

GP 20-40 Series electronic stand-on pallet truck

Technical data in line with VDI 2198

as at: 03/2014

Identification	1.1	Manufacturer (abbreviation)		Icem	Icem	Icem
	1.2	Manufacturer's type designation		GP 20	GP 30	GP 40
	1.3	Drive		electric	electric	electric
	1.4	Type of operation		stand	stand	stand
	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)	1445	1445	1515
	Weights	2.1	Service weight incl. battery (see line 6.5)	kg	790	825
2.2		Axle loading, laden front/rear	kg	1015/1775	1205/2620	1355/3535
2.3		Axle loading, unladen front/rear	kg	610/180	620/205	655/235
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)	567	567	567
	3.7	Track width, rear	b ₁₁ (mm)	385	385	365
Basic dimensions	4.4	Lift height	h ₃ (mm)	115	115	130
	4.9	Stand height	h ₇ (mm)	290	290	290
	4.15	Lowered height	h ₁₃ (mm)	86	86	95
	4.19	Overall length	l ₁ (mm)	1930	1940	2025
	4.20	Length to face of forks	l ₂ (mm)	780	790	875
	4.21	Overall width	b ₁ (mm)	925	925	925
	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)	2219	2229	2311
	4.34	Aisle width for pallets 800x1200 crossways	Ast (mm)	2219	2229	2311
4.35	Turning radius	Wa (mm)	1710	1710	1775	
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	5/13	4/13
	5.10	Service brake		electric	electric	electric
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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