

Model
NANO SP
LOW-LEVEL ACCESS



The ultimate in Self-propelled, low-weight, Low-Level Access

The Nano SP provides the user with a tiny working footprint when manoeuvring of 1.22 m x 0.75 m (closed) and a large platform size of 1.50 m x 0.73 m (deck extended).

Typical use: Tiny footprint, maximum manoeuvrability with the advantage of a cantilever deck for outreach and extra platform size. M & E contractors, especially electrical installation work, pipe work, cleaning, painting, retail refit, retail and facilities maintenance where outreach is required.



Key Features

- Fully self-propelled, even when fully elevated
- Simple intuitive single joystick for all functions
- Zero turning radius
- 4.50 m Working Height
- Only 500 kg weight, able to work on raised access flooring (Kingspan® approved)
- Can be transported by standard 500 kg tail-lift vehicles
- Ultra compact only 1.22 m x 0.75 m footprint
- Large 1.50 m x 0.73 m platform size (cantilever extended).
- 0.50 m cantilever deck for outreach over obstructions
- Automatic pothole protection

SELF-PROPELLED

Indoor & Outdoor use

Working Height: 4.50 m

Applications: Pipe Work. M&E. Cleaning. Painting. Retail. FM. All applications where outreach is required from small footprint.

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Specifications

OPERATING DIMENSIONS

Maximum working height:	4.50 m
Maximum platform height:	2.50 m
Outreach cantilever deck to cage edge:	0.50 m
Basket dimensions:	1.00 m x 0.73 m
Basket dimensions, including cantilever:	1.50 m x 0.73 m
Working foot print:	1.22 m x 0.75 m
Safe working load - platform:	200 kg (1 person plus tools)
Maximum manual force:	200 N
Maximum gradient for operation:	1.0 degrees
Maximum wind force:	12.5 m/sec
Maximum weight, including payload:	500 kg + 200 kg = 700 kg
Maximum castor point load:	225 kg (2.2 kN)
Drive speed max.:	3.0 KpH
Drive speed slow:	1.0 KpH
Elevated Drive Speed:	0.7 KpH
Maximum Wheel force:	2.2 kN
Gradeability:	40%
Power Sound Level:	less than 70 dBa

CLOSED DIMENSIONS

Length:	1.22 m
Width:	0.75 m
Height:	1.59 m
Weight:	500 kg

BATTERY CHARGER SPECIFICATION

Input Voltage:	110v or 230v AC
Frequency:	45-65 Hz
Output:	24V DC, 7/8A

POWER SOURCE/DRIVE

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

Safety features

- Fail-safe hydraulic circuit complete with check valve on lift cylinder
- Automatic pothole protection on elevation
- Tilt sensor complete with alarm and cut-out
- Automatic basket load sensing, complete with alarm and cut-out
- Automatic elevated drive-speed reduction
- Emergency descent from basket and ground
- Audible ascent and descent drive alarm
- Amber flashing beacon
- Automatic dynamic parking brake



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.