

EP 12ES-2F3015

Electric Stacker 1.2t

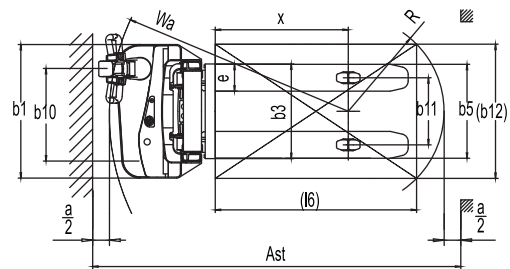
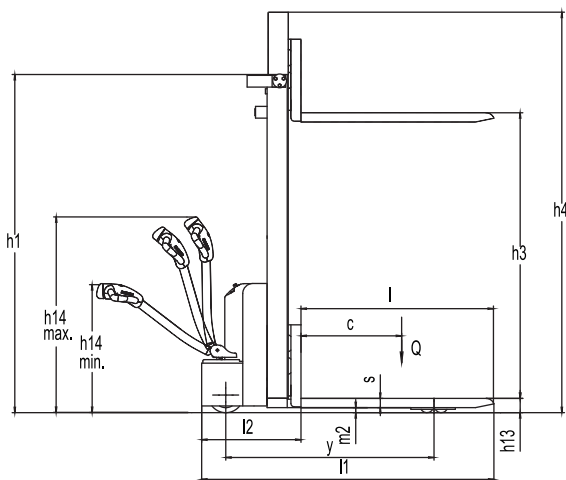
Distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			ES12-12ES
1.3	Drive unit			electrics
1.4	Operator type			pedestrian
1.5	rated capacity	Q	kg	1200
1.6	Load center distance	c	mm	600
1.8	Load distance, centre of drive axle to fork	x	mm	795
1.9	Wheelbase	y	mm	1240
Weight				
2.1	Service weight (include battery)		kg	661
2.2	Axle loading, laden driving side/loading side		kg	845/1016
2.3	Axle loading, unladen driving side/loading side		kg	536/125
Types,Chassis				
3.1	Tyre type Driving wheels/Loading wheels			PU/ PU
3.2	Tyre size, driving wheels (diameter×width)		mm	Ø210×70
3.3	Tyre size, loading wheels (diameter×width)		mm	Ø80×60
3.4	Tyre size, caster wheels (diameter×width)		mm	Ø130×55
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm	1x +1/4
3.6	Track width, front, driving side	b ₁₀	mm	533
3.7	Track width, rear, loading side	b ₁₁	mm	400
Dimensions				
4.1	Tilt of mast/fork carriage forward/backward	α/ β	°	
4.2	Height, mast lowered	h ₁	mm	2052
4.3	Free lift	h ₂	mm	
4.4	Lift height	h ₃	mm	3015
4.5	Height, mast extended	h ₄	mm	3521
4.6	Initial lift	h ₅	mm	
4.9	Height drawbar in driving position min./max.	h ₁₄	mm	860/ 1200
4.10	Height of wheel arms	h ₈	mm	
4.15	Lowered height	h ₁₃	mm	88
4.19	Overall length	l ₁	mm	1740
4.20	Length to face of forks	l ₂	mm	590
4.21	Overall width	b ₁ / b ₂	mm	800
4.22	Fork dimensions	s/ e/ l	mm	60/ 170/ 1150
4.24	Fork carriage width	b ₃	mm	680
4.25	Outside width of the forks	b ₅	mm	570
4.26	Distance between wheel arms	b ₄	mm	
4.31	Ground clearance, laden, below mast	m ₁	mm	
4.32	Ground clearance, center of wheelbase	m ₂	mm	30
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	2225
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2150
4.35	Turning radius	Wa	mm	1408
Performance data				
5.1	Travel speed, laden/ unladen		km/ h	4/4.5
5.2	Lifting speed, laden/ unladen		m/ s	0.12/0.22
5.3	Lowering speed, laden/ unladen		m/ s	0.12/0.11
5.8	Max. gradeability, laden/unladen		%	3/10
5.10	Service brake type			Electromagnetic
Electric-engine				
6.1	Drive motor rating S2 60 min		kW	0.65
6.2	Lift motor rating at S3 15%		kW	2.2
6.3	The maximum allowed size battery		mm	325x180x230
6.4	Battery voltage/nominal capacity K20		V/ Ah	2x12/105
6.5	Battery weight		kg	2x30
Addition data				
8.1	Type of drive unit			DC
10.5	Steering type			Mechanical
10.7	Sound pressure level at the driver's ear		dB(A)	74

If there are improvements of technical parameters or configurations, no further notice will be given. The diagram shown may contain non-standard configurations.



ES12-12ES

mast types	Lift h3+h13 (mm)	Lowered mast height h1 (mm)	Free lift h2 (mm)	Extended mast height h4 (mm)
Duplex ZT	1205	1575	1120	1575
	1405	1775	1320	1775
	1605	1975	1520	1975
	1705	2075	1705	2075
	2515	1802	—	3021
	2715	1902	—	3221
	3015	2052	—	3521
	3315	2202	—	3821
	3615	2352	—	4121



RATED CAPACITIES GRAPH

ES12-12MM/ES12-25MM
ES12-12ES/ES12-25DM

