

Model  
**NANO SP PLUS**  
LOW-LEVEL ACCESS



## Simply the most versatile Low-Level self-propelled platform

With a 4.50 m working height the SP Plus has a full 1.00 m cantilever deck and yet maintains a compact 1.2 x 0.75 m footprint. In addition a large 2.0 x 0.73 m platform area to work from and 1.5 m working outreach with cantilever extended.

The SP Plus has simple, intuitive joystick controls and at only 550 kg is able to work on raised access and other delicate flooring and be transported by small van or truck. The SP Plus is ideal for those applications where extra outreach from a very small footprint is required; retail, maintenance over machinery and numerous other restricted access applications.



### Key Features

- Large 2.0 m x 0.73 m platform size (cantilever extended)
- Fully self-propelled when elevated 4.5 m working height
- 1.0 m cantilever deck: 1.5 m working outreach
- Ultra-compact, only 1.2 m x 0.75 m footprint
- Simple intuitive joystick for all functions
- Only 550 kg, able to work on raised access flooring (Kingspan® approved)

### SELF-PROPELLED

Indoor & Outdoor use

**Working Height:** 4.50 m

**Applications:** Retail.

Maintenance over machinery.

Any application where up to 1,500 mm outreach is required.



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## Specifications

### OPERATING DIMENSIONS

|                                          |                                                     |
|------------------------------------------|-----------------------------------------------------|
| Maximum working height:                  | 4.50 m                                              |
| Maximum platform height:                 | 2.50 m                                              |
| Closed platform height:                  | 0.40 m                                              |
| Outreach cantilever deck to cage edge:   | 1.00 m                                              |
| Working outreach:                        | 1.50 m                                              |
| Basket dimensions:                       | 1.00 m x 0.73 m                                     |
| Basket dimensions, including cantilever: | 2.00 m x 0.72 m                                     |
| Working foot print:                      | 1.25 m x 0.75 m                                     |
| Safe working load - platform:            | 200 kg - main platform,<br>120 kg - cantilever deck |
| Maximum manual force:                    | 200 N                                               |
| Maximum gradient for operation:          | 1.0 degrees                                         |
| Maximum wind force:                      | 12.5 m/sec                                          |
| Maximum weight, including payload:       | 550 kg+200 kg = 750 kg                              |
| Maximum castor point load                | 240 kg (2.35 kN)                                    |
| Drive speed max.                         | 4.6 KpH                                             |
| Drive speed slow                         | 1.0 KpH                                             |
| Elevated Drive Speed:                    | 0.7 KpH                                             |
| Power Sound Level:                       | less than 70 dBa                                    |

### CLOSED DIMENSIONS

|         |        |
|---------|--------|
| Length: | 1.25 m |
| Width:  | 0.75 m |
| Height: | 1.59 m |
| Weight: | 550 kg |

### BATTERY CHARGER

|                |                 |
|----------------|-----------------|
| Input Voltage: | 110v or 230v AC |
| Frequency:     | 45-65Hz         |
| Output:        | 24V DC, 8A      |

### POWER SOURCE/DRIVE

Standard 24V DC Electric Motor. 24V,  
D.C. Motor/Gearbox drive

## Safety features

- Automatic pothole protection
- Tilt sensor complete with alarm and cut-out
- Automatic basket load sensing, with alarm and cut-out
- Automatic cantilever load sensing with alarm and cut-out



## IMPORTANT

JLG is continually researching and developing products and reserves the right to make modifications without prior notice. All data in this document is indicative. Certain options or country standards will increase weight. Specifications may change to meet country standards or with the addition of optional equipment.

Due to continuous product improvements, JLG Industries reserves the right to make specification and/or equipment changes without prior notification.



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