

HELI

JS12

**Self Propelled Scissor
Type Aerial Work Platform**



Manufacturer's Data and Design Characteristics

Manufacture			HELI												
11	Model			JS0812	JS0812Li	JS0812E	JS0812ELi	JS1012	JS1012Li	JS1012E	JS1012ELi	JS1212	JS1212Li	JS1212E	JS1212ELi
	Dimension														
21	Max.working height	A1	m	10	10	10	10	12	12	12	12	13.9	13.9	13.9	13.9
22	Max.platform height	A2	m	8	8	8	8	10	10	10	10	11.9	11.9	11.9	11.9
23	Overall length	B	m	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
24	Overall width	C	m	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15
25	Overall height (guardrail unfolded)	D	m	2.3	2.3	2.3	2.3	2.46	2.46	2.46	2.46	2.60	2.60	2.60	2.60
26	Overall height (guardrail folded)		m	1.71	1.71	1.71	1.71	1.84	1.84	1.84	1.84	1.98	1.98	1.98	1.98
27	Platform size (length x width)	ExF	m	2.25x1.15	2.25x1.15	2.25x1.15	2.25x1.15	2.25x1.15	2.25x1.15	2.25x1.15	2.25x1.15	2.25x1.15	2.25x1.15	2.25x1.15	2.25x1.15
28	Guardrail height	G	m	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
29	Extension size of platform	H	m	1	1	1	1	1	1	1	1	1	1	1	1
210	Ground clearance (retracted state)	I	mm	95	95	95	95	95	95	95	95	95	95	95	95
211	Ground clearance (lifting state)	J	mm	20	20	20	20	20	20	20	20	20	20	20	20
212	Wheelbase	K	m	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85
Performance															
31	Max.number of workers (indoor/outdoor)			2 / 1	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1	2 / -	2 / -	2 / -	2 / -
32	Rated capacity		kg	450	450	450	450	320	320	320	320	320	320	320	320
33	Rated capacity of extension platform		kg	120	120	120	120	120	120	120	120	120	120	120	120
34	Drive speed (retracted state)		km/h	0~3.2	0~3.2	0~3.2	0~3.2	0~3.2	0~3.2	0~3.2	0~3.2	0~3.2	0~3.2	0~3.2	0~3.2
35	Drive speed (lifting state)		km/h	0~0.8	0~0.8	0~0.8	0~0.8	0~0.8	0~0.8	0~0.8	0~0.8	0~0.8	0~0.8	0~0.8	0~0.8
36	Min.turning radius (inside)		m	0	0	0	0	0	0	0	0	0	0	0	0
37	Min.turning radius (outside)		m	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
38	Lifting/Falling time		s	32/35	32/35	32/35	32/35	52/48	52/48	52/48	52/48	52/52	52/52	52/52	52/52
39	Maxwork.slop (forward and backward/left and right)		°	3°/1.5°	3°/1.5°	3°/1.5°	3°/1.5°	3°/1.5°	3°/1.5°	3°/1.5°	3°/1.5°	3°/1.5°	3°/1.5°	3°/1.5°	3°/1.5°
310	Max.allowable wind speed (indoor/outdoor)		m/s	0/12.5	0/12.5	0/12.5	0/12.5	0/12.5	0/12.5	0/12.5	0/12.5	0/0	0/0	0/0	0/0
311	Max.allowable lateral force (indoor/outdoor)		N	400/200	400/200	400/200	400/200	400/200	400/200	400/200	400/200	400/0	400/0	400/0	400/0
312	Gradeability		%	30%	30%	30%	30%	25%	25%	30%	30%	25%	25%	30%	30%
313	Control type			Proportional control	Proportional control	Proportional control	Proportional control	Proportional control	Proportional control	Proportional control	Proportional control	Proportional control	Proportional control	Proportional control	Proportional control
314	Drive			Dual front wheels	Dual front wheels	Dual front wheels	Dual front wheels	Dual front wheels	Dual front wheels	Dual front wheels	Dual front wheels	Dual front wheels	Dual front wheels	Dual front wheels	Dual front wheels
315	Brake			Dual rear wheels	Dual rear wheels	Dual front wheels	Dual front wheels	Dual rear wheels	Dual rear wheels	Dual front wheels	Dual front wheels	Dual rear wheels	Dual rear wheels	Dual front wheels	Dual front wheels
316	Tyre size		mm	381x129	381x129	381x129	381x129	381x129	381x129	381x129	381x129	381x129	381x129	381x129	381x129
Power															
41	Lifting/driving motor power		kw	3.3	3.3	3.3/0.7x2	3.3/0.7x2	3.3	3.3	3.3/0.7x2	3.3/0.7x2	4.5	4.5	3.3/0.7x2	3.3/0.7x2
42	Battery voltage/capacity		V/Ah	6×4/180	24/220	6×4/180	24/220	6×4/180	24/220	6×4/180	24/220	6×4/240	24/220	6×4/240	24/220
43	Charger input voltage		VAC	100-240	100-240	100-240	100-240	100-240	100-240	100-240	100-240	100-240	100-240	100-240	100-240
44	Charger output current		A	36	36	36	36	36	36	36	36	36	36	36	36
45	Control voltage		VDC	24	24	24	24	24	24	24	24	24	24	24	24
Weight															
51	Overall weight		kg	2460	2460	2460	2460	2820	2820	2820	2820	2950	2950	2950	2950

Standard configurations

Proportional control	Extension platform	Emergency stop device	Intelligent danger alarm	Working timer	Emergency Falling system	Automatic Brake system	Action buzzer	Repair safety arm
Manual brake release	Automatic Fault diagnosis	Folding guardrail	Charging action interlock	Auto-protection on holes on the ground	Working strobe Warning light	Oil pipe explosion Proof system	Anti-pinch system	Standard transportati on truck hole

Optional configurations

AC power to platform	Platform working light	Platform anti-collision device	Pneumatic pipe to platform	Generator to platform	Intelligent interlock	Folding guardrail	Safety pedal switch	Telematics
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