

# GLPE Series horizontal electronic order picker

## Technical data in line with VDI 2198

as at: 04/2012

Identification	1.1	Manufacturer (abbreviation)	Icem	
	1.2	Manufacturer's type designation	<b>GLPE 13/167</b>	
	1.3	Drive	electric	
	1.4	Type of operation	stand	
	1.5	Load capacity/rated load	Q (t)	1.3
	1.6	Load centre distance	c (mm)	600
	1.8	Load distance, centre of drive axle to fork	x (mm)	620
	1.9	Wheelbase	y (mm)	1792
	Weights	2.1	Service weight incl. battery (see line 6.5)	kg
2.2		Axle loading, laden front/rear	kg	845/1655
2.3		Axle loading, unladen front/rear	kg	830/370
Wheels, Chassis	3.1	Tyres	PU	
	3.2	Tyre size, front	mm	Ø 250
	3.3	Tyre size, rear	mm	Ø 85
	3.4	Additional wheels (dimensions)	mm	Ø 125
	3.5	Wheels, number front/rear (x = driven wheels)		1x+2/4
	3.6	Track width, front	b <sub>10</sub> (mm)	692
	3.7	Track width, rear	b <sub>11</sub> (mm)	405
Basic dimensions	4.2	Closed mast height	h <sub>1</sub> (mm)	2100
	4.4	Lift height	h <sub>3</sub> (mm)	1580
	4.5	Height, mast extended	h <sub>4</sub> (mm)	2100
	4.8	Standing height	h <sub>7</sub> (mm)	135
	4.9	Height of tiller in drive position min./max.	h <sub>14</sub> (mm)	1130/1530
	4.15	Lowered height	h <sub>13</sub> (mm)	90
	4.19	Overall length	l <sub>1</sub> (mm)	2584
	4.20	Length to face of forks	l <sub>2</sub> (mm)	1434
	4.21	Overall width	b <sub>1</sub> (mm)	870
	4.22	Fork dimensions	s/e/l (mm)	70/185/1150
	4.25	Width over forks	b <sub>5</sub> (mm)	570
	4.32	Ground clearance, centre of wheelbase	M <sub>2</sub> (mm)	35
	4.34	Aisle width for pallets 800x1200 (b <sub>12</sub> xl <sub>6</sub> )	Ast (mm)	2855 <sup>(1)</sup>
4.35	Turning radius	Wa (mm)	2075	
Perform. data	5.1	Travel speed, laden/unladen	km/h	7.5/8.0
	5.2	Lift speed, laden/unladen	m/s	0.11/0.17
	5.3	Lowering speed, laden/unladen	m/s	0.37/0.24
	5.8	Max. gradient performance, laden/unladen	%	5/10
	5.10	Service brake		electronic
Electric eng.	6.1	Drive motor rating S <sub>2</sub> 60min	kW	2
	6.2	Lift motor rating at S <sub>3</sub> 10%	kW	2.5
	6.4	Battery voltage, nominal capacity K <sub>s</sub>	V/Ah	24/320
	6.5	Battery weight	kg	280
	8.1	Type of drive control		AC
	8.4	Sound level at driver's ear according to EN 12 053	dB (A)	70

(1) diagonal to VDI: + 125 mm

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