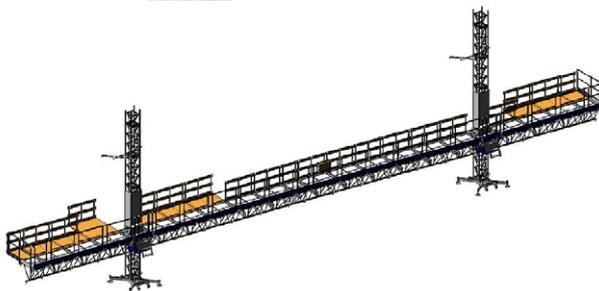
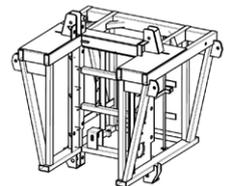
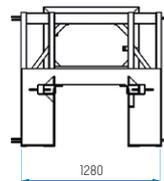
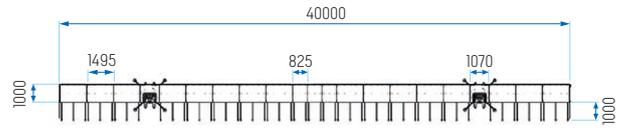
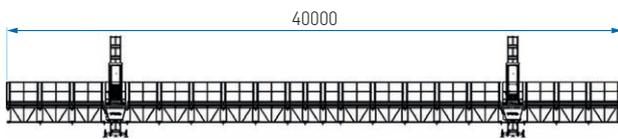


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TECHNICAL DATA	SINGLE MAST	TWIN MAST	SINGLE MAST	TWIN MAST
	US	US	EU	EU
Lifting speed	29.52 ft/min	29.52 ft/min	9 m/min	9 m/min
Number of allowed people	2	4	2	4
Max. dimensions of the loading platform	44.61x4.10x492.13 ft	131.23x4.10x492.13 ft	13.6x1.25x150 m	40x1.25x150 m
Weight of the loading platform	831.6 lb/ft	831.6 lb/ft	115 Kg/m	115 Kg/m
Baseframe dimensions	4.92x4.92x0.98 ft	4.92x4.92x0.98 ft	1.5x1.5x0.30 m	1.5x1.5x0.3 m
Length of standard platform extensions	3.28 ft	3.28 ft	1 m	1 m
Length of optional platform extensions	5.90 ft	5.90 ft	1.8 m	1.8 m
Max. nominal load on extensions	529.1 lb	881.8 lb	240 Kg	400 Kg
Dimensions of mast section	2.13x2.13x4.79 ft	2.13x2.13x4.79 ft	0.65x0.65x1.46 m	0.65x0.65x1.46 m
Weight of mast section	176.37 lb	176.37 lb	80 Kg	80 Kg
Max. nominal load *	2866 lb	6614 lb	1300 Kg	3000 Kg
Number of motors	2	4	2	4
Dimensions of lifting group	4.19x4.10x7.28 ft	4.19x4.10x7.28 ft	1.28x1.25x2.22 m	1.28x1.25x2.22 m
Weight of base unit	1653.5 lb	1653.5 lb	750 Kg	750 Kg
Min. height of the platform from the ground	4.92 ft	4.92 ft	1.5 m	1.5 m
Tie distance	19.68 ft	19.68 ft	6 m	6 m
Max. height with tied mast	492.13 ft	492.13 ft	150 m	150 m
Reachable height after the last mast section	0 ft	0 ft	0 m	0 m

*depending on configuration



ELECTRICAL DATA SELF-BRAKING GEARED MOTOR	SINGLE PHASE	THREE PHASE
	Power of motors	2x3.7 KW
Supply voltage	400 V	400 V
Power supply frequency	50 Hz	50 Hz
Recommended minimum power	8 kW	8 kW
Max. inrush current	78 A	156 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	176.37 lb	80 Kg	(Z)	Nominal load	Depending on configuration
(B)	Weight of work platform elements	831.6 lb/ft	115 Kg/m	(X)	Height of the mast	Depending on configuration
(C)	Height of the mast section	4.79 ft	1.46 m	(Y)	Length of the platform	Depending on configuration
(D)	Weight of the base unit	1653.50 lb	750 Kg			

FORMULA FOR THE CALCULATION OF TWIN MAST CONFIGURATION: $Q = X/C \cdot A + (Y-2) \cdot B/2 + Z/2 + D$
 FORMULA FOR THE CALCULATION OF SINGLE MAST CONFIGURATION: $Q = X/C \cdot A + (Y-1) \cdot B + Z + D$