



BUILT TO PERFORM

The ES12 Series is designed for stacking up to 3600 MFH with base capacity of 1200 kg. The basic wide mast offers high residual lift capacities and a perfect view.



- Ergonomic CAN-BUS tiller, for both left and right handed operators.
- Powerful, High quality AC drive unit ensures high performance and low maintenance.



- Foldable platform with protective arms. Designed to ensure safety in all travelling conditions, and higher flexibility in narrow spaces.



- Key switch, emergency stop switch, and battery discharge indicator to ensure safety of operators.



- Diverse storage areas for stretch foils, documents or clipboards, etc. for enhanced operator convenience.
- Several mast options available for various lifting heights.

VISCOMM11/2016/REV00

1.2 Tonne Electric Stacker



ES12

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General Specification - GFES 12

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Characteristic	1.2	Manufacturer's type designation	Godrej	ES12 ES12W	
	1.3	Power		Battery	
	1.4	Operator type		Pedestrian (stand)	
	1.5	Load capacity / Rated load	Q	(t)	1.2
	1.6	Load centre distance	C	(mm)	600
	1.8	Load distance, centre of drive axle to fork	X	(mm)	684
	1.9	Wheelbase	Y	(mm)	1196
	Weight Details	2.1	Service weight	kg	975
		2.2	Axle loading, laden front/rear	kg	835/ 1340
2.3		Axle loading, unladen front/rear	kg	735/ 240	
Wheels & Tyres	3.1	Wheels		Polyurethane (PU)	
	3.2	Wheel size, Drive Wheel	ø x w	(mm)	252 x 88
	3.3	Wheel size, Load Wheel	ø x w	(mm)	80 x 70
	3.4	Castor wheels (dimensions)	ø x w	(mm)	150x 54
	3.5	Wheels, number front/rear(x=driven wheels)			1x + 2/4
	3.6	Track width, Castor Wheel	b10	(mm)	686
	3.7	Track width, Load Wheel	b11	(mm)	390 505
Basic Dimensions	4.2	Lowered mast height	h1	(mm)	Refer Table 1
	4.3	Free lift height	h2	(mm)	Refer Table 1
	4.4	M.F.H	h3+h13	(mm)	Refer Table 1
	4.5	Extended mast height	h4	(mm)	Refer Table 1
	4.9	Height of tiller in drive position min./max.	h14	(mm)	985/ 1420
	4.15	Height, lowered	h13	(mm)	81
	4.19	Overall length (without/with platform)	l1	(mm)	1946 / 2391
	4.20	Length to face of forks	l2	(mm)	695/ 795
	4.21	Overall width	b1	(mm)	912
	4.22	Fork dimensions	s/e/l	(mm)	60/180/1150
	4.25	Distance between fork-arms	b5	(mm)	570 685
	4.32	Ground clearance, centre of wheelbase	m2	(mm)	26
	4.33	Aisle width for (without/with platform) 1200 x 1000 (wxl) in mm	Ast	(mm)	2420 / 2865
	4.34	Aisle width for (without/with platform) 800X1200 (wxl) in mm	Ast	(mm)	2315 / 2760
	4.35	Turning radius	Wa	(mm)	1500 / 1945
Performance	5.1	Travel speed, laden/unladen	km/h	6.0/ 6.0	
	5.2	Lift speed, laden/unladen	m/s	0.105/0.15	
	5.3	Lowering speed, laden/unladen	m/s	0.13/0.11	
	5.8	Max. gradeability, laden/unladen	%	6 / 12	
	5.10	Service brake			Electromagnetic
Power Unit	6.1	Drive motor rating S2 60 min	kW	1.3	
	6.2	Lift motor rating at S3 7.5%	kW	2.2	
	6.4	Battery voltage, nominal capacity K51)	V/Ah	24/240	
	6.5	Battery weight	kg	210	
	6.6	Energy consumption as per VDI cycle	kW/h	1.4	
	8.1	Type of drive control			AC speed control
	8.4	Sound level at driver's ear as per EN 12053	dB(A)		<70

Note: All dimensions and specification above are subject to a variation of ± 15% Godrej Products and specifications are subject to improvement or change without notice. The colour of the product reflecting in this brochure is indicative and may vary in actual supply.

Table 1

Model	Mast Type	Maximum Fork Height	Overall Height Lowered	Free Lift	Overall Height Raised	Capacity at MFH
		(MFH)	(OAHL)		(OAHR)*	
		h3+h13(mm)	(mm)	h2 (mm)	h3 (mm)	(Kg)
ES 1216 / ES 1216 W	1 stage CVM	1600	1976	0	1976	1200
ES 1226 / ES 1226 W	2 stage CVM	2600	1796	0	2996	1200
ES 1229 / ES 1229 W	2 stage CVM	2900	1946	0	3296	1000
ES 1232 / ES 1232 W	2 stage CVM	3200	2096	0	3596	1000
ES 1236 / ES 1236 W	2 stage CVM	3600	2296	0	3996	800
ES 1229 / ES 1229 W	2 stage CVM with Freelift	2900	1946	1484	3281	1000
ES 1232 / ES 1232 W	2 stage CVM with Freelift	3200	2096	1634	3581	1000

