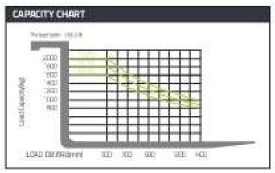
Machine Parameters

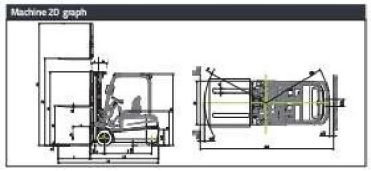
Item	Unit	FE16	FE18	FE20
General				
Driving gear	/	Battery	Battery	Battery
Driving mode	/	Seated	Seated	Seated
Capacity	Q(kg)	1600	1800	2000
Load center distance	c(mm)	500	500	500
Front overhang	x(mm)	425	425	425
Wheelbase	y(mm)	1380	1380	1420
Weight				
Curb weight (with battery)	kg	3110	3200	3380
Fullload axle load	kg	4200/480	4800/480	5000/480
No load axle load	kg	1800/1910	1900/1980	1980/1980
Tyre				
Tyre type	/	Solid tyre	Solid tyre	Solid tyre
Tire size, front	/	18X7-9	18X7-9	200/50-10
Tire size, rear	/	16X4.5-8	16X4.5-8	16X4.5-8
Number of wheels (front / rear 6= dual)	/	2x2	2x2	2x2
Tread width, front	b10(mm)	560	560	560
Tread width, rear	b11(mm)	580	580	580
Size				
Fork carriage forward / backward	/	5/15.5	5/15.5	5/15.5
Mast lowered height	h1(mm)	2040	2040	2040
Free lift height	h2(mm)	115	115	115
Lifting height	h3(mm)	3000	3000	3000
Mast extended height	h4(mm)	4024	4024	4024
Cab height	h6(mm)	2040	2040	2040
Seat height	h7(mm)	890	890	890
Traction height	h10(mm)	330	330	335
Overall length	L1(mm)	2895	2895	2995
Length to fork face	L2(mm)	1980	1980	2080
Overall width	b1/b2(mm)	1090	1090	1190
Fork size	s/e/l(mm)	35/100/920	35/100/920	35/100/920
Mast ground clearance	m(mm)	90	90	90
Wheelbase centre clearance	w2(mm)	90	90	90
Width of aisle since chart with 1000 x 1200 pallet	Ast(mm)	3295	3295	3450
Turning radius	Wa(mm)	1575	1575	1680
Performance				
Travel speed full-loaded / no-loaded speed	km/h	12/14	12/14	12/14
Lifting speed full-loaded / no-load	mm/s	320/420	320/420	300/380
Lowering speed full-loaded / no-loaded	mm/s	400/400	400/400	400/400
Maximum gradability (in % full-loaded / no-loaded)	%	12/18	11/16	10/15
Braking mode	/	Hydraulic / Mechanical	Hydraulic / Mechanical	Hydraulic / Mechanical
Motor				
Drive motor rated power S2 60min	kw	4.8x2	4.8x2	4.8x2
Lifting motor rated power S3 15%	kw	11	11	11
Battery voltage / capacity 5 hours discharge rate	V/Ah	48/500	48/500	48/500
Battery weight	kg	1400	1400	1400
Other				
Drive control mode	/	AC	AC	AC
Sound level at the driver's ear, acc. to GB/T 12202	dBA	75	75	75

S 3s-stage full free mast

Mast height	Capacity			Mast lowered height		Free lift to height	Max lift height
mm	1.0(kg)	1.8(kg)	2.0(kg)	Forks on ground (mm)	Height with backrest (mm)	mm	h3/h1
3000	1400	1050	1000	1940	2024	893	3/5
3300	1390	1040	1000	2040	2124	1044	3/5
3500	1380	1030	1000	2100	2184	1148	3/5
4000	1330	1000	940	2375	2459	1500	3/5
4500	1280	970	940	2650	2734	1851	3/5
5000	1150	920	890	2920	3004	1977	3/5
5500	1050	870	850	3200	3284	2103	3/5
6000	980	800	770	3475	3559	2229	3/5

Electric Forklift





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