

CTS 30-35 Series electronic forklift truck with tiller and projecting forks

Technical data in line with VDI 2198

as at: 06/2016

Identification	1.1	Manufacturer (abbreviation)	Icem	Icem
	1.2	Manufacturer's type designation	CTS 30/304	CTS 35/304
	1.3	Drive	electric	electric
	1.4	Type of operation	pedestrian	pedestrian
	1.5	Load capacity/rated load Q (t)	3.0	3.5
	1.6	Load centre distance c (mm)	500	500
	1.8	Load distance, centre of drive axle to fork x (mm)	145	145
	1.9	Wheelbase y (mm)	1900	1900
Weights	2.1	Service weight incl. battery (see line 6.5) kg	2850	2980
	2.2	Axle loading, laden front/rear kg	632/5218	592/5918
	2.3	Axle loading, unladen front/rear kg	1650/1200	1750/1230
Wheels, Chassis	3.1	Tyres	PU	PU
	3.2	Tyre size, front mm	ø 320	ø 320
	3.3	Tyre size, rear mm	ø 250	ø 250
	3.5	Wheels, number front/rear (x = driven wheels)	1x/4	1x/4
	3.7	Track width, rear b ₁₁ (mm)	893	893
Basic dimensions	4.2	Closed mast height h ₁ (mm)	2105	2105
	4.3	Free lift h ₂ (mm)	-	-
	4.4	Lift height h ₃ (mm)	2984	2984
	4.5	Height, mast extended h ₄ (mm)	3675	3675
	4.9	Height of tiller in drive position min./max. h ₁₄ (mm)	1055/1455	1055/1455
	4.15	Lowered height h ₁₃ (mm)	56	56
	4.19	Overall length l ₁ (mm)	3365	3365
	4.20	Length to face of forks l ₂ (mm)	2365	2365
	4.21	Overall width b ₁ (mm)	1090/940	1090/940
	4.22	Fork dimensions s/e/l (mm)	50x120x1000	50x120x1000
	4.24	Fork-carriage width b ₃ (mm)	700	700
	4.31	Ground clearance, laden, below mast m ₁ (mm)	70	70
	4.32	Ground clearance, centre of wheelbase m ₂ (mm)	80	80
	4.33	Aisle width for pallets 1000x1200 crossways Ast (mm)	3765 ⁽¹⁾	3765 ⁽¹⁾
	4.34	Aisle width for pallets 800x1200 crossways Ast (mm)	3765 ⁽²⁾	3765 ⁽²⁾
	4.35	Turning radius Wa (mm)	2220	2220
Perform. data	5.1	Travel speed, laden/unladen km/h	4.5/5.0	4.5/5.0
	5.2	Lift speed, laden/unladen m/s	0.10/0.17	0.08/0.17
	5.3	Lowering speed, laden/unladen m/s	0.26/0.18	0.26/0.18
	5.8	Max. gradient performance, laden/unladen %	2.5/5	2/5
	5.10	Service brake	electronic	electronic
Electric eng.	6.1	Drive motor rating S ₂ 60min kW	2	2
	6.2	Lift motor rating at S ₃ 10% kW	4.5	4.5
	6.4	Battery voltage, nominal capacity K _s V/Ah	48/375	48/375
	6.5	Battery weight kg	590	590
	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) diagonal to VDI: +90 mm

(2) diagonal to VDI: +58 mm

