

4. TECHNICAL DATA AND FEATURES

4.1. TECHNICAL FEATURES OF THE MACHINE









Tab. 4.1-1 Dimensions and weight of the machine (default configuration)			
height	H	1280 mm	
width	A	900 mm	
length	L	1560 mm	
weight	300 Kg without default batteries without optional ballasts		
	428 Kg with default batteries without optional ballasts		

Tab. 4.1-2 Dimensions and weight of the machine (TT-1000-02 configuration, first model)			
height	H	1280 mm	
width	A	900 mm	
length	L	1760 mm	
weight	390 Kg without default batteries without optional ballasts		
	520 Kg with default batteries without optional ballasts		

Tab. 4.1-3 Technical data			
		TT-3000	TT-3000P
Power circuit voltage	V	24 DC	24 DC
Control circuit voltage	V	24 DC	24 DC
Recharge voltage	V	110 - 230	110 - 230
Motor power	W	3000	3000
Controller current	A	250	335
Battery power	Ah	144	144
No. of batteries		4	4
Autonomy without load	hours	4	4
Complete battery recharge time	hours	8	8
IP protection degree	IP	44	44

TRANSLATION OF THE ORIGINAL INSTRUCTIONS
THIS MANUAL IS PROPERTY OF ALITRAK S.r.l. - ANY TOTAL OR PARTIAL REPRODUCTION IS STRICTLY FORBIDDEN


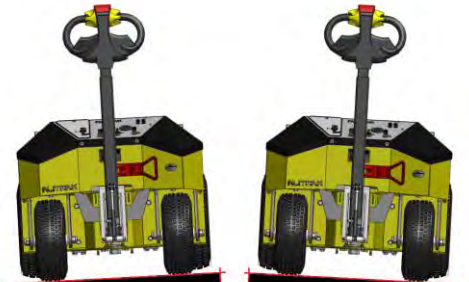
Tab. 4.1-4 Mechanical data

		TT-3000				TT-3000P			
Motor type		AC				AC			
Power	kW	3,0				3,0			
Motor rated speed	rpm	2700				2700			
Reduction gear ratio		1:56				1:56			
Forward speed	Km/h	4		2,5		4		2,5	
Backward speed	Km/h	3		1,5		3		1,5	
Drawbar pull at coupling hook	N	4600				6300			

4.2. PERMITTED SLOPES

In the following chart are described the permitted slopes of the ground where machine and towed equipment are based.

Tab.4.2-1 Permitted slopes

Maximum slope in forward/backward direction	5% (~3°)	
Maximum lateral slope	5% (~3°)	

7.2.3. Tow engaging

The tow attachment interface permits to apply the towing hook at four different height from ground (position 1, 2, 3 and 4 shown in Fig.7.2.3-1). The passage area of the hook through the interface is a rectangle of 50x70 as shown in the Fig.7.2.3-2.

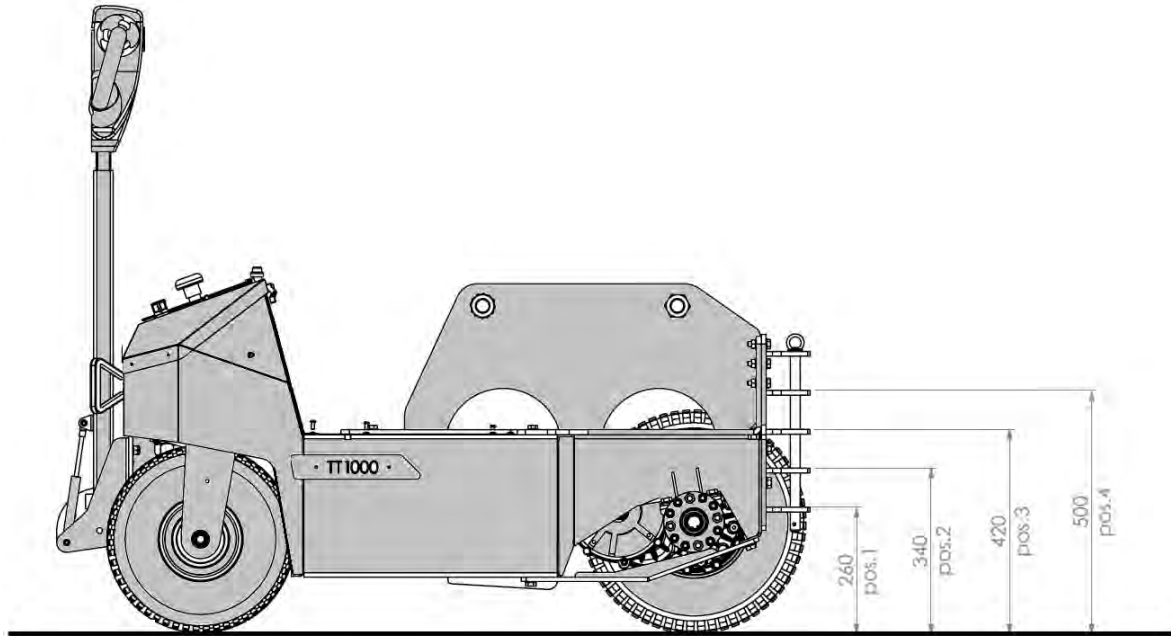


Fig.7.2.3-1 Different heights from ground for towing hook [mm]

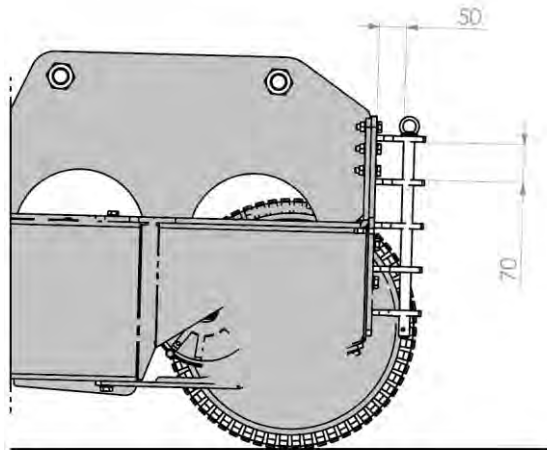


Fig.7.2.3-2 Passage area for towing hook [mm]