

HELI

JS12

**Self Propelled Scissor
Type Aerial Work Platform**



Manufacturer's Data and Design Characteristics

Manufacture		HELI												
1.1 Model		JS0812	JS0812Li	JS0812E	JS0812ELi	JS1012	JS1012Li	JS1012E	JS1012ELi	JS1212	JS1212Li	JS1212E	JS1212ELi	
2.1 Max.working height	A1	m	10	10	10	10	12	12	12	12	13.9	13.9	13.9	
2.2 Max.platform height	A2	m	8	8	8	8	10	10	10	10	11.9	11.9	11.9	
2.3 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 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	
2.5 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	
2.6 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	
2.7 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	
2.8 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	
2.9 Extension size of platform	H	m	1	1	1	1	1	1	1	1	1	1	1	
2.10 Ground clearance (retracted state)	I	mm	95	95	95	95	95	95	95	95	95	95	95	
2.11 Ground clearance (lifting state)	J	mm	20	20	20	20	20	20	20	20	20	20	20	
2.12 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	
Performance														
3.1 Max.number of workers (indoor/outdoor)			2 / 1	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1	2 / -	2 / -	2 / -	2 / -	
3.2 Rated capacity		kg	450	450	450	450	320	320	320	320	320	320	320	
3.3 Rated capacity of extension platform		kg	120	120	120	120	120	120	120	120	120	120	120	
3.4 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	
3.5 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	
3.6 Min.turning radius (inside)		m	0	0	0	0	0	0	0	0	0	0	0	
3.7 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	
3.8 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	
3.9 Max.work.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°	
3.10 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	
3.11 Max.allowable lateral force (indoor/outdoor)		N	400/200	400/200	400/200	400/200	400/200	400/200	400/200	400/0	400/0	400/0	400/0	
3.12 Gradeability		%	30%	30%	30%	30%	25%	25%	30%	30%	25%	25%	30%	
3.13 Control type			Proportional control	Proportional control	Proportional control	Proportional control	Proportional control	Proportional control	Proportional control	Proportional control	Proportional control	Proportional control	Proportional control	
3.14 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	
3.15 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	
3.16 Tyre size		mm	381x129	381x129	381x129	381x129	381x129	381x129	381x129	381x129	381x129	381x129	381x129	
Power														
4.1 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	
4.2 Battery voltage/capacity		V/Ah	6×4/200	24/220	6×4/200	24/220	6×4/200	24/220	6×4/200	24/220	6×4/240	24/220	6×4/240	
4.3 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	
4.4 Charger output current		A	36	36	36	36	36	36	36	36	36	36	36	
4.5 Control voltage		VDC	24	24	24	24	24	24	24	24	24	24	24	
Weight														
5.1 Overall weight		kg	2460	2460	2460	2460	2820	2820	2820	2820	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 light	Charging action interlock	Auto-protection on holes on the ground	Working strobe Warning light	Oil pipe explosion Proof system	Anti-pinch system	Standard transportation truck hold

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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ANHUI HELI CO., LTD.

Add / No.668, FangXing Road, Hefei, China

Fax / +86-551-63639966

Tel / +86-551-63639068(America); 63639258(Europe); 63639358(Asia);

63662105(Africa & Middle East); 63639530(Overseas Marketing)

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