright/fork carriage, $\alpha / \beta$	$\alpha / \beta$	deg	8/8	8/8
4.2		Height, upright lowered	h1	mm	2154	2154	2154
4.3		Freelift	h2	mm	110	110	110
4.4		Lift height 1)	h3	mm	3195	3195	3195
4.5		Height upright extended 2)	h4	mm	3792	3792	3862
4.7		Height overheadguard (cab): Std / Container	h6	mm	2148	2148	2148
4.19		Overall length	l1	mm	3405	3405	3547
4.20		Length to face of forks	l2	mm	2338	2338	2480
4.21		Width	b1	mm	1230	1230	1230
4.22		Fork dimensions	sxexl	mm	45×100×1067	45×100×1067	45×122×1067
4.23		Fork carriage ISO 2328, A, B			CL IIA	CL IIA	CL IIIA
4.24		Fork carriage width	b3	mm	1041	1041	1041
4.31		Ground clearance minimum, unladen	m1	mm	135	135	135
4.32		Ground clearance center of wheelbase	m2	mm	75	75	75
4.34		Right Angle Stack Aisle(Add load length and clearance)	Ast	mm	2315	2315	2410
4.35	Turning radius	Wa	mm	1905	1905	2000	
Performance	5.1	Travel speed laden/unladen		km/h	15.7/16.7	15.4/16.7	15.2/16.6
	5.2	Lift speed laden/unladen		m/s	0.48/0.54	0.41/0.54	0.38/0.50
	5.3	Lowering speed laden/unladen		m/s	0.47/0.43	0.47/0.43	0.47/0.43
	5.6	Max. gradeability laden/unladen		%	35.9/25.3	32.2/24.7	29.6/25
	5.8	Max. drawbar pull laden/unladen		kg	2063/1050	2083/1077	2098/1104
	Drive line	7.1	Type of battery			Lead-acid	Lead-acid
7.2		Maximum capacity of battery		AH/5hr	620	620	775
7.3		Minimum weight of battery		kg	1558	1558	1863
7.4		Power of drive motor		kw	7.8	7.8	7.8
7.5		Power of hydraulic motor		kw	19.1	19.1	19.1
7.6		Drive motor control			Mosfet Inverter	Mosfet Inverter	Mosfet Inverter
7.7		Speed control			Mosfet Inverter	Mosfet Inverter	Mosfet Inverter
7.8		Hydraulic motor control			Mosfet Inverter	Mosfet Inverter	Mosfet Inverter
Miscellaneous	8.1	Operating pressure for attachments		kg/cm <sup>2</sup>	140	140	140
	8.2	Sound level, driver's ear 3)		dB(A)	73	73	73

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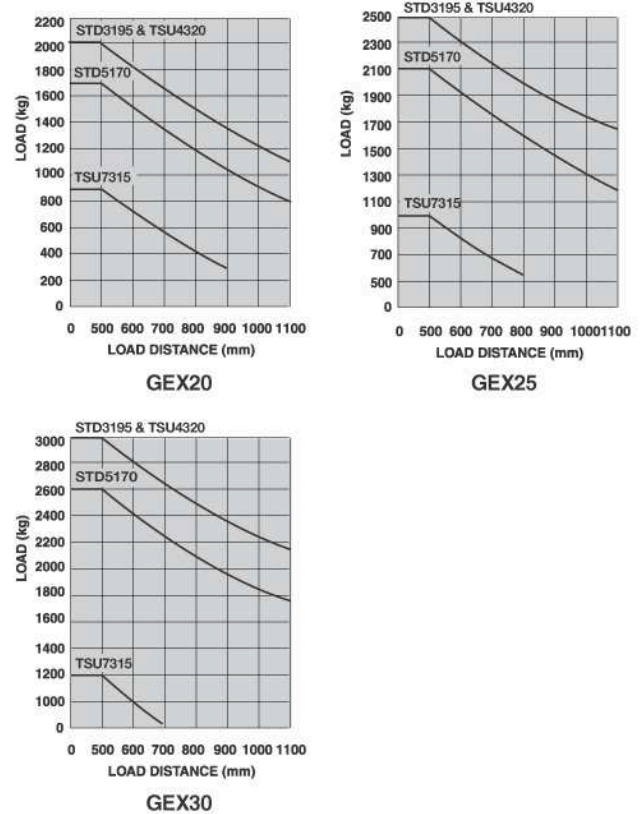
1) Further lift heights see upright table. 2) Without load backrest 3) Equivalent permanent sound-pressure level LpAeq, T in accordance with ISO EN 12053



## STANDARD DIMENSIONS



## LOAD CAPACITY CHART



## MAST SPECIFICATIONS & RATED CAPACITIES

Mast type	Maximum fork height mm	Mast height		Free lift		Tilt angle		Load capacity at 500mm load center		
		lowered mm	extended mm	With LBR mm	Without LBR mm	FWD deg.	RVS deg.	GEX20 kg	GEX25 kg	GEX30 kg
2 stage	2015	1575	3234	110	110	8	8	2000	2500	3000
	2575	1855	3794	110	110	8	8	2000	2500	3000
	2875	2005	4094	110	110	8	8	2000	2500	3000
	3195	2165	4414	110	110	8	8	2000	2500	3000
	3725	2455	4944	110	110	8	8	2000	2500	3000
	3860	2530	5079	110	110	8	8	2000	2500	3000
	4165	2800	5384	110	110	6	5	2000	2500	3000
	4380	3000	5599	110	110	6	5	1900	2300	2800
3 stage	4620	3230	5839	110	110	6	5	1800	2200	2550
	5170	3495	6389	110	110	3	5	1700	2100	2350
	3860	1844	5079	636	1232	6	5	2000	2500	3000
	4320	1994	5539	786	1382	6	5	2000	2500	3000
	4800	2154	6019	946	1542	6	5	1900	2300	2700
	5210	2294	6429	1086	1682	3	5	1700	2050	2450
	5520	2444	6739	1236	1832	3	5	1600	1800	2250
	5740	2519	6959	1311	1907	3	5	1500	1650	2000
Hilo	6100	2679	7319	1471	2067	3	5	1300	1350	1750
	6370	2789	7589	1581	2177	3	3	1200	1250	1600
	6830	2989	8049	1781	2377	3	3	1000	1100	1350
	7315	3219	8534	2011	2607	3	3	900	1000	1200
	2935	1994	4154	786	1382	8	8	2000	2500	3000
	3255	2154	4474	946	1542	8	8	2000	2500	3000
	3530	2294	4749	1086	1682	8	8	2000	2500	3000
3760	2444	4979	1236	1832	8	8	2000	2500	3000	
	3910	2519	5129	1311	1907	8	8	1900	2400	2900

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