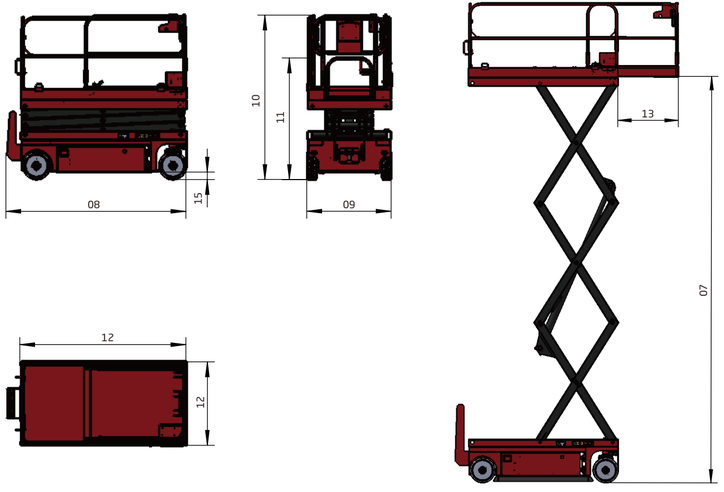
Self-propelled Electric Scissor Lifts

01	Manufacturer	HANGCHA GROUP CO.,LTD.									
02	Model	65XEN	78XEN	80XENS	100XENS	80XEN	100XEN	120XEN	140XEN	160XEN	160XENS
03	Maximum load capacity(outdoor/indoor)	kg	320	230	380	230	450	450	320	320	230	230
04	Maximum load capacity of extended platform	kg	113	113	113	113	113	113	113	113	113	113
05	Maximum number of workers		Indoor 2/outdoor 1	Indoor 2/outdoor 1	Indoor 2	Indoor 2	Indoor 2/outdoor 1	Indoor 2/outdoor 1	Indoor 2/outdoor 1	Indoor 2	Indoor 2	Indoor 2
06	Height,working	m	6.5	7.8	8	10	8	10	12	13.8	15.7	15.7
07	Height, platform	m	4.5	5.8	6	8	6	8	10	11.8	13.7	13.7
08	Length	m	1.89	1.89	2.48	2.48	2.48	2.48	2.48	2.48	2.84	2.84
09	Width	m	0.81	0.81	0.81	0.81	1.15	1.15	1.15	1.15	1.4	1.25
10	Height(Guardrail Unfolded)	m	2.07	2.19	2.23	2.37	2.23	2.37	2.5	2.64	2.64	2.64
11	Height(Guardrail Folded)	m	1.72	1.84	1.88	2.02	1.63	1.77	1.9	2.04	2.04	2.04
12	Working dimensions	m	1.68×0.78	1.68×0.78	2.27×0.81	2.27×0.81	2.27×1.14	2.27×1.14	2.27×1.14	2.27×1.14	2.64×1.14	2.64×1.14
13	Length, extended maximum	m	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
14	Wheel base	m	1.36	1.36	1.87	1.87	1.87	1.87	1.87	1.87	2.22	2.22
15	Ground distance	cm	7.7(fold) 1.6(lift)		10(fold) 1.6(lift)		10(fold) 2(lift)					
16	Turning radius(inside)	m	0	0	0	0	0	0	0	0	0	0
17	Turning radius(outside)	m	1.64	1.64	2.1	2.1	2.2	2.2	2.2	2.2	2.7	2.65
18	Drive speeds	km/h	0-3.5	0-3.5	0-3.5	0-3.5	0-3.5	0-3.5	0-3.5	0-3.5	0-3	0-3
19	Up time	s	12±2	16±2	20±2	28±2	25±3	34±3	53±3	63±5	65±5	65±5
20	Down time	s	26±4	36±4	37±4	50±5	37±5	50±5	50±5	60±7	70±7	70±7
21	Lifting speed (unladen)	m/s	0.3	0.3	0.24	0.24	0.2	0.2	0.16	0.16	0.19	0.19
22	Descending speed (unladen)	m/s	0.14	0.14	0.13	0.13	0.14	0.14	0.17	0.17	0.18	0.18
23	Motor model		XQD-4.5HP-2	XQD-4.5HP-2	XQD-4.5HP-2	XQD-4.5HP-2	XQD-4.5HP-2	XQD-4.5HP-2	XQD-4.5HP-2	XQD-4.5HP-2	XQD-4.5-9	XQD-4.5-9
24	Motor rated power	kw	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	4.5	4.5
25	Battery	V/Ah	24V/200	24V/200	24V/200	24V/200	24V/200	24V/200	24V/200	24V/200	24V/200	24V/200
26	Charger	V/A	24/30	24/30	24/30	24/30	24/30	24/30	24/30	24/30	24/30	24/30
27	Maximum slope rating	%	25	25	25	25	25	25	25	25	25	25
28	Maximum allowable inclination	°	3°	3°	3°	3°	3°	3°	3°	3°	3°	3°
29	Tire size	mm	Φ305×100mm	Φ305×100mm	Φ381×127mm	Φ381×127mm	Φ381×127mm	Φ381×127mm	Φ381×127mm	Φ381×127mm	Φ381×127mm	Φ381×127mm
30	Weight	kg	1315	1435	2085	2180	2230	2370	2810	3040	3240	3280



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HANGCHA trucks conform to the European Safety Requirements.

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Self-propelled Electric Scissor Lifts

Aerial work platform

The World of Hangcha

HANGCHA

Self-propelled Electric Scissor Lifts

HANGCHA self-propelled electric scissor lifts are the high efficient,safe and ideal solution for modern industry. Ideal for maneuvering in tight Spaces,they're excellent for indoor and outdoor application,all the functions, lifting, lowing, steering, forward and backward are under operator's control. Easy maintenance and service after opening the battery cover, all key parts are easy access. With low noise level, and high reliability, HANGCHA self-propelled electric scissor lifts are always your best partner.



Characteristics

/ The proportional control system:Control the speed Of Traveling and lifting as you need.
/ Control box:This box is including the function Of Traveling and lifting, when you use the joystick, you can Operate the machine With only one hand.
/ Self-leveling sensor. When the degree is more than 1.5°（width direction）/3°(lengthwise direction), it will alarm.
/ LED display: Easy for maintenance.
/ Steering system. The turning radius is small,it can work In the narrow space.
/ Extension deck: You can reach the working place by the Extended platform.
/ Reasonable arrangement: All the parts of hydraulic system and electric system are located In the side doors, convenient to repair.
/ Safety: Alloy steel axis, to make sure the safety, reliable and efficient.
/ Internal charger: You can charge the battery directly, do not need to remove it from machine.
/ Hydrostatic transmission: Using hydrostatic transmis-sion system technology.

Application

/ Stations, dock, airport, powerstation, gym, big company ect.

Standard Equipment

/ The lifting system
/ The proportional control
/ Anti-overturning system
/ Control box
/ Internal Charger
/ Hour meter
/ Local battery

Options

/ Working lights(two lights)
/ 220v socket
/ Beeper
/ Alarm light
/ Anti-overload system(Required by CE)
/ Pneumatic air line



100XEN



120XEN



140XEN





1 Joystick



2 Extension platform



3 Hydraulic and electric system



4 Battery



5 Brake



6 Traction motor



7 Supporting arms: To protect the operator when he is doing repair or maintenance job



8 Explosion proof valve: To prevent the machine falling when the oil pipe is leaking



9 Manual lowering valve:When the operation system failed or the battery power is too low to let the platform decline, we can use this valve to lower the machine



10 Manual release valve: When the machine can not move, you can push the machine after pressing this valve



11 Anti-overturning system: When the machine raises to more than 2m, this system will work automatically, to protect the machine from overturning while walking at un-leveling ground