

	PowerTower	830P	830SP zero	830SPE	830SP plus
Maximum working height	5.10 m	4.50 m	4.50 m	4.50 m	4.50 m
Maximum platform height	3.10 m	2.50 m	2.50 m	2.50 m	2.50 m
Closed platform height	X	0.36 m	0.36 m	0.40 m	0.39 m
Outreach cantilever deck to cage edge	—	—	—	0.50 m	1.00 m
Working outreach	—	—	—	1.15 m	1.65 m
Platform dimensions	1.52 m x 0.75 m	1.00 m x 0.73 m	1.00 m x 0.73 m	1.00 m x 0.73 m	1.00 m x 0.73 m
Basket dimensions, including cantilever	—	—	—	1.50 m x 0.73 m	2.00 m x 0.72 m
Working foot print	1.60 m x 0.78 m	1.195 m x 0.75 m	1.20 m x 0.75 m	1.22 m x 0.75 m	1.20 m x 0.75 m
Safe working load	250kg	200 kg (1 person plus tools)	200 kg (1 person plus tools)	200 kg (1 person plus tools)	200 kg - main platform, 120kg - cantilever deck
Maximum manual force	200 N	200 N	200 N	200 N	200 N
Maximum gradient for operation	0°	0°	1.8°	0°	1.8°
Maximum wind force	0 m/s	0 m/s	12.5 m/sec	12.5 m/sec	12.5 m/sec
Drive speed max	—	—	4.6 KpH	3.0 KpH	4.6 KpH
Drive speed slow	—	—	0.7 KpH	1.0 KpH	0.7KpH
Elevated Drive Speed	—	—	—	0.7 KpH	—
Maximum Wheel force	2.9 kN	1.77 kN	2.11 kN	2.2 kN	2.1 kN
Gradeability	—	—	30%	40%	30%
Power Sound Level	?	Less than 70dba	Less than 70dba	Less than 70dba	Less than 70dba
Closed Length	1.60 m	1.195 m	1.20 m	1.22 m	1.20 m
Closed Width	0.78 m	0.75 m	0.75 m	0.75 m	0.75 m
Closed Height	1.85 m	1.56 m	1.59 m	1.59 m	1.59 m
Closed Weight	342 kg	285 kg	456 kg	500 kg	540 kg
Battery	12V 105A	12V 105A	2x12V 105A	2x12V AGM	2x12V 105A
Input Voltage	90-265 V AC	90-265 V AC	90-265 V AC	180-265 V AC	90-265V AC
Frequency	45-65 Hz	45-65 Hz	45-65 Hz	45-65 Hz	45-65 Hz
Output	12V DC, 7A	12V DC, 7A	24VDC, 7A	24V DC, 7/8A	24VDC, 8A
Power Source/Drive	12V DC Electric Motor / -	12V DC Electric Motor / -	24-V-DC-Electric Motor 24-V-DC-Motor/ Gearbox drive	24-V-DC-Electric Motor 24-V-DC-Motor/ Gearbox drive	24-V-DC-Electric Motor 24-V-DC-Motor/ Gearbox drive

	PowerTower	830P	830SP zero	830SPE	830SP plus
Controls	Simple push button basket controls.	Simple push button heavy duty pendant controls for ground and platform.	Simple intuitive joystick controls for 360° smooth manoeuvrability.	Simple intuitive joystick controls for 360° smooth manoeuvrability.	Simple intuitive joystick controls for 360° smooth manoeuvrability.
Construction	Heavy duty fabricated steel superstructure, stainless steel bushed pivots, tough powder coated finish.	Heavy duty fabricated steel superstructure, stainless steel bushed pivots and 2 stage mast with Ultra-Glide technology. Tough powder coated finish.	Heavy duty fabricated steel superstructure, stainless steel bushed pivots and 2 stage mast with Ultra-Glide technology. Tough powder coated finish.	Heavy duty fabricated steel superstructure, stainless steel bushed pivots and 2 stage mast with Ultra-Glide technology. Tough powder coated finish.	Heavy duty fabricated steel superstructure, stainless steel bushed pivots and 2 stage mast with Ultra-Glide technology. Tough powder coated finish.
Safety	CE marked, complies with applicable European legislation including Machinery Directive using the EN280 design standard. Full fail-safe hydraulics, automatic locking wheels.	CE marked, complies with applicable European legislation including Machinery Directive using the EN280 design standard. Full fail-safe hydraulics, automatic locking wheels.	CE Compliant according to EN280, Fail-safe hydraulic circuit complete with check valve on lift cylinder, built in pothole protection, tilt sensor with alarm and cut-out, auto basket overload cut-out, auto elevated drive-speed reduction, auto parking brake, emergency decent from basket- and ground controls.	CE Compliant according to EN280, Fail-safe hydraulic circuit complete with check valve on lift cylinder, built in pothole protection, tilt sensor with alarm and cut-out, auto basket overload cut-out, auto elevated drive-speed reduction, auto parking brake, emergency decent from basket- and ground controls, solenoid swivel castor locks.	CE Compliant according to EN280, Fail-safe hydraulic circuit complete with check valve on lift cylinder, built in pothole protection, tilt sensor with alarm and cut-out, auto basket overload cut-out, auto elevated drive-speed reduction, auto parking brake, emergency decent from basket- and ground controls.
Options	Tilt alarm c/w auto cut-out. Narrow basket for suspended ceiling grid access. Pipe carrying kit (max 2" pipe). Tool tray. Foam buffer kit.	Tilt alarm with auto cut out. Protective storage cover.	Trojan wet batteries.	Trojan wet batteries.	Trojan wet batteries.

JLG Model Power Tower

