

Identification	1.1	Manufacturer (abbreviation)	Icem	Icem	Icem	Icem	Icem	
	1.2	Manufacturer's type designation	<b>TE 10/320</b>	<b>TE 12/320</b>	<b>TE 14/320</b>	<b>TE 16/320</b>	<b>TE 20/316</b>	
	1.3	Drive	electric	electric	electric	electric	electric	
	1.4	Type of operation	pedestrian	pedestrian	pedestrian	pedestrian	pedestrian	
	1.5	Load capacity/rated load	Q (t)	1.0	1.2	1.4	1.6	2.0
	1.6	Load centre distance	c (mm)	600	600	600	600	600
	1.8	Load distance, centre of drive axle to fork	x (mm)	693	693	693	693	693
	1.9	Wheelbase	y (mm)	1148	1165	1243	1243	1281
	Weights	2.1	Service weight incl. battery (see line 6.5)	kg	838	930	1020	1020
2.2		Axle loading, laden front/rear	kg	701/1137	786/1344	825/1595	840/1780	1075/2225
2.3		Axle loading, unladen front/rear	kg	620/218	690/240	720/300	720/300	930/370
Wheels, Chassis	3.1	Tyres	PU	PU	PU	PU	PU	
	3.2	Tyre size, front	mm	ø 250	ø 250	ø 250	ø 250	ø 250
	3.3	Tyre size, rear	mm	ø 85	ø 85	ø 85	ø 85	ø 85
	3.4	Additional wheels (dimensions)	mm	ø 127	ø 127	ø 127	ø 127	ø 150
	3.5	Wheels, number front/rear (x = driven wheels)		1x+1/2	1x+1/2	1x+1/2	1x+1/2	1x+1/2
	3.6	Track width, front	b <sub>10</sub> (mm)	536	536	536	536	620
	3.7	Track width, rear	b <sub>11</sub> (mm)	390	414	414	414	419
Basic dimensions	4.2	Closed mast height	h <sub>1</sub> (mm)	2095	2100	2100	2100	2100
	4.3	Free lift	h <sub>2</sub> (mm)	80	80	80	80	70
	4.4	Lift height	h <sub>3</sub> (mm)	3110	3110	3110	3110	3070
	4.5	Height, mast extended	h <sub>4</sub> (mm)	3629	3634	3634	3634	3614
	4.9	Height of tiller in drive position min./max.	h <sub>14</sub> (mm)	735/1320	735/1320	735/1320	735/1320	735/1320
	4.15	Lowered height	h <sub>13</sub> (mm)	90	90	90	90	90
	4.19	Overall length	l <sub>1</sub> (mm)	1815	1832	1910	1910	1948
	4.20	Length to face of forks	l <sub>2</sub> (mm)	665	682	760	760	798
	4.21	Overall width	b <sub>1</sub> (mm)	870	870	870	870	970
	4.22	Fork dimensions	s/e/l (mm)	60/180/1150	70/185/1150	70/185/1150	70/185/1550	80/190/1150
	4.25	Width over forks	b <sub>5</sub> (mm)	570	570	570	570	575
	4.32	Ground clearance, centre of wheelbase	m <sub>2</sub> (mm)	30	30	30	30	30
	4.33	Aisle width for pallets 1000x1200 crossways	Ast (mm)	2102 <sup>(1)</sup>	2117 <sup>(1)</sup>	2195 <sup>(1)</sup>	2195 <sup>(1)</sup>	2242 <sup>(1)</sup>
4.34	Aisle width for pallets 800x1200 crossways	Ast (mm)	2102 <sup>(2)</sup>	2117 <sup>(2)</sup>	2195 <sup>(2)</sup>	2195 <sup>(2)</sup>	2242 <sup>(2)</sup>	
4.35	Turning radius	Wa (mm)	1395	1410	1488	1488	1535	
Perform. data	5.1	Travel speed, laden/unladen	km/h	4.8/6.0	4.7/6.0	4.6/6.0	4.5/6.0	4.3/6.0
	5.2	Lift speed, laden/unladen	m/s	0.13/0.21	0.11/0.17	0.11/0.17	0.10/0.17	0.09/0.20
	5.3	Lowering speed, laden/unladen	m/s	0.39/0.28	0.31/0.22	0.37/0.24	0.37/0.24	0.40/0.28
	5.8	Max. gradient performance, laden/unladen	%	12/15	11/14	11/14	10/14	6/10
	5.10	Service brake		electromagn.	electromagn.	electronic	electronic	electronic
Electric eng.	6.1	Drive motor rating S <sub>2</sub> 60min	kW	1	1	1	1	1
	6.2	Lift motor rating at S <sub>3</sub> 10%	kW	2.5	2.5	2.5	2.5	3
	6.4	Battery voltage, nominal capacity K <sub>5</sub>	V/Ah	24/160	24/160	24/240	24/240	24/320
	6.5	Battery weight	kg	150	150	210	210	280
	8.1	Type of drive control		AC	AC	AC	AC	AC
	8.4	Sound level at driver's ear according to EN 12 053	dB (A)	67	67	70	70	70

(1) diagonal to VDI: +205 mm

(2) diagonal to VDI: +139 mm

