



FC15-FC35 Four Wheels Electric Forklift Truck

1		Model	FC15	FC20	FC25	FC30	FC35			
General	2	Power Type	Electric							
	3	Operation Type	Seated							
	4	Rated capacity	kg	1500	2000	2500	3000	3500		
	5	Load Centre	c(mm)	500						
	6	Assembly Level (GB5184)		2A	2A	2A	3A	3A		
	7	Lift height	h1(mm)	3000	3000	3000	3000	3000		
Characteristics&Dimension	8	Free Lift Height	h2(mm)	135	140	140	140	/		
	9	Tyre	Front /rear Type	Pneumatic/Pneumatic	Pneumatic/Pneumatic	Pneumatic/Pneumatic	Pneumatic/Pneumatic	Solid/Solid		
	10		Front Tyre Size	6.00-9-10PR	21×8-9-16PR	21×8-9-16PR	23×9-10-16PR	28×9-15		
	11		Front Rim Size	4.00E-9	6.00E-9	6.00E-9	6.50F-10	7.00T-15		
	12		Rear Tyre Size	16×6-8-10PR	18×7-8-14PR	18×7-8-14PR	18×7-8-14PR	18×7-8		
	13		Rear Rim Size	4.33R-8	4.33R-8	4.33R-8	4.33R-8	4.33R-8		
	14		Front/rear Number (X=drive)		2X / 2	2X / 2	2X / 2	2X / 2	2X / 2	
	15	Overall Dimension	Tilting Angle Of Mast(forward-backward)	$\alpha/\beta(^{\circ})$	6/10	6/10	6/10	6/10	6/12	
	16		Mast Lowered Height	h3(mm)	1995	1995	1995	2100	2080	
	17		Mast Extended Height	h4(mm)	3580	3620	3620	3720	3706	
	18		Height-Mast Extended w/backrest	h5(mm)	4030	4030	4030	4130	4220	
	19		Height of Overhead Guard	h6(mm)	2100	2100	2100	2130	2200	
	20		Height,Seat to Overhead Guard	h7(mm)	930	930	930	930	1020	
	21		Min. Ground Clearance,Mast	h8(mm)	80	80	80	80	150	
	22		Overall Length	l1(mm)	3130	3390	3420	3615	3627	
	23		Wheelbase	y(mm)	1325	1500	1500	1700	1600	
	24		Front Overhang	x(mm)	370	420	420	418	478	
	25		Overall Width	b1/b2(mm)	1080/1070	1160/1140	1160/1140	1180/1140	1225/1200	
	26		Tread Front/rear	b3/b4(mm)	910/930	950/980	950/980	970/980	1000/992	
	27		Fork Dimensions	l/e/s(mm)	1070×100×35	1070×120×40	1070×120×40	1070×130×40	1070/122/50	
	28		Distance Between Fork-arms	b5(mm)	220~930	260~1000	260~1000	280~1060	265~1060	
	29	Aisle Width for pallet 1000*1200 crossways	Ast(mm)	3460	3720	3730	3920	3993		
	30	Turning Radius	Wa(mm)	1890	2100	2110	2300	2315		
	Performance	31	Speed	Travel (laden/unladen)	km/h	10/12	10/12	10/12	10/12	11.6/11.9
		32		Lifting (laden/unladen)	mm/s	300/	230/	260/	220/	131/283
		33		Max.Gradeability(Laden/unladen)	%	10/12	10/12	10/12	10/12	10/13
		34	Steering Type		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	
		35	Service Brake		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	
36		Service Brake Type		Pedal	Pedal	Pedal	Pedal	Foot brake		
37		Parking Brake		Mechanical	Mechanical	Mechanical	Mechanical	Hand brake		
Power&Transmission	38	Service Weight(include battery)	kg	2980	3850	4100	4450	5130		
	39	Motor	Drive Motor (S2 60)	kw	AC6.8	AC6.8	AC6.8	AC9.1	AC16.6	
	40		Lift Motor (S3 15%)	kw	DC7.5	DC7.5	DC10	DC10	DC10	
	41	Battery	Charger,voltage/current	V/A	48/50	48/70	48/80	48/80	80/60	
	42		Voltage/Capacity	V/Ah	48/400	48/490	48/560	48/630	80/500	
	43		Weight	kg	645	750	870	960	1230	
44	Controller Brand		curtis	curtis	curtis	curtis	/			
45	Controller Model		1234E	1234E	1236E	1236E	/			
46	Noise Level to operator's ear	db(A)	75	75	75	75	/			
47	Max.Operating Pressure for attachments	bar	160	160	160	160	/			
48	Displacement of Gear Pump		18	16	23	23	/			
49	Type of Steering Gear		Full hydraulic steering gear with prior valva type							