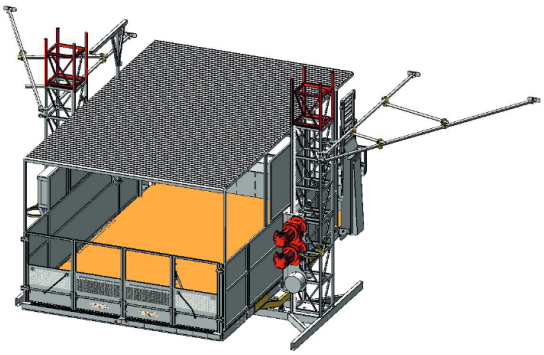
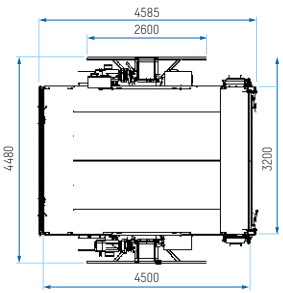
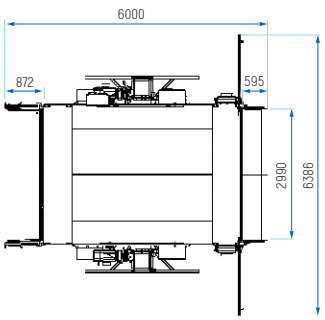
PT 3500 Twin







TECHNICAL DATA, DIMENSIONS, LOAD CAPACITIES	PT 3500 T US	PT 3500 TD US	PT 3500 T EU	PT 3500 TD EU
Load capacity	7716 lb	7716 lb	3.500 Kg	3.500 Kg
Lifting speed	39.37 ft/min TD	39.37-78.74* ft/min TD	12 m/min TD	12-24* m/min TD
Number of allowed people	8	8-0*	8	8-0*
Cage size	10.49x14.76 ft	10.49x14.7 ft	3,20x4,50 m	3,20x4,50 m
Baseframe dimensions	14.76x15.74 ft	14.76x15.74 ft	4,50x4,80 m	4,50x4,80 m
Weight of the cable collector with 30m/98.42 ft	110.23 lb	110.23 lb	50 Kg	50 Kg
Base unit	5622 lb	5622 lb	2.550 Kg	2.550 Kg
Dimensions of mast section	1.64x1.64x4.88 ft	1.64x1.64x4.88 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	10.17x0.59x3.60 ft	10.17x0.59x3.60ft	3.10x0.18x1.10 m	3,.10x0.18x1.10 m
Unloading ramp dimensions	9.84x0.59x1.96 ft	9.84x0.59x1.96 ft	3.00x0.18x0.60 m	3.00x0.18x0.60 m
Erection ramp size	4.03x1.34x0.49 ft	4.03x1.34x0.49 ft	1.23x0.41x0.15 m	1.23x0.41x0.15 m
Minimum height of the platform from the ground	2.29 ft	2.29 ft	0.70 m	0.70 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	224.87 lb	224.87 lb	102 Kg	102 Kg

* for transporting materials only
** also available with basket dimensions **10.49x9.84 - 9.84x16.40 ft / 3,20x3,00 - 3,20x5,00 m**

ELECTRICAL DATA SELF-BRAKING GEARED MOTOR	PT 3500 T	PT 3500 TD
Inverter	✓	✓
Power of motors	4x5.5 kW	4x5.5 kW
Minimum recommended power	30 kW	30 kW
Maximum inrush current	40 A	40 A
Supply voltage	400 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 60 m/196.85 ft)	5G 0.032	5G 0.032

CALCULATION OF FOUNDATION LOAD	ELEMENT	WEIGHT	
Data	Element	US	EU
(A)	Base unit	5622 lb	2.550 kg
(B)	Mast section	288.8x2 lb/ft	40x2 kg/m
(C)	Rated load	78044 lb	3.500 kg

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