

TECHNICAL SPECIFICATIONS							
Title	Sr. No.	Name of parameter		Actual	Actual	Actual	Actual
Characteristics	1.1	Manufacturer		Godrej	Godrej	Godrej	Godrej
	1.2	Model	-	GX150E UNO	GX200E UNO	GX250E UNO	GX300E UNO
	1.3	Power Unit (Battery, Diesel)	-	Battery	Battery	Battery	Battery
	1.4	Operation (Manual, Pedestrian, Stand-on, Seated)	-	Seated	Seated	Seated	Seated
	1.5	Load Capacity	kg	1500	2000	2500	3000
	1.6	Load centre	c (mm)	500	500	500	500
	1.7	Load distance (Front overhang)	x (mm)	495	495	495	495
	1.8	Wheelbase	y (mm)	1553	1553	1553	1553
Wheels & Chassis Weights	2.1	Service Weight incl. Battery	kg	4107	4107	4730	4730
	2.2	Axial Loading, Laden Front/Rear	kg	4855/1085	5430/680	6280/1005	7195/615
	2.3	Axial Loading, Unladen Front/Rear	kg	2175/1820	2175/1821	2140/2585	2140/2586
Wheels & Chassis Weights	3.1	Tyres (S-solid, P-pneumatic, Superelastic, Polyurethane)	-	Solid	Solid	Solid	Solid
	3.2	Tyre size, front wheel (OD x width)	-	21"x15"x7"	21"x15"x7"	21"x15"x7"	21"x15"x7"
	3.3	Tyre size, rear wheel (OD x width)	-	18"x8"x7"	18"x8"x7"	18"x8"x7"	18"x8"x7"
	3.4	Wheels, number front / rear (x = driven)	-	2x/2	2x/3	2x/4	2x/5
	3.5	Wheel tread - Front	b10 (mm)	980	980	980	980
	3.6	Wheel tread - Rear	b11 (mm)	987	987	987	987
Basic Dimensions	4.1	Mast/Fork Carriage Tilt Forward/Backward	α / β (deg)	5/10	5/10	5/10	5/10
	4.2	Lowered Mast Height	h1 (mm)	2630	2630	2630	2630
	4.3	Free Lift	h2 (mm)	105	105	105	105
	4.4	Lift Height	h3 (mm)	3660	3660	3660	3660
	4.5	Extended Mast Height	h4 (mm)	4260	4260	4260	4260
	4.6	Overhead Load Guard (cab) Height	h6 (mm)	2150	2150	2150	2150
	4.7	Seat Height / Standing Height	h7 (mm)	1100	1100	1100	1100
	4.8	Coupling Height	mm	320	320	320	320
	4.9	Overall length	l1 (mm)	3459	3459	3534	3534
	4.10	Length to Face of Forks	l2 (mm)	2459	2459	2534	2534
	4.11	Overall Width	b1 (mm)	1200	1200	1200	1200
	4.12	Fork dimensions (Thickness x Width x Length)	s/e/l (mm)	40x80x1000	40x80x1000	45x100x1000	45x100x1000
	4.13	Fork Carriage ISO 2328, Class/Type A,B	-	2A	2A	3A	3A
	4.15	Ground clearance laden, under mast	m1 (mm)	100	100	100	100
	4.16	Ground clearance at center of wheelbase	m2 (mm)	125	125	125	125
	4.17	Right angle aisle width (1000x1200 pallet)	Ast (mm)	3975	3975	4038	4038
4.19	Intersecting aisle width (1000x1200 pallet)	Ast (mm)	2241	2241	2304	2304	
4.20	Turning radius	Wa (mm)	2180	2180	2250	2250	
4.22	Fork spread	b3 (mm)	280/1000	280/1000	280/1000	280/1000	
Performance	5.1	Travel speed, laden/unladen	km/h	11/11	11/11	11/11	11/11
	5.2	Lift speed, laden/unladen	m/s	0.2 / 0.25	0.2 / 0.25	0.2 / 0.25	0.2 / 0.25
	5.3	Lowering speed, laden/unladen	m/s	0.4	0.4	0.4	0.4
	5.4	Drawbar pull, laden/unladen S ₂ 60 min	N	1000	1000	1100	1100
	5.5	Max. Gradient Performance, laden/unladen S ₂ 5min	%	15/15	15/15	15/15	15/15
5.7	Service Brake	-	Hydraulic Actuated Drum Brake	Hydraulic Actuated Drum Brake	Hydraulic Actuated Drum Brake	Hydraulic Actuated Drum Brake	
E-Motor	6.1	Drive (single / Twin)	-	Single	Single	Single	Single
	6.2	Drive Motor	-	AC	AC	AC	AC
	6.2	Drive Motor, 60 min rating	kW	8	8	12	12
	6.3	Lift motor, 15 min rating	kW	15	15	15	15
	6.5	Battery Voltage / rated capacity (5hrs)	V/Ah	48/400	48/400	72/323	72/323
	6.6	Battery weight, min./max.	kg	724	724	891	891
	6.7	Battery Dimension L/W/H	mm	980x590x660	980x590x660	1000x590x640	1000x590x640
Other	7.1	Type of drive control	-	MOSFET	MOSFET	MOSFET	MOSFET

MAST SPECIFICATIONS											
Type of Mast	Maximum Fork Height	Overall Height Lowered	Overall Height Raised*		Free Lift	Derated Capacity at MFH (kg)				Tilt Angle	
			GX 150, GX 200	GX 250, GX 300		GX 150	GX 200	GX 250	GX 300	α	β
2 STAGE	3000	2300	3600	3750	105	1500	2000	2500	3000	5°	10°
	3300	2420	3900	4050	105	1500	2000	2500	3000	5°	10°
	3660	2630	4260	4410	105	1500	2000	2500	3000	5°	10°
	4600	3100	5200	5350	105	1200	1750	2150	2650	5°	10°
	5500	3550	6100	6250	105	1050	1500	1750	2200	5°	5°
2 STAGE WITH FFL	3000	2170	3600	3600	1530	1500	2000	2500	3000	5°	10°
3 STAGE WITH FFL	3660	2600	4260	4260	1980	1500	2000	2500	3000	5°	10°
	4500	2170	5100	5100	1530	1200	1750	2150	2650	5°	10°
	4800	2270	5400	5400	1650	1150	1650	1950	2450	5°	10°
	5500	2500	6100	6100	1825	1050	1500	1900	2200	5°	5°

FFL = Full Free Lift | *Overall Height Raised with Load Back Rest = MFH + 1200mm

Note : All dimensions and specifications indicated above are subjected to a variation of $\pm 15\%$ | All dimensions in mm

