

GT 20-40 Series electronic sideways-seat pallet truck

Technical data in line with VDI 2198

as at: 04/2013

Identification	1.1	Manufacturer (abbreviation)		Icem	Icem	Icem
	1.2	Manufacturer's type designation		GT 20	GT 30	GT 40
	1.3	Drive		electric	electric	electric
	1.4	Type of operation		seat	seat	seat
	1.5	Load capacity/rated load	Q (t)	2.0	3.0	4.0
	1.6	Load centre distance	c (mm)	600	600	600
	1.8	Load distance, centre of drive axle to fork	x (mm)	891	881	864
	1.9	Wheelbase	y (mm)	1420	1420	1490
	Weights	2.1	Service weight incl. battery (see line 6.5)	kg	820	855
2.2		Axle loading, laden front/rear	kg	1070/1750	1265/2590	1415/3505
2.3		Axle loading, unladen front/rear	kg	660/160	670/185	705/215
Wheels, Chassis	3.1	Tyres		PU	PU	PU
	3.2	Tyre size, front	mm	ø 250	ø 250	ø 250
	3.3	Tyre size, rear	mm	ø 85	ø 85	ø 85
	3.4	Additional wheels (dimensions)	mm	ø 150	ø 150	ø 150
	3.5	Wheels, number front/rear (x = driven wheels)		1x +1 / 2	1x +1 / 4	1x +1 / 4
	3.6	Track width, front	b ₁₀ (mm)	541	541	541
	3.7	Track width, rear	b ₁₁ (mm)	385	385	365
Basic dimensions	4.4	Lift height	h ₃ (mm)	115	115	130
	4.8	Seat height	h ₇ (mm)	960	960	960
	4.15	Lowered height	h ₁₃ (mm)	86	86	95
	4.19	Overall length	l ₁ (mm)	1965	1975	2060
	4.20	Length to face of forks	l ₂ (mm)	815	825	910
	4.21	Overall width	b ₁ (mm)	900	900	900
	4.22	Fork dimensions	s/e/l (mm)	60x175x1150	60x175x1150	80x195x1150
	4.25	Width over forks	b ₅ (mm)	560	560	570
	4.32	Ground clearance, centre of wheelbase	M ₂ (mm)	26	26	15
	4.33	Aisle width for pallets 1000x1200 crossways	Ast (mm)	2249	2259	2341
	4.34	Aisle width for pallets 800x1200 crossways	Ast (mm)	2249	2259	2341
4.35	Turning radius	Wa (mm)	1740	1740	1805	
Perform. data	5.1	Travel speed, laden/unladen	km/h	8.5/8.5	7.2/7.2	6.5/6.5
	5.2	Lift speed, laden/unladen	m/s	0.05/0.07	0.04/0.06	0.024/0.032
	5.3	Lowering speed, laden/unladen	m/s	0.10/0.06	0.10/0.05	0.051/0.030
	5.8	Max. gradient performance, laden/unladen	%	12/18	8/18	4/18
	5.10	Service brake		electronic	electronic	electronic
Electric eng.	6.1	Drive motor rating S ₂ 60min	kW	2	2	2
	6.2	Lift motor rating at S ₃ 10%	kW	2.2	2.2	2.2
	6.4	Battery voltage, nominal capacity K ₅	V/Ah	24/375	24/375	24/375
	6.5	Battery weight	kg	290	290	290
	8.1	Type of drive control		AC	AC	AC
8.4	Sound level at driver's ear according to EN 12 053	dB (A)	70	70	70	

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