CP Series electronic tow-tractor with sit-on driver and platform

Technical data in line with VDI 2198

				CP 420 24V	CP 420 48V
Identification	1.1	Manufacturer (abbreviation)		Icem	Icem
	1.2	Manufacturer's type designation		**CP 420 24V**	**CP 420 48V**
	1.3	Drive		electric	electric
	1.4	Type of operation		sit-on	sit-on
	1.5	Load capacity/rated load	Q (t)	2.0	2.0
	1.7	Rated drawbar pull	F (N)	1020	2800
	1.9	Wheelbase	y (mm)	1845	2108
Weig	2.1	Service weight incl. battery (see line 6.5)	kg	970	1510
	2.2	Axle loading, laden front/rear	kg	514/2456	757/2753
	2.3	Axle loading, unladen front/rear	kg	460/510	710/800
Wheels, Chassis	3.1	Tyres		pneumatic/superelastic	pneumatic/superelastic
	3.2	Tyre size, front	mm	Ø 405	Ø 405
	3.3	Tyre size, rear	mm	Ø 455	Ø 415
	3.5	Wheels, number front/rear (x = driven wheels)		2/2x	2/2x
	3.6	Track width, front	b_{10} (mm)	843	853
	3.7	Track width, rear	b_{11} (mm)	832	832
Basic dimensions	4.7	Height of cabin	h_6 (mm)	1985	2025
	4.8	Seat height	h_7 (mm)	950	1000
	4.12	Coupling height	h_{10} (mm)	455	405
	4.13	Loading height, unladen	h_{11} (mm)	510	500
	4.16	Length of loading surface	l_3 (mm)	1800	1800
	4.17	Overhang	l_5 (mm)	945 [1]	939 [1]
	4.18	Width of loading surface	b_9 (mm)	1000	1000
	4.19	Overall length	l_1 (mm)	2945 [2]	3208 [2]
	4.21	Overall width	b_1 (mm)	1000	1000
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	190	140
	4.35	Turning radius	Wa (mm)	2850	3180
	4.36	Internal turning radius	b_{13} (mm)	1535	1750
Perf. data	5.1	Travel speed, laden/unladen	km/h	7.0/9.0	7.0/9.0
	5.5	Drawbar pull, laden/unladen	N	600/1020 [3]	2200/2800 [3]
	5.6	Max. drawbar pull, laden/unladen	N	2050/2680	6180/6950
	5.8	Max. gradient performance, laden/unladen	%	5/15	5/15
	5.10	Service brake		electronic + hydraulic	electronic + hydraulic
El. eng.	6.1	Drive motor rating S_2 60min	kW	3.5	7.5
	6.4	Battery voltage, nominal capacity K_5	V/Ah	24/480	48/480
	6.5	Battery weight	kg	370	740
	8.1	Type of drive control		AC	AC
	8.4	Sound level at driver's ear according to EN 12 053	dB (A)	70	70

Effective pulling capacity is in relation to adherence to the ground.

(1) Data referring to standard configuration.
(2) Length to VDI: +coupling.
(3) Rated drawbar pull.

This specification sheet according to VDI regulation 2198 only provides technical values for the standard truck. Non-standard tyres, different masts, additional equipments, etc., could produce other values. Right reserved for technical changes and improvements.