

# HF 16-20 Series electronic walkie pallet truck, L2=495mm

## Technical data in line with VDI 2198

as at: 04/2011

Identification	1.1	Manufacturer (abbreviation)	Icem	Icem	
	1.2	Manufacturer's type designation	<b>HF 16</b>	<b>HF 20</b>	
	1.3	Drive	electric	electric	
	1.4	Type of operation	pedestrian	pedestrian	
	1.5	Load capacity/rated load	Q (t)	1.6	2.0
	1.6	Load centre distance	c (mm)	600	600
	1.8	Load distance, centre of drive axle to fork	x (mm)	891	891
	1.9	Wheelbase	y (mm)	1177	1177
	Weights	2.1	Service weight incl. battery (see line 6.5)	kg	480
2.2		Axle loading, laden front/rear	kg	795/1285	895/1585
2.3		Axle loading, unladen front/rear	kg	400/80	400/80
Wheels, Chassis	3.1	Tyres		PU	PU
	3.2	Tyre size, front	mm	ø 250	ø 250
	3.3	Tyre size, rear	mm	ø 85	ø 85
	3.4	Additional wheels (dimensions)	mm	ø 100	ø 100
	3.5	Wheels, number front/rear (x = driven wheels)		1x / 2	1x / 2
	3.6	Track width, front	b <sub>10</sub> (mm)	580	580
	3.7	Track width, rear	b <sub>11</sub> (mm)	385	385
Basic dimensions	4.4	Lift height	h <sub>3</sub> (mm)	115	115
	4.9	Height of tiller in drive position min./max.	h <sub>14</sub> (mm)	750/1320	750/1320
	4.15	Lowered height	h <sub>13</sub> (mm)	86	86
	4.19	Overall length	l <sub>1</sub> (mm)	1645	1645
	4.20	Length to face of forks	l <sub>2</sub> (mm)	495	495
	4.21	Overall width	b <sub>1</sub> (mm)	760	760
	4.22	Fork dimensions	s/e/l (mm)	60x175x1150	60x175x1150
	4.25	Width over forks	b <sub>5</sub> (mm)	560	560
	4.32	Ground clearance, centre of wheelbase	M <sub>2</sub> (mm)	26	26
	4.33	Aisle width for pallets 1000x1200 crossways	Ast (mm)	1909	1909
	4.34	Aisle width for pallets 800x1200 crossways	Ast (mm)	1909	1909
4.35	Turning radius	Wa (mm)	1400	1400	
Perform. data	5.1	Travel speed, laden/unladen	km/h	6.0/6.0	6.0/6.0
	5.2	Lift speed, laden/unladen	m/s	0.04/0.06	0.04/0.06
	5.3	Lowering speed, laden/unladen	m/s	0.05/0.04	0.05/0.04
	5.8	Max. gradient performance, laden/unladen	%	15/22	12/22
	5.10	Service brake		electronic	electronic
Electric eng.	6.1	Drive motor rating S <sub>2</sub> 60min	kW	1	1
	6.2	Lift motor rating at S <sub>3</sub> 10%	kW	2.2	2.2
	6.4	Battery voltage, nominal capacity K <sub>5</sub>	V/Ah	24/160	24/160
	6.5	Battery weight	kg	150	150
	8.1	Type of drive control		AC	AC
8.4	Sound level at driver's ear according to EN 12 053	dB (A)	70	70	

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