

ELECTRIC SCISSOR Range Specifications



	MODEL		S1530E	S1930E	S2032E	S2046E	S2632E	S2646E	S3246E	S4046E	S4550E
1	Max. Platform Height	m / ft ins	4.6 / 15'1"	5.8 / 19'0"	6.3 / 20'8"	6.3 / 20'8"	8.1 / 26'6"	8.1 / 26'6"	10 / 32'9"	11.9 / 39'0"	13.8 / 45'3"
2	Max. Working Height	m / ft ins	6.6 / 21'1"	7.8 / 25'0"	8.3 / 26'8"	8.3 / 26'8"	10.1 / 32'6"	10.1 / 32'6"	12 / 38'9"	13.9 / 45'0"	15.8 / 51'0"
3	Extension Outreach	m / ins	0.9 / 35	0.9 / 35	0.9 / 35	0.9 / 35	0.9 / 35	0.9 / 35	0.9 / 35	0.9 / 35	0.9 / 35
4	Length (Stowed)	m / ft ins	1.78 / 5'10"	1.78 / 5'10"	2.39 / 7'10"	2.39 / 7'10"	2.39 / 7'10"	2.39 / 7'10"	2.39 / 7'10"	2.39 / 7'10"	2.76 / 9'1"
5	Width (Stowed)	m / ft ins	0.76 / 2'6"	0.76 / 2'6"	0.81 / 2'8"	1.15 / 3'9"	0.81 / 2'8"	1.15 / 3'9"	1.15 / 3'9"	1.15 / 3'9"	1.25 / 4'1"
6	Height (Stowed, Guardrails Folded)	m / ft ins	1.84 / 6'0"	1.86 / 6'1"	1.83 / 6'0"	1.83 / 6'0"	1.96 / 6'5"	1.96 / 6'5"	1.86 / 6'1"	1.98 / 6'6"	2.20 / 7'3"
7	Height (Stowed, Guardrails Unfolded)	m / ft ins	2.11 / 6'11"	2.12 / 6'11"	2.22 / 7'3"	2.22 / 7'3"	2.35 / 7'8"	2.35 / 7'8"	2.48 / 8'2"	2.60 / 8'6"	2.60 / 8'6"
8	Weight	kg / lbs	1,330 / 2,932	1,526 / 3,364	1,834 / 4,044	2,134 / 4,705	1,972 / 4,546	2,528 / 4,348	2,646 / 5,834	2,996 / 6,606	3,366 / 7,422
9	Max. Wheel Loading	kg / lbs	550 / 1,213	550 / 1,213	980 / 2,161	1,180 / 2,602	1,080 / 2,381	1,390 / 3,065	1,180 / 2,602	1,180 / 2,602	1,140 / 2,514
10	Platform Length	m / ins	1.64 / 65	1.64 / 65	2.25 / 89	2.25 / 89	2.25 / 89	2.25 / 89	2.25 / 89	2.25 / 89	2.64 / 104
11	Platform Width	m / ins	0.76 / 30	0.76 / 30	0.81 / 32	1.15 / 46	0.81 / 32	1.15 / 46	1.15 / 46	1.15 / 46	0.81 / 32
12	Platform Height	m / ins	1.10 / 43	1.10 / 43	1.10 / 43	1.10 / 43	1.10 / 43	1.10 / 43	1.10 / 43	1.10 / 43	1.10 / 43
13	Load Capacity	kg / lbs	280 / 615	280 / 615	380 / 840	550 / 1,210	250 / 550	450 / 990	320 / 705	320 / 705	227 / 500
14	Max. Platform Occupants (Outdoor)		1	1	1	2	-	2	1	1	-
15	Max. Platform Occupants (Indoor)		2	2	2	2	2	2	2	2	2

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MODEL		SI530E	SI930E	S2032E	S2046E	S2632E	S2646E	S3246E	S4046E	S4550E
16	Max. Allowable Side Force (Indoor)	N / lbf	400 / 90	400 / 90	400 / 90	400 / 90	400 / 90	400 / 90	400 / 90	400 / 90
17	Max. Allowable Side Force (Outdoor)	N / lbf	200 / 45	200 / 45	200 / 45	400 / 90	-	400 / 90	200 / 45	200 / 45
18	Max. Allowable Wind Speed (Outdoor)	m/s / mph	12.5 / 28	12.5 / 28	12.5 / 28	12.5 / 28	-	12.5 / 28	12.5 / 28	12.5 / 28
19	Max. Allowable Slope (Front / Back)	°	3	3	3	3	3	3	3	3
20	Max. Allowable Slope (Side / Side)	°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
21	Ground Clearance (Stowed)	m / ins	0.07 / 2.75"	0.07 / 2.75"	0.1 / 4"	0.1 / 4"	0.1 / 4"	0.1 / 4"	0.1 / 4"	0.1 / 4"
22	Wheelbase	m / ins	1.33 / 52"	1.33 / 52"	1.85 / 73"	1.85 / 73"	1.85 / 73"	1.85 / 73"	1.85 / 73"	2.22 / 87"
23	Turning Radius (Outside)	m / ft ins	1.49 / 4'11"	1.49 / 4'11"	2.1 / 6'11"	2.35 / 7'8"	2.1 / 6'11"	2.35 / 7'8"	2.35 / 7'8"	2.56 / 8'5"
24	Turning Radius (Inside)	m / ins	0.04 / 1.5"	0.04 / 1.5"	0	0	0	0	0	0
25	Gradeability	%	30	25	25	25	25	25	25	25
26	Max. Driving Speed (Stowed)	km/h / mph	3.2 / 2	3.2 / 2	3.2 / 2	3.2 / 2	3.2 / 2	3.2 / 2	3.2 / 2	3.2 / 2
27	Max. Driving Speed (Raised)	km/h / mph	0.8 / 0.5	0.8 / 0.5	0.8 / 0.5	0.8 / 0.5	0.8 / 0.5	0.8 / 0.5	0.8 / 0.5	0.8 / 0.5
28	Rising Speed (Loaded)	s	15~20	15~20	25~30	25~30	30~35	30~35	53~58	63~68
29	Falling Speed (Loaded)	s	28~33	25~30	30~35	30~35	35~40	35~40	40~45	45~50
30	Solid Tyre Dimensions	mm	305 x115	305 x115	380 x125	380 x125	380 x125	380 x125	380 x125	380 x125
31	Solid Tyre Dimensions	ins	12 x 4.5	12 x 4.5	15 x 5	15 x 5	15 x 5	15 x 5	15 x 5	15 x 5
32	Hydraulic System Volume	L / gal	18 / 4.75	18 / 4.75	18 / 4.75	18 / 4.75	18 / 4.75	18 / 4.75	22 / 5.8	22 / 5.8
33	Hydraulic System Pressure	Mpa	24	24	24	24	24	24	24	24
34	Battery (Voltage)	V	6	6	6	6	6	6	12	12
35	Battery (QTY)		4	4	4	4	4	4	4	4
36	Battery (Ah)	Ah	225	225	225	225	225	225	240	150
37	Power Unit (DC)	V / Kw	24 / 3.3	24 / 3.3	24 / 3.3	24 / 3.3	24 / 3.3	24 / 3.3	24 / 3.3	24 / 3.3
38	Charger Input / Output Voltage	V	120~240 / 25	120~240 / 25	120~240 / 25	120~240 / 25	120~240 / 25	120~240 / 25	120~240 / 25	120~240 / 25
39	Drive & Steer Mode		Front WD, 2WS	Front WD, 2WS	Front WD, 2WS	Front WD, 2WS	Front WD, 2WS	Front WD, 2WS	Front WD, 2WS	Front WD, 2WS
40	Brake		Rear 2	Rear 2	Rear 2	Rear 2	Rear 2	Rear 2	Rear 2	Rear 2