

Identification	1.1	Manufacturer (abbreviation)		Icem	Icem	Icem
	1.2	Manufacturer's type designation		<b>GPE 14/320</b>	<b>GPE 16/320</b>	<b>GPE 20/316</b>
	1.3	Drive		electric	electric	electric
	1.4	Type of operation		stand	stand	stand
	1.5	Load capacity/rated load	Q (t)	1.4	1.6	2.0
	1.6	Load centre distance	c (mm)	600	600	600
	1.8	Load distance, centre of drive axle to fork	x (mm)	693	693	693
	1.9	Wheelbase	y (mm)	1378	1378	1399
	Weights	2.1	Service weight incl. battery (see line 6.5)	kg	1280	1280
2.2		Axle loading, laden front/rear	kg	965/1715	978/1902	1083/2317
2.3		Axle loading, unladen front/rear	kg	870/410	870/410	950/450
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-1/2	1x-1/2
	3.6	Track width, front	b <sub>10</sub> (mm)	655	655	655
	3.7	Track width, rear	b <sub>11</sub> (mm)	414	414	419
Basic dimensions	4.2	Closed mast height	h <sub>1</sub> (mm)	2100	2100	2100
	4.3	Free lift	h <sub>2</sub> (mm)	80	80	70
	4.4	Lift height	h <sub>3</sub> (mm)	3110	3110	3070
	4.5	Height, mast extended	h <sub>4</sub> (mm)	3634	3634	3614
	4.7	Height of overhead guard (cabin)	h <sub>6</sub> (mm)	2245	2245	2245
	4.8	Stand height	h <sub>7</sub> (mm)	280	280	280
	4.15	Lowered height	h <sub>13</sub> (mm)	90	90	90
	4.19	Overall length	l <sub>1</sub> (mm)	2065	2065	2086
	4.20	Length to face of forks	l <sub>2</sub> (mm)	915	915	936
	4.21	Overall width	b <sub>1</sub> (mm)	927	927	927
	4.22	Fork dimensions	s/e/l (mm)	70/185/1150	70/185/1150	80/190/1150
	4.25	Width over forks	b <sub>5</sub> (mm)	570	570	575
	4.32	Ground clearance, centre of wheelbase	m <sub>2</sub> (mm)	30	30	30
	4.33	Aisle width for pallets 1000x1200 crossways	Ast (mm)	2362 <sup>(1)</sup>	2362 <sup>(1)</sup>	2382 <sup>(1)</sup>
	4.34	Aisle width for pallets 800x1200 crossways	Ast (mm)	2362 <sup>(2)</sup>	2362 <sup>(2)</sup>	2382 <sup>(2)</sup>
4.35	Turning radius	Wa (mm)	1655	1655	1675	
Perform. data	5.1	Travel speed, laden/unladen	km/h	8.0/8.0	8.0/8.0	7.2/7.2
	5.2	Lift speed, laden/unladen	m/s	0.13/0.28	0.11/0.28	0.10/0.20
	5.3	Lowering speed, laden/unladen	m/s	0.34/0.26	0.35/0.26	0.39/0.32
	5.8	Max. gradient performance, laden/unladen	%	6/10	6/10	5/8
	5.10	Service brake		electronic	electronic	electronic
Electric eng.	6.1	Drive motor rating S <sub>2</sub> 60min	kW	2	2	2
	6.2	Lift motor rating at S <sub>3</sub> 10%	kW	3	3	3
	6.4	Battery voltage, nominal capacity K <sub>5</sub>	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

(1) diagonal to VDI: +205 mm

(2) diagonal to VDI: +139 mm

