



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					ALVOX												
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					mm		Ø78			Ø78			Ø78			Ø78	
Tyre size, Driving wheels					mm		Ø230			Ø230			Ø230			Ø230	
Tyre size, Caster wheels					mm		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		2600			2600			2600			2600	
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	2W	--	1795	3040/3035
3000		--	2045	3540/3535
3300		--	2195	3840/3835
3500		--	2295	4040/4035
4000		--	2545	4540/4535
2500	2F	1300	1795	3035/--
3000		1550	2045	3535/--
3300		1700	2195	3835/--
3500		1800	2295	4035/--
4000	3F	1384	1908	4596
4300		1484	2008	4896
4500		1550	2075	5095
5000		1716	2245	5595
5300		1816	2345	5895
5800		1984	2515	6395
6000		2050	2585	6595
6300		2150	2685	6895

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