



ES10-ES(-Li)

ES12-ES(-Li)

ES15-ES(-Li)



Electric Stacker 1.0/1.2/1.5T

- Cross over Design to replace semi-electric stacker
- Heavy duty Mast with Side-chains Design to ensure wide view
- Compact chassis design offers smallest turning radius needed

REDDOT EQUIPMENT LIMITED
www.reddotequipment.com

**Electric
Stacker**



Electric Stacker 1.0/1.2/1.5T

ES10/12/15-ES

Distinguishing Mark						
Manufacturer				REDDOT		
Model				ES10-ES		ES12-ES ES15-ES
Driving Type				electric		electric electric
Operating Type				pedestrian		pedestrian pedestrian
Rated Capacity		kg		1000		1200 1500
Load Center		mm		600		600 600
Wheelbase		mm		1275		1275 1275
Weight						
Service Weight(Without Battery) ①		kg		520		520 540
Service Weight(With Battery) ②		kg		570		570 590
Tyres,Chassis						
Wheel Material				PU		PU PU
Tyre size, Loading wheels		mm		Ø80		Ø80 Ø80
Tyre size, Driving wheels		mm		Ø210		Ø210 Ø210
Tyre size, Caster wheels		mm		Ø124		Ø124 Ø124
Number of wheels		psc		4		4 4
Dimensions						
Height, mast lowered ③		mm		2030		2030 2030
Height, mast extended ④		mm		3490		3490 3490
Lift height ⑤		mm		3000		3000 3000
Overall length		mm		1750		1750 1750
Fork width		mm		160		160 160
Overall width		mm		820		820 820
Fork Length		mm		1150		1150 1150
Outside width of forks		mm		560/680		560/680 560/680
Fork lowest height		mm		90		90 90
Ground clearance		mm		30		30 30
Turning radius		mm		1470		1470 1470
Chassis height		mm		760		760 760
Aisle width for pallets 800*1200 lengthways		mm		2230		2230 2230
Aisle width for pallets 1000*1200 crossways		mm		2305		2305 2305
Performance						
Travel speed, laden/unladen		km/h		4.5/4.7		4.5/4.7 4.5/4.7
Lifting speed, laden/unladen		mm/s		100/112		100/112 100/112
Lowering speed, laden/unladen		mm/s		92/85		92/85 92/85
Max. gradeability, laden/unladen		%		5/7		5/7 5/7
Electric-engine						
Driving motor rating S2 60 min		kW		0.75		0.75 0.75
Lifting motor rating S3 7.5%		kW		2.2		2.2 2.2
Battery voltage/nominal capacity K20		V/Ah		(12V/75Ah)×2		(12V/75Ah)×2 (12V/75Ah)×2
Battery dimension (L*W*H)		mm		(260×172×214)×2		(260×172×214)×2 (260×172×214)×2
Brake				Electromagnetic Brake		
Type of drive control				Curtis 1212P-2501		

1.The parameters in the table are of the standard model.For more information,please contact us.
2.The parameters are subject to change without notice.

Electric Stacker 1.0/1.2/1.5T

ES10/12/15-ES-Li

Distinguishing Mark						
Manufacturer				REDDOT		
Model				ES10-ES-Li		ES12-ES-Li ES15-ES-Li
Driving Type				electric		electric electric
Operating Type				pedestrian		pedestrian pedestrian
Rated Capacity		kg		1000		1200 1500
Load Center		mm		600		600 600
Wheelbase		mm		1275		1275 1275
Weight						
Service Weight(Without Battery) ①		kg		520		520 540
Service Weight(With Battery) ②		kg		570		570 590
Tyres,Chassis						
Wheel Material				PU		PU PU
Tyre size, Loading wheels		mm		Ø80		Ø80 Ø80
Tyre size, Driving wheels		mm		Ø210		Ø210 Ø210
Tyre size, Caster wheels		mm		Ø124		Ø124 Ø124
Number of wheels		psc		4		4 4
Dimensions						
Height, mast lowered ③		mm		2030		2030 2030
Height, mast extended ④		mm		3490		3490 3490
Lift height ⑤		mm		3000		3000 3000
Overall length		mm		1750		1750 1750
Fork width		mm		160		160 160
Overall width		mm		820		820 820
Fork Length		mm		1150		1150 1150
Outside width of forks		mm		560/680		560/680 560/680
Fork lowest height		mm		90		90 90
Ground clearance		mm		30		30 30
Turning radius		mm		1470		1470 1470
Chassis height		mm		760		760 760
Aisle width for pallets 800*1200 lengthways		mm		2230		2230 2230
Aisle width for pallets 1000*1200 crossways		mm		2305		2305 2305
Performance						
Travel speed, laden/unladen		km/h		4.5/4.7		4.5/4.7 4.5/4.7
Lifting speed, laden/unladen		mm/s		100/112		100/112 100/112
Lowering speed, laden/unladen		mm/s		92/85		92/85 92/85
Max. gradeability, laden/unladen		%		5/7		5/7 5/7
Electric-engine						
Driving motor rating S2 60 min		kW		0.75		0.75 0.75
Lifting motor rating S3 7.5%		kW		2.2		2.2 2.2
Battery voltage/nominal capacity K20		V/Ah		24V/60Ah		24V/60Ah 24V/60Ah
Battery dimension (L*W*H)		mm		(260×172×214)×2		(260×172×214)×2 (260×172×214)×2
Brake				Electromagnetic Brake		
Type of drive control				Curtis 1212P-2501		

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Mast Option

ES10-ES/ES12-ES

Lift Height h3(mm)⑤	Mast type	Free lift h2(mm)	Lowered Mast Height h1(mm)③	Extended Mast Height h4(mm)④
ES10-ES/ES12-ES				
1600	1W	1600	2010	2010
2500		--	1780	2990
3000	2W	--	2030	3490
3300		--	2180	3790
3500		--	2280	3990

ES15-ES

Lift Height h3(mm)⑤	Mast type	Free lift h2(mm)	Lowered Mast Height h1(mm)③	Extended Mast Height h4(mm)④
ES15-ES				
1600	1W	--	2010	2010
2500		--	1780	2990
3000	2W	--	2030	3490
3300		--	2180	3790
3500		--	2280	3990

