

GT 50-80F Series electronic sideways-seat 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		GT 50	GT 60	GT 70	GT 80
	1.3	Drive		electric	electric	electric	electric
	1.4	Type of operation		seat	seat	seat	seat
	1.5	Load capacity/rated load	Q (t)	5.0	6.0	7.0	8.0
	1.6	Load centre distance	c (mm)	600	600	600	600
	1.8	Load distance, centre of drive axle to fork	x (mm)	864	830	830	830
	1.9	Wheelbase	y (mm)	1525	1504	1509	1509
	Weights	2.1	Service weight incl. battery (see line 6.5)	kg	1080	1150	1160
2.2		Axle loading, laden front/rear	kg	1705/4375	1785/5365	1940/6220	2110/7150
2.3		Axle loading, unladen front/rear	kg	840/240	870/280	875/285	890/370
Wheels, Chassis	3.1	Tyres		PU	PU	PU	PU
	3.2	Tyre size, front	mm	ø 320	ø 320	ø 320	ø 320
	3.3	Tyre size, rear	mm	ø 85	ø 85	ø 85	ø 150
	3.4	Additional wheels (dimensions)	mm	ø 150	ø 150	ø 150	ø 150
	3.5	Wheels, number front/rear (x = driven wheels)		1x +1 / 4	1x +1 / 6	1x +1 / 6	1x +1 / 8
	3.6	Track width, front	b ₁₀ (mm)	549	549	549	549
	3.7	Track width, rear	b ₁₁ (mm)	365	365	365	400
Basic dimensions	4.4	Lift height	h ₃ (mm)	130	130	130	130
	4.8	Seat height	h ₇ (mm)	1035	1035	1035	1035
	4.15	Lowered height	h ₁₃ (mm)	95	95	95	160
	4.19	Overall length	l ₁ (mm)	2137	2200	2205	2205
	4.20	Length to face of forks	l ₂ (mm)	987	1000	1005	1005
	4.21	Overall width	b ₁ (mm)	930	930	930	930
	4.22	Fork dimensions	s/e/l (mm)	80x205x1150	80x205x1200	80x215x1200	130x230x1200
	4.25	Width over forks	b ₅ (mm)	570	570	580	580
	4.32	Ground clearance, centre of wheelbase	M ₂ (mm)	15	15	15	30
	4.33	Aisle width for pallets 1000x1200 crossways	Ast (mm)	2416	2430	2435	2435
	4.34	Aisle width for pallets 800x1200 crossways	Ast (mm)	2416	2430	2435	2435
4.35	Turning radius	Wa (mm)	1880	1860	1865	1865	
Perform. data	5.1	Travel speed, laden/unladen	km/h	5.0/7.0	5.0/7.0	4.8/7.0	4.5/7.0
	5.2	Lift speed, laden/unladen	m/s	0.022/0.032	0.017/0.025	0.015/0.025	0.013/0.025
	5.3	Lowering speed, laden/unladen	m/s	0.052/0.030	0.040/0.023	0.040/0.023	0.045/0.023
	5.8	Max. gradient performance, laden/unladen	%	3.3/15	2.7/15	2.3/15	2/15
	5.10	Service brake		electronic	electronic	electronic	electronic
Electric eng.	6.1	Drive motor rating S ₂ 60min	kW	2	2	2	2
	6.2	Lift motor rating at S ₃ 10%	kW	2.2	2.2	2.2	2.2
	6.4	Battery voltage, nominal capacity K ₅	V/Ah	24/375	24/375	24/375	24/375
	6.5	Battery weight	kg	290	290	290	290
	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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