

	Model				ES-14-30S	ES-16-35S
1	Characteristics		Capacity	lb	3000	3500
2		M	Load center		24"	
3			Drive type		Battery	
4			Operator type		Walkie	
5	Specifications	A	Maximum lifting height		118"/130"/142"/157"	
6		B	Lowered height of fork		2"	
7			Standard fork length		44"	
8			Fork width		4"	
9			Minimum turning radius		58"	
10		C	Minimum aisle width		109"	
11			Minimum ground clearance		1.2"	
12	Performance		Maximum travel speed	Laden	mile/h	1.88
13				Unladen	mile/h	2.19
14			Maximum lifting speed	Laden	inch/s	5.12
15				Unladen	inch/s	9.05
16			Maximum lowering speed	Laden	inch/s	5.12
17				Unladen	inch/s	9.05
18			Gradeability	Laden	%	5 (within 5min)
19				Unladen	%	7 (within 30min)
20	Weight		Service weight without battery pack (118" standard)		lb	1860
21			Service weight with battery pack (118" standard)		lb	2540
22	Chassis	D	Overall length (118" standard)			74"
23		P	Length			62"
24		F	Straddle OD			58"
25		F1	Straddle ID			50"
26			Straddle OD (ES-14-30A/ES-16-35A)			58"/52"/46"
27			Straddle ID (ES-14-30A/ES-16-35A)			50"/44"/38"
28		L	Overall rear height			52"
29		R	Rear body length			30"
30		J	Rear body width			33"
31		K	Rear body height			30"
32		N	Handle width			17"
33	G	Mast extended height (118"/130"/142"/157")			165"/177"/189"/205"	
34	H	Mast lowered height (118"/130"/142"/157")			84"/84"/92"/100"	
35	Wheel		Wheel type front/rear			poly/poly
36			Wheels			1xDriven wheel, 1xUniversal wheel, 4xFront wheel
37			Dimension of driven wheel			Ø 9.8"*3"
38			Dimension of load wheel			Ø 3.3"*2.8"
39			Dimension of universal wheel			Ø 5.87"*1.89"
40		I	wheel base			51
41	Brake					Electromagnetic
42	Motor		Travelling			24V, 1.25HP
43			Lifting			24V, 4HP
44	Battery(suggested)		Voltage			24V
45			Capacity			280Ah
46			Max battery size (L*W*H)			32.4"*9.76"*24.02"
47	Control		Control system			CURTIS 1243

Adjustable straddle model: ES-14-30A / ES-16-35A