

# nano<sup>SP</sup>

## 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 1.22m x 0.75m (closed) and a large platform size of 1.5m x 0.73m (deck extended).

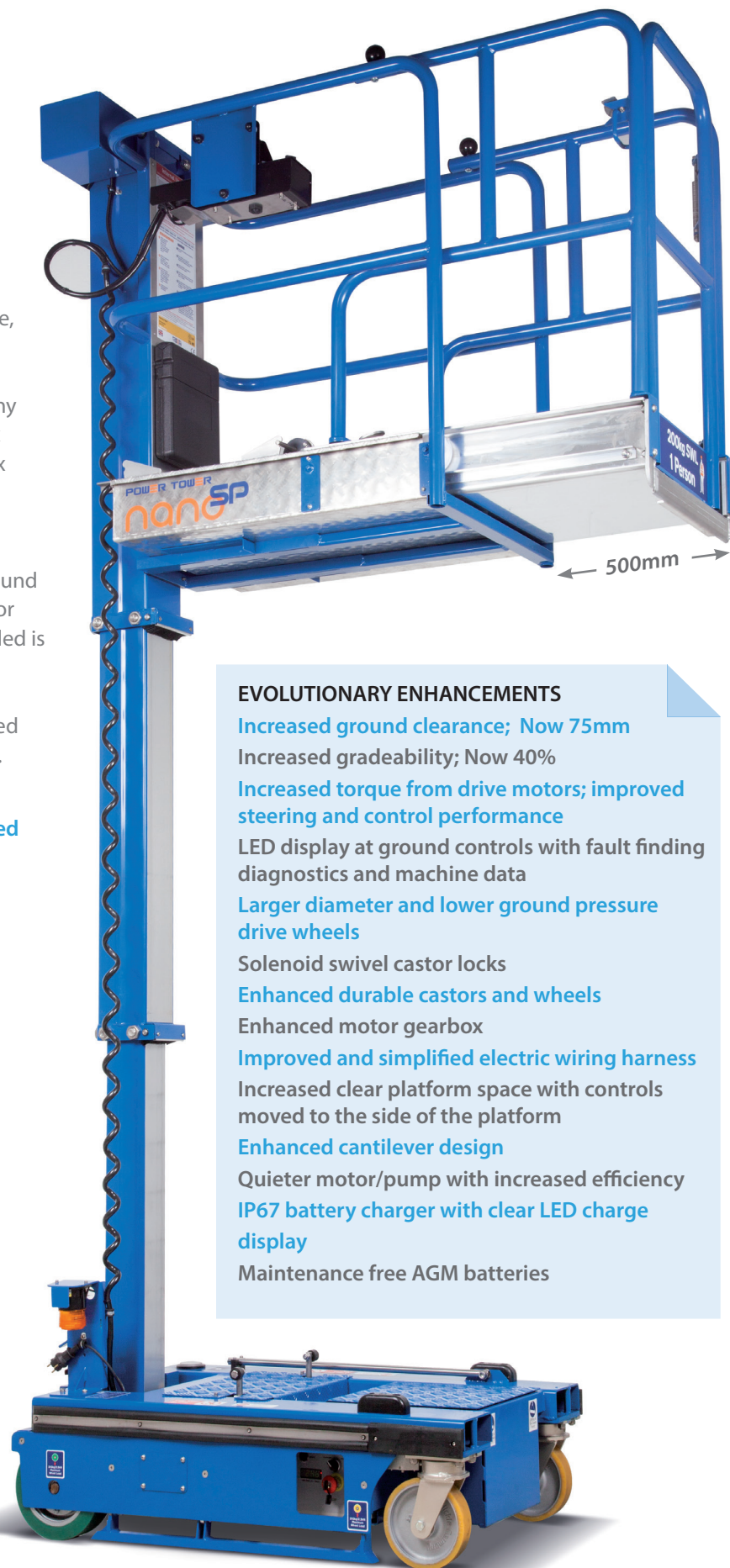
No climbing platform steps, podiums or erecting scaffold towers, quicker and easier than push around powered platforms. When the application calls for speed and efficiency safely, the Nano Self-Propelled is the logical choice.

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
- Simple intuitive single joystick for all functions
- Zero turning radius
- 4.5m Working Height
- Only 500kg weight, able to work on raised access flooring (Kingspan Approved).
- Can be transported by standard 500kg tail-lift vehicles
- Ultra compact only 750mm x 1220mm footprint
- Large 1500mm x 730mm platform size (cantilever extended)
- 500mm cantilever deck for outreach over obstructions
- Automatic pothole protection

**POWER TOWERS**  
Low-level Powered Access  
a JLG company

Rated for Indoor and Outdoor use



### EVOLUTIONARY ENHANCEMENTS

Increased ground clearance; Now 75mm

Increased gradeability; Now 40%

Increased torque from drive motors; improved steering and control performance

LED display at ground controls with fault finding diagnostics and machine data

Larger diameter and lower ground pressure drive wheels

Solenoid swivel castor locks

Enhanced durable castors and wheels

Enhanced motor gearbox

Improved and simplified electric wiring harness

Increased clear platform space with controls moved to the side of the platform

Enhanced cantilever design

Quieter motor/pump with increased efficiency

IP67 battery charger with clear LED charge display

Maintenance free AGM batteries

### OPERATING SPECIFICATIONS

Maximum working height:	4.50 m
Maximum platform height:	2.50 m
Outreach with cantilever deck to cage edge:	0.50 m
Basket dimensions:	1.00 m x 0.73 m
Basket dimensions with cantilever:	1.50 m x 0.73m
Basket dimensions without cantilever:	1.00m x 0.73m
Working footprint:	1.22 m x 0.75 m
Safe working load:	200 kgs (1 person plus tools)
Maximum manual force:	200 N
Max. gradient for operation:	0°
Max. wind force:	12.5 m/sec
Maximum weight Inc payload:	500kg + 200kg = 700 kgs
Maximum castor point load	210 kgs (2.10 kN)
Drive Speed Max.:	3.0 KpH
Drive Speed Slow:	1.0 KpH
Elevated Drive Speed:	0.7 KpH
Max. Wheel force:	2.2 kN
Gradeability:	40%
<b>Closed Dimensions</b>	
Length:	1.22 m
Width:	0.75 m
Height:	1.59 m
Weight:	500 kgs

### Power Source/Drive

Standard 24v DC Electric Motor:  
24v DC Motor/Gearbox Drive:

### Battery Charger Specification

Input Voltage:	180-265v AC
Frequency:	45-65 Hz
Output:	24V DC, 7/8A

Emission EN 55014N, EN 61000 – 3 – 2

Power Sound Level: Less than 70dba

### 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 marked and complies fully with EN280 and relevant European machinery directives.

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