



## Atlas USA | Pro 5500.SS

### TECHNICAL DATA

CAPACITY	Standard	Metric
Safe working load	5000 lbs	2275 kg
Erection load capacity	1350 lbs	550 kg
Number of Passengers	25	25
Rated speed at 60 Hz	0 - 135 fp	0 - 40 m/m
Maximum operating height	500 ft	155 m
Tie spacing min./ max.	25 – 30 ft	7.6 – 9.4 m
Maximum free standing	15 ft	4.5 m
Mast section length	59.37 in	1508 mm

### WEIGHTS

Car with ground frame excluding motor system	3860 lbs	1750 kg
Drive Motor system	1850 lbs	840 kg
Mast section w/o rack	185 lbs	84 kg
Rack section	55 lbs	25 kg

### DIMENSIONS

Internal width x length	45 in x 13'4" ft	1.14 m x 4.07 m
Internal height	9 ft	2.5 m
External width x length	8.53 x 14.76 ft	2.6 x 4.5 m

### ELECTRICAL

Power distribution	Variable frequency drive, 75 hp, Smart System
Power supply	480V, 60 Hz, 3-phase
Power consumption	45 kVA; 150 kVA
Starting amperage (480V)	150 amp
Power supply fuses	80 amp slow or 100 amp

### GENERAL

Max. winds during use	45 mph (8 Beaufort)
Sound level	<70 dB
Mast bolts	M20 x 200mm – 8.8
Tightening Torque	205 ft/lbs
Foundation min. bearing	30 psi
Ground supports bearing	285 psi