

# TE 4D Series electronic 4-way stacker

## Technical data in line with VDI 2198

as at: 10/2011

			Icem	Icem
			<b>TE 16/316 4D</b>	<b>TE 20/312 4D</b>
Identification	1.1	Manufacturer (abbreviation)	Icem	Icem
	1.2	Manufacturer's type designation	<b>TE 16/316 4D</b>	<b>TE 20/312 4D</b>
	1.3	Drive	electric	electric
	1.4	Type of operation	pedestrian	pedestrian
	1.5	Load capacity/rated load Q (t)	1.6	2.0
	1.6	Load centre distance c (mm)	300	300
	1.8	Load distance, centre of drive axle to fork x (mm)	525	510
	1.9	Wheelbase y (mm)	1048	1048
	Weights	2.1	Service weight incl. battery (see line 6.5) kg	1340
2.2		Axle loading, laden front/rear kg	1150/1790	1250/2180
2.3		Axle loading, unladen front/rear kg	840/500	880/550
Wheels, Chassis	3.1	Tyres	PU	PU
	3.2	Tyre size, front mm	Ø 250	Ø 250
	3.3	Tyre size, rear mm	Ø 150	Ø 150
	3.5	Wheels, number front/rear (x = driven wheels)	1x/2	1x/2
	3.7	Track width, rear b <sub>11</sub> (mm)	1590	1590
Basic dimensions	4.2	Closed mast height h <sub>1</sub> (mm)	2080	2080
	4.3	Free lift h <sub>2</sub> (mm)	80	70
	4.4	Lift height h <sub>3</sub> (mm)	3115	3075
	4.5	Height, mast extended h <sub>4</sub> (mm)	3675	3635
	4.9	Height of tiller in drive position min./max. h <sub>14</sub> (mm)	1070/1415	1070/1415
	4.10	Height of wheel arms h <sub>8</sub> (mm)	240	240
	4.15	Lowered height h <sub>13</sub> (mm)	45	45
	4.19	Overall length l <sub>1</sub> (mm)	1300	1315
	4.20	Length to face of forks l <sub>2</sub> (mm)	700	715
	4.21	Overall width b <sub>1</sub> (mm)	1710	1710
	4.22	Fork dimensions s/e/l (mm)	35/130/600	35/130/600
	4.23	Fork carriage ISO 2328, class/type A, B	2/A	2/A
	4.24	Fork-carriage width b <sub>3</sub> (mm)	1370	1370
	4.25	Width over forks b <sub>5</sub> (mm)	260/1250	260/1250
	4.26	Distance between wheel arms/loading surfaces b <sub>4</sub> (mm)	1350	1350
	4.31	Ground clearance, laden, below mast m <sub>1</sub> (mm)	60	60
	4.32	Ground clearance, centre of wheelbase m <sub>2</sub> (mm)	70	70
	Aisle width for l = 600 Ast (mm)	1600	1615	
4.35	Turning radius Wa (mm)	1990	1990	
4.37	Length across wheel arms l <sub>7</sub> (mm)	1300	1300	
Perform. data	5.1	Travel speed, laden/unladen km/h	4.3/4.5	4.3/4.5
	5.2	Lift speed, laden/unladen m/s	0.14/0.21	0.11/0.19
	5.3	Lowering speed, laden/unladen m/s	0.35/0.25	0.33/0.20
	5.8	Max. gradient performance, laden/unladen %	-	-
	5.10	Service brake	electronic	electronic
Electric eng.	6.1	Drive motor rating S <sub>2</sub> 60min kW	1	1
	6.2	Lift motor rating at S <sub>3</sub> 10% kW	3	3
	6.4	Battery voltage, nominal capacity K <sub>5</sub> V/Ah	24/320	24/320
	6.5	Battery weight kg	280	280
	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	

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