



## Welcome to Power Tower Nano SP

the ultimate in self-propelled, low weight, low-level access.

Step into the platform, drive into position, elevate, drive when elevated. Simple. Safe. Efficient.

Power Tower Nano SP provides the user with a tiny working footprint when maneuvering of 1.2m x 0.75m (closed) and a large platform size of 1.5m x 0.72m (deck extended).

No climbing platform steps, podiums or erecting scaffold towers, quicker and easier than push around powered platforms. When the application calls for speed and efficiency safely, the Nano Self-Propelled is the logical choice.

Power Tower Nano SP is low weight so can be used on raised access flooring and is easy to transport.

- Fully self-propelled, even when fully elevated
- Rated for Indoor and Outdoor use
- Simple intuitive single joystick for all functions
- Extremely manoeuvrable, zero turning radius 4.5m Working Height
- Only 478kg weight, able to work on raised access flooring (Kingspan Approved)
- Can be transported by standard 500kg tail-lift vehicles
- Ultra compact only 750mm x 1200mm footprint
- Large 1500mm x 700mm platform size (cantilever extended)
- 500mm cantilever deck for outreach over obstructions
- Automatic pothole protection



## 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:	0.50m
Basket dimensions:	1.00m x 0.73m
Basket dimensions with cantilever:	1.50m X 0.72m
Basket dimensions without cantilever:	1.00m x 0.73m
Working footprint:	1.20m x 0.75m
Safe working load:	200 kgs (1 person plus tools)
Maximum manual force:	200 N
Max. gradient for operation:	1.8°
Max. wind force:	12.5 m/sec
Maximum weight inc payload:	478kg + 200kg = 678 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:	478kgs

### 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 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.

