

# TP 16-30 Series electronic-walkie-pallet truck

## Technical data in line with VDI 2198

as at: 04/2011

Identification	1.1	Manufacturer (abbreviation)	Icem	Icem	Icem	Icem	
	1.2	Manufacturer's type designation	<b>TP 16</b>	<b>TP 20 J</b>	<b>TP 20</b>	<b>TP 30</b>	
	1.3	Drive	electric	electric	electric	electric	
	1.4	Type of operation	pedestrian	pedestrian	pedestrian	pedestrian	
	1.5	Load capacity/rated load	Q (t)	1.6	2.0	2.0	3.0
	1.6	Load centre distance	c (mm)	600	600	600	600
	1.8	Load distance, centre of drive axle to fork	x (mm)	891	891	891	881
	1.9	Wheelbase	y (mm)	1233	1233	1308	1308
	Weights	2.1	Service weight incl. battery (see line 6.5)	kg	490	490	560
2.2		Axle loading, laden front/rear	kg	778/1312	872/1618	895/1665	1105/2490
2.3		Axle loading, unladen front/rear	kg	400/90	400/90	450/110	460/135
Wheels, Chassis	3.1	Tyres	PU	PU	PU	PU	
	3.2	Tyre size, front	mm	ø 250	ø 250	ø 250	ø 250
	3.3	Tyre size, rear	mm	ø 85	ø 85	ø 85	ø 85
	3.4	Additional wheels (dimensions)	mm	ø 100	ø 100	ø 100	ø 100
	3.5	Wheels, number front/rear (x = driven wheels)		1x / 2	1x / 2	1x / 2	1x / 4
	3.6	Track width, front	b <sub>10</sub> (mm)	556	556	556	556
	3.7	Track width, rear	b <sub>11</sub> (mm)	385	385	385	385
Basic dimensions	4.4	Lift height	h <sub>3</sub> (mm)	115	115	115	115
	4.9	Height of tiller in drive position min./max.	h <sub>14</sub> (mm)	750/1320	750/1320	750/1320	750/1320
	4.15	Lowered height	h <sub>13</sub> (mm)	86	86	86	86
	4.19	Overall length	l <sub>1</sub> (mm)	1700	1700	1775	1785
	4.20	Length to face of forks	l <sub>2</sub> (mm)	550	550	625	635
	4.21	Overall width	b <sub>1</sub> (mm)	770	770	770	770
	4.22	Fork dimensions	s/e/l (mm)	60x175x1150	60x175x1150	60x175x1150	60x175x1150
	4.25	Width over forks	b <sub>5</sub> (mm)	560	560	560	560
	4.32	Ground clearance, centre of wheelbase	M <sub>2</sub> (mm)	26	26	26	26
	4.33	Aisle width for pallets 1000x1200 crossways	Ast (mm)	1959	1959	2034	2044
	4.34	Aisle width for pallets 800x1200 crossways	Ast (mm)	1959	1959	2034	2044
4.35	Turning radius	Wa (mm)	1450	1450	1525	1525	
Perform. data	5.1	Travel speed, laden/unladen	km/h	6.0/6.0	6.0/6.0	6.0/6.0	6.0/6.0
	5.2	Lift speed, laden/unladen	m/s	0.06/0.07	0.05/0.07	0.05/0.07	0.04/0.06
	5.3	Lowering speed, laden/unladen	m/s	0.09/0.06	0.10/0.06	0.10/0.06	0.10/0.05
	5.8	Max. gradient performance, laden/unladen	%	15/22	12/22	12/22	10/22
	5.10	Service brake		electronic	electronic	electronic	electronic
Electric eng.	6.1	Drive motor rating S <sub>2</sub> 60min	kW	1	1	1	1
	6.2	Lift motor rating at S <sub>3</sub> 10%	kW	2.2	2.2	2.2	2.2
	6.4	Battery voltage, nominal capacity K <sub>5</sub>	V/Ah	24/160	24/160	24/240	24/240
	6.5	Battery weight	kg	150	150	210	210
	8.1	Type of drive control		AC	AC	AC	AC
8.4	Sound level at driver's ear according to EN 12 053	dB (A)	70	70	70	70	

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