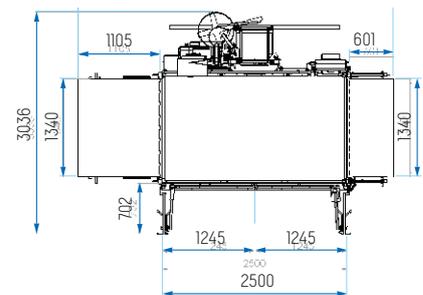
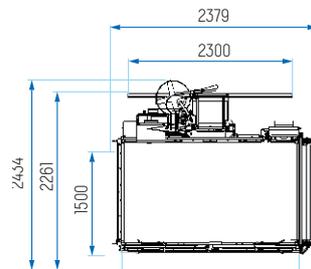
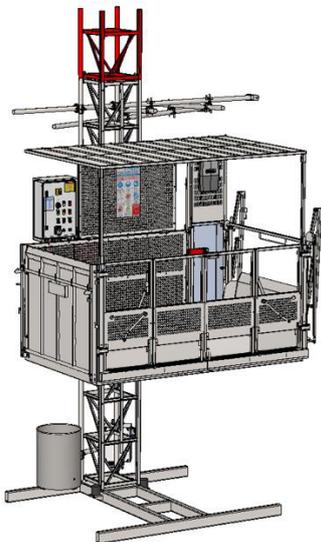


**PT 1600**



TECHNICAL DATA, DIMENSIONS, LOAD CAPACITIES	PT 1600 T	PT 1600 TD	PT 1600 T	PT 1600 TD
	US	US	EU	EU
Load capacity	3527.4 lb	3527.4 lb	1600 Kg	1600 Kg
Lifting speed	39.37 ft/min	39.37-78.74* ft/min	12 m/min	12-24* m/min
Number of allowed people	7	7-0*	7	7-0*
Cage size	8.20x4.92 ft	8.20x4.9 ft	2.50x1.50 m	2.50x1.50 m
Baseframe dimensions	7.54x6.46 ft	7.54x6.46 ft	2.30x1.97 m	2.30x1.97 m
Weight of the cable collector with 34m/111.55 ft	110.23 lb	110.23 lb	50 Kg	50 Kg
Base unit	2837.3 lb	2837.3 lb	1.287 Kg	1.287 Kg
Dimensions of mast section	1.64x1.64x4.88 ft	1.64x 1.64x4.88 ft	0.50x0.50x1.49 m	0.50x0.50x1.49 m
Weight of mast section	132.28 lb	132.28 lb	60 Kg	60 Kg
Loading ramp dimensions	4.39x0.13x2.03 ft	4.39x0.13x2.03 ft	1.34x0.04x0.62 m	1.34x0.04x0.62 m
Unloading ramp dimensions	4.39x0.59x1.96 ft	4.39x0.59x1.96 ft	1.34x0.8x0.60 m	1.34x0.8x0.60 m
Erection ramp size	4.39x0.59x1.96 ft	4.03 1.34x0.49 ft	1.34x0.18x0.60 m	1.23x0.41x0.15 m
Minimum height of the platform from the ground	1.14 ft	1.14 ft	0.35 m	0.35 m
Tie distance	19.68 ft	19.68 ft	6 m	6 m
Max. lifting height with tied mast	393.7 ft	393.7 ft	120 m	120 m
Possible overhang	4.92 ft	4.92 ft	1.50 m	1.50 m
Weight of the roof	88.18 lb	88.18 lb	40 Kg	40 Kg

\* to transport material only

ELECTRICAL DATA SELF-BRAKING GEARED MOTOR	PT 1600 T	PT 1600 TD
Inverter	✓	✓
Power of motors	2x4 kW	2x4 kW
Minimum recommended power	9 kW	12 kW
Maximum inrush current	30 A	64 A
Supply voltage	230 V	400 V
Supply frequency	50 Hz	50 Hz
Output voltage for platform tools	230 V	230 V
Socket current for portable tools (assembling only)	16 A	16 A
Electrical cable cross-section (up to 196.85 ft)	3G4+0.006x0.016x0.0049	5G4+0.006x0.016x0.0049

CALCULATION OF FOUNDATION LOAD	ELEMENT	WEIGHT	
		US	EU
(A)	Base unit	2837.3 lb	1.287 kg
(B)	Mast section	288.8 lb/ft	40 kg/m
(C)	Rated load	3527.4 lb	1600 kg

FORMULA FOR CALCULATION: Q= A + (h x B) + C