

TPE Series electronic truck with pantograph lifting platform

Technical data in line with VDI 2198

as at: 11/2011

			Icem		Icem	
			TPE 24		TPE 30	
Identification	1.1	Manufacturer (abbreviation)				
	1.2	Manufacturer's type designation				
	1.3	Drive	electric	electric	electric	electric
	1.4	Type of operation	pedestrian	pedestrian	pedestrian	pedestrian
	1.5	Load capacity/rated load Q (t)	2.4	2.4	3.0	3.0
	1.6	Load centre distance c (mm)	1250	1500	1250	1500
	1.8	Load distance, centre of drive axle to fork x (mm)	1650	1900	1650	1900
	1.9	Wheelbase y (mm)	2121	2371	2121	2371
Weights	2.1	Service weight incl. battery (see line 6.5) kg	1260	1350	1300	1390
	2.2	Axle loading, laden front/rear kg	1048/2612	1005/2745	1171/3129	1116/3274
	2.3	Axle loading, unladen front/rear kg	595/665	600/750	605/695	610/780
Wheels, Chassis	3.1	Tyres	PU	PU	PU	PU
	3.2	Tyre size, front mm	Ø 250	Ø 250	Ø 250	Ø 250
	3.3	Tyre size, rear mm	Ø 150	Ø 150	Ø 150	Ø 150
	3.5	Wheels, number front/rear (x = driven wheels)	1x/2	1x/2	1x/2	1x/2
	3.7	Track width, rear b ₁₁ (mm)	1065	1065	1065	1065
	4.4	Lift height h ₃ (mm)	1600	1600	1600	1600
Basic dimensions	4.9	Height of tiller in drive position min./max. h ₁₄ (mm)	735/1320	735/1320	735/1320	735/1320
	4.15	Lowered height h ₁₃ (mm)	450	450	450	450
	4.19	Overall length l ₁ (mm)	3180	3680	3180	3680
	4.20	Length to face of forks l ₂ (mm)	680	680	680	680
	4.21	Overall width b ₁ (mm)	1200	1200	1200	1200
	4.22	Platform dimensions s/e/l (mm)	140/1200/2500	140/1200/3000	140/1200/2500	140/1200/3000
	4.32	Ground clearance, centre of wheelbase m ₂ (mm)	100	100	100	100
	4.35	Turning radius Wa (mm)	2350	2600	2350	2600
	4.37	Length to base forks l ₇ (mm)	3180	3430	3180	3430
Perf. data	5.1	Travel speed, laden/unladen km/h	5.0/5.5	5.0/5.5	4.8/5.5	4.8/5.5
	5.2	Lift speed, laden/unladen m/s	0.05/0.08	0.05/0.08	0.045/0.08	0.045/0.08
	5.3	Lowering speed, laden/unladen m/s	0.17/0.11	0.17/0.11	0.18/0.11	0.18/0.11
	5.10	Service brake	electronic	electronic	electronic	electronic
Electric eng.	6.1	Drive motor rating S ₂ 60min kW	1	1	1	1
	6.2	Lift motor rating at S ₃ 10% kW	2.5	2.5	2.5	2.5
	6.4	Battery voltage, nominal capacity K ₅ V/Ah	24/240	24/240	24/240	24/240
	6.5	Battery weight kg	210	210	210	210
	8.1	Type of drive control	AC	AC	AC	AC
	8.4	Sound level at driver's ear according to EN 12 053 dB (A)	70	70	70	70

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