

TE 4D Series electronic 4-way stacker

Technical data in line with VDI 2198

as at: 10/2011

			Icem	Icem		
			TE 16/316 4D	TE 20/312 4D		
Identification	1.1	Manufacturer (abbreviation)	Icem	Icem		
	1.2	Manufacturer's type designation	TE 16/316 4D	TE 20/312 4D		
	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	1430
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	
Basic dimensions	3.7	Track width, rear	b ₁₁ (mm)	1590	1590	
	4.2	Closed mast height	h ₁ (mm)	2080	2080	
	4.3	Free lift	h ₂ (mm)	80	70	
	4.4	Lift height	h ₃ (mm)	3115	3075	
	4.5	Height, mast extended	h ₄ (mm)	3675	3635	
	4.9	Height of tiller in drive position min./max.	h ₁₄ (mm)	1070/1415	1070/1415	
	4.10	Height of wheel arms	h ₈ (mm)	240	240	
	4.15	Lowered height	h ₁₃ (mm)	45	45	
	4.19	Overall length	l ₁ (mm)	1300	1315	
	4.20	Length to face of forks	l ₂ (mm)	700	715	
	4.21	Overall width	b ₁ (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 ₃ (mm)	1370	1370	
	4.25	Width over forks	b ₅ (mm)	260/1250	260/1250	
	4.26	Distance between wheel arms/loading surfaces	b ₄ (mm)	1350	1350	
	4.31	Ground clearance, laden, below mast	m ₁ (mm)	60	60	
	4.32	Ground clearance, centre of wheelbase	m ₂ (mm)	70	70	
	Perform. data	4.32	Aisle width for l = 600	A _{st} (mm)	1600	1615
		4.35	Turning radius	W _a (mm)	1990	1990
4.37		Length across wheel arms	l ₇ (mm)	1300	1300	
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	
Electric eng.	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	
	6.1	Drive motor rating S ₂ 60min	kW	1	1	
	6.2	Lift motor rating at S ₃ 10%	kW	3	3	
6.4	Battery voltage, nominal capacity K ₅	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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