



Electric Stacker

ES 1.6/2.0-R(S)

LS 1.6/2.0-R(S)



Electric Stacker 1.6/2.0t

- High Strength Structure Suits High Racking Applications
- Various Options Such As Foldable platform, Protection Arm&Power Steering system
- Li-ion Battery Option

Electric Stacker 1.6/2.0T

ES16/20-R(S) LS16/20-R(S)

Distinguishing Mark						
Manufacturer	REDDOT					
Model		ES16-R(S)	ES20-R(S)	LS16-R(S)	LS20-R(S)	
Driving Type	electric		electric	electric	electric	
Operating Type	standing		standing	standing	standing	
Rated Capacity	q	kg	1600	2000	1600	2000
Load Center	c	mm	600	600	600	600
Wheelbase	y	mm	1380	1380	1380	1380
Weight						
Service Weight(Without Battery)		kg	875(880)	965(970)	875(880)	965(970)
Service Weight(With Battery)		kg	1085(1090)	1175(1180)	955(960)	1045(1050)
Tyres,Chassis						
Wheel Material	PU		PU	PU	PU	
Tyre size, Loading wheels	Ø78		Ø78	Ø78	Ø78	
Tyre size, Driving wheels	Ø230		Ø230	Ø230	Ø230	
Tyre size, Caster wheels	Ø124		Ø124	Ø124	Ø124	
Number of wheels	psc		7	7	7	7
Dimensions						
Height, mast lowered ③	h1	mm	2045	2045	2045	2045
Height, mast extended ④	h4	mm	3540	3535	3540	3535
Lift height ⑤	h3	mm	3000	3000	3000	3000
Overall length (With pedal)	l1	mm	2535	2585	2535	2585
Fork width	mm		170	185	170	185
Overall width	b1	mm	800	940	800	940
Fork Length	mm		1150	1150	1150	1150
Outside width of forks	b5	mm	540-680	540-680	540-680	540-680
Fork lowest height	mm		90	90	90	90
Ground clearance	mm		40	40	40	40
Turning radius (Without Tiller)	mm		1642	1642	1642	1642
Chassis height	mm		815	815	815	815
Aisle width for pallets 800*1200 lengthways	mm		2535	2535	2535	2535
Aisle width for pallets 1000*1200 crossways	mm		2605	2605	2605	2605
Performance						
Travel speed, laden/unladen	km/h		5/5.3	5/5.3	5/5.3	5/5.3
Lifting speed, laden/unladen	mm/s		90/130	58/148	90/130	58/148
Lowering speed, laden/unladen	mm/s		250/80	145/80	250/80	145/80
Max. gradeability, laden/unladen	%		5/7	5/7	5/7	5/7
Electric-engine						
Driving motor rating S2 60 min	kW		1.5	1.5	1.5	1.5
Lifting motor rating	kW		2.2	3	2.2	3
Battery voltage/nominal capacity K20	V/Ah		24V/210Ah	24V/210Ah	24V/200Ah Li-ion	24V/200Ah Li-ion
Battery dimension (L*W*H)	mm		790x210x576	790x210x576	750x175x570	750x175x570
Brake	Electromagnetic Brake					
Type of drive control	Curtis F2-A					
Steering type	Mechanical (Electronic)			Mechanical (Electronic)		

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.

ES16/20-R(S) LS16/20-R(S)

Mast Option

ES16/20-R(S) LS16/20-R(S)

Lift Height h3(mm)⑤	Mast type	Free lift h2	Lowered Mast Height h1(mm)③	Extended Mast Height h4(mm)④
ES16/20-R(S) LS16/20-R(S)				
1600	1F	1600	2050/2115	2070/2115
2500		--	1795	3040/3035
3000		--	2045	3540/3535
3300	2W	--	2195	3840/3835
3500		--	2295	4040/4035
4000		--	2545	4540/4535
2500		1300	1795	3035/--
3000	2F	1550	2045	3535/--
3300		1700	2195	3835/--
3500		1800	2295	4035/--
4000		1384	1908	4596
4300		1484	2008	4896
4500		1550	2075	5095
5000	3F	1716	2245	5595
5300		1816	2345	5895
5800		1984	2515	6395
6000		2050	2585	6595
6300		2150	2685	6895

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