

CR Series electronic tow-tractor with sit-on driver

Technical data in line with VDI 2198

as at: 11/2011

Identification	1.1	Manufacturer (abbreviation)	Icem	Icem
	1.2	Manufacturer's type designation	CR 430	CR 460
	1.3	Drive	electric	electric
	1.4	Type of operation	sit-on	sit-on
	1.7	Rated drawbar pull F (N)	550	1600
	1.9	Wheelbase y (mm)	875	1010
Weig	2.1	Service weight incl. battery (see line 6.5) kg	840	1320
	2.3	Axle loading, unladen front/rear kg	310/530	420/900
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 405	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)	930	1000
	4.12	Coupling height h ₁₀ (mm)	405	405
	4.17	Overhang l ₅ (mm)	310 ⁽¹⁾	339 ⁽¹⁾
	4.19	Overall length l ₁ (mm)	1340 ⁽²⁾	1510 ⁽²⁾
	4.21	Overall width b ₁ (mm)	1000	1000
	4.32	Ground clearance, centre of wheelbase m ₂ (mm)	120	140
	4.35	Turning radius Wa (mm)	1600	1780
Perf. data	4.36	Internal turning radius b ₁₃ (mm)	710	820
	5.1	Travel speed, laden/unladen km/h	7.0/9.0	7.0/9.0
	5.5	Drawbar pull, laden/unladen N	550 ⁽³⁾	1600 ⁽³⁾
	5.8	Max. gradient performance, laden/unladen %	5/15	5/15
El. eng.	5.10	Service brake	electronic + hydraulic	electronic + hydraulic
	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

(1) Data referring to standard configuration.

(2) Length to VDI: +coupling.

(3) Rated drawbar pull.

