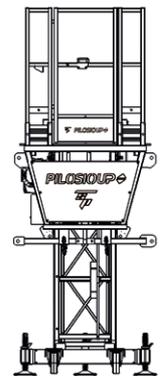
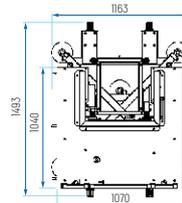
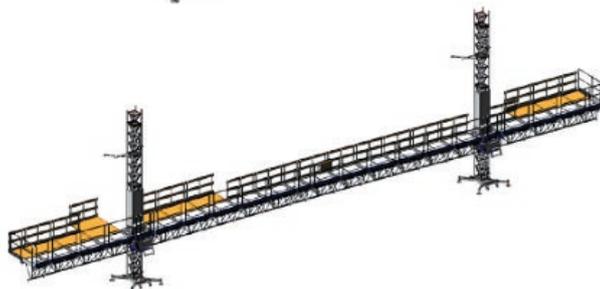
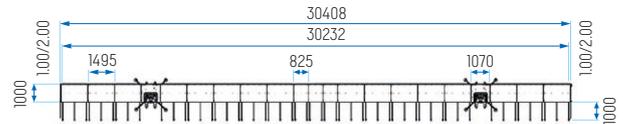
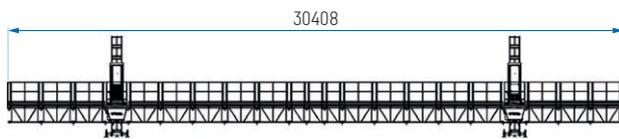


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TECHNICAL, DATA DIMENSIONS, LOAD CAPACITIES	SINGLE MAST	TWIN MAST	SINGLE MAST	TWIN MAST
	US	US	EU	EU
Lifting speed	26.24 ft/min	26.24 ft/min	8 m/min	8 m/min
Number of allowed people	2	4	2	4
Max. dimensions of the loading platform	33.12x3.28x3937 ft	99.08x3.28x393.7 ft	10.1x1x120 m	30.2x1x120 m
Weight of the loading platform	176.37 lb/ft	176.37 lb/ft	80 Kg/m	80 Kg/m
Baseframe dimensions	5.82x 5.82x0.98 ft	5,82x 5.82x0.98 ft	1.775x1.775x0.3 m	1.775x1.775x0.3 m
Length of standard platform extensions	3,28 ft	3,28 ft	1 m	1 m
Length of optional platform extensions	5,9 ft	5,9 ft	1,8 m	1,8 m
Max. nominal load on extensions	440,9 lb	881,8 lb	200 Kg	400 Kg
Dimensions of mast section	1.64x1.64x4.88 ft	1.64x1.64x4.88 ft	0.5x0.5x1.49 m	0.5x0.5x1.49 m
Weight of mast section	132.28 lb	132.28 lb	60 Kg	60 Kg
Max. nominal load *	661.4 lb	1322.8	300 Kg	600 Kg
Number of motors	1	2	1	2
Dimensions of lifting group	3.49x3.28x5.90 ft	3.49x3.28x5.90 ft	1.065x1x1.8 m	1.065x1x1.8 m
Weight of base unit	1168.4 lb	1168.4 lb	530 Kg	530 Kg
Min. height of the platform from the ground	3.60 ft	3.60ft	1.1 m	1.1 m
Tie distance	19.68 ft	19.68 ft	6 m	6 m
Max. height with tied mast	393.7 ft	393.7 ft	120 m	120 m
Reachable height after the last mast section	6.56 ft	6.56 ft	2 m	2 m

\*depending on configuration



ELECTRICAL DATA SELF-BRAKING GEARED MOTOR	SINGLE PHASE	THREE PHASE
Power of motors	1x3.7 KW	2x3.7 KW
Supply voltage	400 V	400 V
Power supply frequency	50 Hz	50 Hz
Recommended minimum power	6 kW	8 kW
Max. inrush current	51 A	102 A
Max. inrush current with inverter	21 A	42 A
Voltage output for tools on the platform	230 V	230 V
Power supply for portable tools	16 A	16 A

CALCULATION OF FOUNDATION LOAD						
Data	Element	US	EU	Data	Element	Weight
(A)	Mast section	132.28 lb	60 Kg	(Z)	Nominal load	Depending on configuration
(B)	Weight of work platform elements	578.5 lb/ft	80 Kg/m	(X)	Height of the mast	Depending on configuration
(C)	Height of the mast section	4.92 ft	1.5 m	(Y)	Length of the platform	Depending on configuration
(D)	Weight of the base unit	1168.4 lb	530 Kg			

FORMULA FOR BI-COLUMN CALCULATION:  $Q = X/C \cdot A + (Y-2) \cdot B/2 + Z/2 + D$   
 FORMULA FOR SINGLE-COLUMN CALCULATION:  $Q = X/C \cdot A + (Y-1) \cdot B + Z + D$