



## The **Power Tower Nano SP Plus** is simply the most versatile low-level self-propelled platform available.

With a 4.5m working height the SP Plus has a full 1.0m cantilever deck and yet maintains an incredibly compact 1.2m x 0.75m footprint when closed. This combination provides the operator with the best of both worlds: tiny footprint for maximum manoeuvrability; large 2.0m x 0.73m platform area to work from and 1.5m working outreach with cantilever extended.

The SP Plus has simple, intuitive joystick controls and at only 540Kg 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 fridges/freezer, fixtures, shelving; over machinery in congested factories and numerous other restricted access applications.

- Large 2.0m x 0.73m platform size (cantilever extended)
- Fully self-propelled when elevated
- 4.5m Working Height
- 1.0m cantilever deck: 1.5m working outreach
- Ultra-compact, only 1.2m x 0.75m footprint
- Simple intuitive joystick for all functions
- Only 540kg, able to work on raised access flooring (Kingspan approved)



**Rated for Indoor and Outdoor use**

## SPECIFICATIONS

### OPERATING DIMENSIONS

Maximum working height:	4.50m
Maximum platform height:	2.50m
Closed Platform Height:	0.39m
Outreach with cantilever deck to cage edge	1.00m
Working Outreach:	1.50m

Basket dimensions:	1.00m x 0.73m
Basket dimensions with cantilever:	2.00m X 0.72m
Basket dimensions without cantilever:	1.00m x 0.73m
Working footprint:	1.20m x 0.75m
SWL:	200kg on main platform, 120kg on cantilever deck.
Maximum manual force:	200 N
Max. gradient for operation:	1.8°
Max. wind force:	12.5 m/sec
Maximum weight Inc payload:	540kg + 200kg = 740 kgs
Maximum castor point load	210 kgs (2.10 kN)
Drive Speed Max.	4.6 KpH
Drive Speed Slow	0.7 KpH

### CLOSED DIMENSIONS

Length:	1.20m
Width:	0.75m
Height:	1.59m
Weight:	540kgs

### POWER SOURCE/DRIVE

Standard 24v DC Electric Motor  
24V D.C. Motor/Gearbox Drive

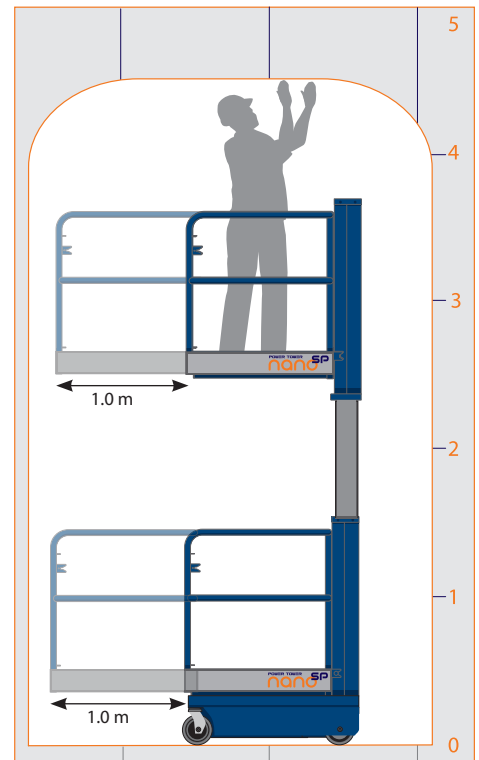
### BATTERY CHARGER SPECIFICATION

Input Voltage:	90-265V AC
Frequency:	45-65 Hz
Output:	24V DC, 8A

### 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 cantilever 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.

As with all Power Tower products, Power Tower Nano SP is CE marked and complies fully with EN280 and relevant European machinery directives.



This data sheet is intended as a guide only and as such is not legally binding, nor does it form part of any contract.  
All dimensions are approximate.