

Manufacturer's Data and Design Characteristics

Manufacturer		HELI											
Model	Dimension	JS812	JS812Li	JS812E	JS812ELi	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	13.9
2.2 Max platform height	A2 m	8	8	8	8	10	10	10	10	11.9	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
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	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	2.60
2.6 Overall height (guardrail folded)	E 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
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	2.25x1.15
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	1.1
2.9 Extension size of platform	H m	1	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	95
2.11 Ground clearance (lifting state)	J mm	20	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	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	2/1	2/-	2/-	2/-	2/-
3.2 Rated capacity	kg	450	450	450	450	320	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	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	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	0-0.8
3.6 Min. turning radius (inside)	m	0	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	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	52/52
3.9 Max work slope (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°
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	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	400/200	400/0	400/0	400/0	400/0
3.12 Gradeability	%	30%	30%	30%	30%	25%	25%	30%	30%	25%	25%	30%	30%
Control type		Proportional control											
3.13 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
3.15 Brake		Dual rear wheels	Dual rear wheels	Dual rear wheels	Dual rear wheels	Dual rear wheels	Dual rear wheels	Dual rear wheels	Dual rear wheels	Dual rear wheels	Dual rear wheels	Dual rear wheels	Dual rear wheels
3.16 Tyre size	mm	381x129	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	3.3	3.3	3.3	3.3	3.3	4.5	4.5	3.3	3.3
4.2 Battery voltage/capacity	V/kh	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	24/220
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	100-240
4.4 Charger output current	A	36	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	24
5.1 Overall weight	kg	2460	2460	2460	2460	2820	2820	2820	2820	2950	2950	2950	2950

Standard configurations

Proportional control	Extension platform	Emergency stop device	Working timer	Emergency falling system	Automatic Brake system	Action buzzer	Repair safety arm
Manual brake release	Automatic fault diagnosis	Folding guardrail light	Auto-protection on holes on the ground	Working strobe warning light	Oil pipe explosion proof system	Anti-pinch system	Standard transportation on truck hole

Optional configurations

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

Rotary maintenance pallet	Auto-protection on holes on the ground	Strong climbing ability	Emergency falling and dual flashing warning lights	Split explosion proof valve
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