TECNA CAR

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VTA 305 / 306

VTA 307 / 308 / 309 / 310

Electric Tow Tractors
VTA 300 Series

Indoor and outdoor electrical vehicles

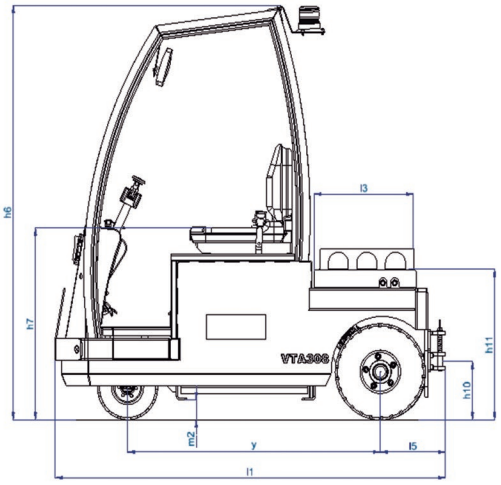
Technical Data (according to VDI 2198)

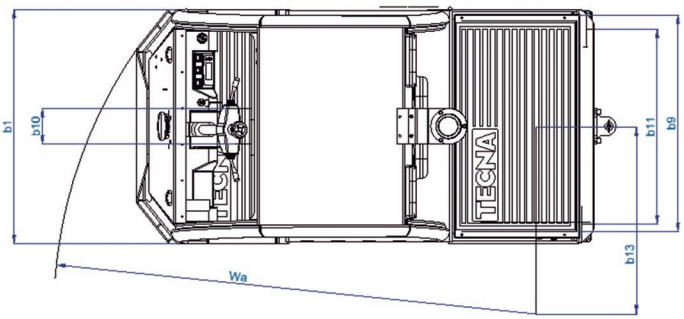
Characteristics	1.1	Manufacturer	-	Tecnacar						1.1
	1.2	Models	-	**VTA 305**	**VTA 306**	**VTA 307**	**VTA 308**	**VTA 309**	**VTA 310**	1.2
	1.3	Drive	-	Eléctric						1.3
	1.4	Operator position	-	Seated						1.4
	1.5	Load capacity/Rated load	Kg	5000	6000	7000	8000	9000	10000	1.5
	1.7	Rated drawbar pull	N	1000(1)	1200(1)	1400(1)	1600(1)	1800(1)	2000(1)	1.6
	1.9	Wheelbase	y (mm)	1048	1048	1268	1268	1268	1268	1.9
Weight	2.1	Service weight	Kg	1027	1046	1335	1436	1524	1600	2.1
	2.2	Axle loading, laden front/rear	Kg	…..	…..	…..	…..	…..	…..	2.2
	2.3	Axle loading, unladen front/rear	Kg	495/532	495/551	629/706	677/759	719/805	754/845	2.3
Wheels and Tires	3.1	Tyres: SE=Superelastic, N=Pneumatic	-	SE	SE	SE	SE	SE	SE	3.1
	3.2	Tyre size, front	-	4. 00 4	4. 00 4	4. 00 4	4. 00 4	4. 00 4	4. 00 4	3.2
	3.3	Tyre size, rear	-	5.00-8	18 x 7 - 8	18 x 7 - 8	18 x 7 - 8	18 x 7 - 8	18 x 7 - 8	3.3
	3.5	Wheels number front/rear (x=driven wheels)	-	2 / 2 x	2 / 2 x	2 / 2 x	2 / 2 x	2 / 2 x	2 / 2 x	3.5
	3.6	Tread, front	b_{10} (mm)	146	146	146	146	146	146	3.6
	3.7	Tread, read	b_{11} (mm)	808	808	808	808	808	808	3.7
Dimensions	4.7	Height of overhead guard (cabin)	h6 (mm)	…..	…..	1970	1970	1970	1970	4.7
	4.8	Seat height	h7 (mm)	900	900	900	900	900	900	4.8
	4.12	Tow hook height	h10 (mm)	277/332	277/332	277/332	277/332	277/332	277/332	4.12
	4.13	Load height, unladen	h11 (mm)	694	694	694	694	694	694	4.13
	4.16	Length of loading surface	l3 (mm)	477	477	477	477	477	477	4.16
	4.17	Overhang	l5 (mm)	315	315	315	315	315	315	4.17
	4.18	Width of loading surface	b9 (mm)	870	870	870	870	870	870	4.18
	4.19	Overall length	l1 (mm)	1730	1730	1950	1950	1950	1950	4.19
	4.21	Overall width	b1 (mm)	970	970	970	970	970	970	4.21
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	100	100	100	100	100	100	4.32
	4.35	Turning radius	Wa (mm)	1624	1624	1844	1844	1844	1844	4.35
	4.36	Internal turning radius	b13 (mm)	485	485	705	705	705	705	4.36
Performances	5.1	Travel speed, laden / unladen	km/h	10 / 15	10 / 15	10 / 18	10 / 18	10 / 18	10 / 18	5.1
	5.5	Draward pull, laden / unladen	N	1000(1)	1200(1)	1400 1)	1600 1)	1800(1)	2000(1)	5.2
	5.6	Max. Draward pull, laden / unladen	N	4000(1)	5000(1)	6500(1)	7000(1)	7693(1)	8300(1)	5.3
	5.7	Gradeability, laden / unladen	%	See Diagram						5.8
	5.8	Max. Gradeability, laden / unladen	%	See Diagram						5.9
	5.10	Service brake	-	Eléctric / Hidráulic						5.10
Drive	6.1	Drive motor rating. 60 min.	KW	1 x 6,5	1 x 6,5	2 x 4,3	2 x 4,3	2 x 4,3	2 x 4,3	6.1
	6.3	Battery acc. to DIN 43531/35/36 A, B , C, no	KW	43531 A	43531 A	43531 A	43531 A	43531 A	43531 A	6.3
	6.4	Battery voltage / nominal capacity (5h)	V / Ah	48 / 270	48 / 270	48 / 300	48 / 400	48 / 450	48 / 525	6.4
	6.5	Battery weight	kg	504	504	531	632	720	795	6.5
Other	8.1	Type of drive control	-	**AC FLUX VECTOR CONTROL**						8.1
	8.4	Sound level at the driver's ear acc. to DIN 12 053	dB (A)	< 70	< 70	< 70	< 70	< 70	< 70	8.4
	8.5	Towing tow hook, type DIN	-	(2)	(2)	(2)	(2)	(2)	(2)	8.5

1) Based on level, dry surface with rolling resistance of 200N/t.

2) Refer to manufacturer

Valid data except typographic errors





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TOW TRACTOR 300 SERIES