

LONDON TOWER CRANES

2. TECHNICAL SPECIFICATIONS

2.1 Technical characteristics – dimensions and weight

Table 1: Features of SAECLIMBER P40-S work platform

PLATFORM TYPE	TWIN MAST SAECLIMBER P40S		SINGLE MAST SAECLIMBER P40S	
	metric	imperial	metric	imperial
Maximum height	150 m	495 ft	150 m	495 ft
Maximum total capacity	6500Kg	14350 lb	3300 kg	7280 lb
Maximum distance from ground to first anchoring	7 m	23 ft	7 m (max)	23 ft (max)
Maximum distance between anchors - after the first one	9 m	29,5 ft	9 m	29,5 ft
Max overhang distance	4,5 m	14,8 ft	4,5 m	14,8 ft
Maximum length of working area	32 m	105 ft	12 m	105 ft
Width of working area (m - ft)	1,3	4,3	1,3	4,3
Maximum extension towards wall (m - ft)	1	3,3	1	3,3
long beam (m - ft)	1,5	4,9	1,5	4,9
short beam (m - ft)	1	3,3	1	3,3
Motor power ref.	4x4,8 Kw		2x4,8 Kw	
Elevation speed	7 m/min	22,9 ft/min	7 m/min	22,9 ft/min
Number of persons (capacity)	5		4	
Geared motor electrical consumption (A)	4 x 10,2 A		2 x 10,2 A	
Consumption upon elevation start (A)	4 x 17 A		2 x 17 A	
Power supply	400 V - 50 Hz			
Maximum allowed wind speed in service – w/o anchors	12,5 m/seg - 45 Km/h - 28 mph			
Maximum allowed wind speed in service	15.5 m/seg – 55,8 Km/h / 34,7mph			
Maximum force against rails	90 daN			
Maximum wind speed during assembly/disassembly	12,5 m/seg - 45 Km/h - 28 mph			
Maximum wind speed when out of service until 20m – 65 6ft	35,8 m/seg – 128,88 Km/h - 80,08 mph			
Maximum wind speed when out of service (to >20m until 100m – >65,6ft until 328ft)	42 m/seg – 151,2 Km/h - 93,95 mph			
Maximum wind speed when out of service (higher than 100m – 328ft)	45,9 m/seg – 165,24 Km/h - 102,67 mph			
Leq Acoustic level	60 dB(A)			

***Total capacity includes people. Check chapters 2.2 and 2.3 for further information**