

**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                   | 13.9                 | 13.9                 | 13.9                 | 13.9                 |  |
| 2.2 Max.platform height                                 | A2  | m      | 8                    | 8                    | 8                    | 8                    | 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 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                 | 2.60                 | 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                 | 1.98                 | 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            |  |
| 2.8 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                | 52/52                | 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               | 0/0                  | 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              | 400/0                | 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              |  |
| 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   | 6×4/180              | 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              |  |
| 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 |
|----------------------|------------------------|--------------------------------|----------------------------|-----------------------|-----------------------|-------------------|---------------------|------------|



**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)

\* Our products are subject to Improvements and changes without notice.



LinkedIn



YouTube



Facebook

Design&Print:Fokell Printing 20220225

