

CR Series electronic tow-tractor with sit-on driver

Technical data in line with VDI 2198

as at: 07/2013

			Icem	Icem	
			CR 430	CR 460	
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)	1200	2900
	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
4.36	Internal turning radius	b ₁₃ (mm)	710	820	
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	1200 ⁽³⁾	2900 ⁽³⁾
	5.6	Max. drawbar pull, laden/unladen	N	3200	7800
	5.8	Max. gradient performance, laden/unladen	%	4/15	3/15
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.

