

4X2 OFF-ROAD DIESEL FORKLIFT



Model			FRT25 (2WD)	FRT30 (2WD)	FRT35 (2WD)		
Characteristic	Power		Diesel	Diesel	Diesel		
	Rated lifting capacity		Kg	2500	3000	3500	
	Load center distance		mm	500			
	Standard lifting height		mm	3000	3000	3000	
	Mast inclination (front/rear)		Deg	8/12	8/12	8/12	
	front overhang		mm	545	545	590	
	wheelbase		mm	1850	1850	1850	
	Wheel track (front/rear)		mm	1250/1205	1250/1205	1300/1205	
Performance	service brake		Hydraulic				
	Parking brake		Mechanical				
	Lifting speed (full load)		mm/s	450	440	420	
	Lowering speed		mm/s	Full load < 600, no load > 300			
	Driving speed (no load)		Km/h	22	22	22	
	Maxi. gradeability (full load)		%	17	16	16	
Power and transmission	Engine	manufacturer	XINCHAI Euro 5	XINCHAI Euro 5			
	Battery	Voltage	V	12	12		
		capacity	Ah	80	80		
	Transmission	Transmission form		Hydraulic		Hydraulic	
		Gear (front/rear)		I / I		I / I	
	Tyre	Type		Pneumatic tire		Pneumatic tire	
		Size	Front	12-16.5-14PR		14-17.5-16PR	
Rear			27x10.5-15PR		10-16.5-12PR		
Other	Self weight		Kg	4650	4800	4950	
	Forks	Installation grade		IIIB		IIIB	
		thickness x width x length		mm	45x122x1070	50x122x1070	
	Dimensions	Overall length (without fork)		mm	2940	2980	
		Overall width		mm	1550	1550	
		Overall height	Mast extended		mm	4350	4350
			Mast retracted		mm	2185	2185
			overhead guard		mm	2210	2250
	Min. turning radius		mm	2910	2930		
	Min. ground clearance	Mast		mm	220	220	
Wheelbase center		mm	310	350			

4X4 OFF-ROAD FORKLIFT CATALOG





1	Model		FRT30A	FRT35A	FRT40A	FRT50A
2	Power Type		Diesel	Diesel	Diesel	Diesel
3	Rated Capacity	kg	3000	3500	4000	5000
4	Load Center Distance	mm	550	500	550	550
5	Drive Type		All-time 4WD	All-time 4WD	All-time 4WD	All-time 4WD
6	Standard Lift Height	mm	3000	3000	3000	3000
7	Fork Size(L*W*H)	mm	1220×125×45	1220×125×45	1370×120×50	1370×150×55
8	Mast inclination angle (F/R)	Deg	15/8	15/8	12/12	12/12
9	Overall Length (without fork)		3300	3300	3370	3500
10	Overall Width	mm	1780	1780	1900	1900
11	Overall Height (2 Stage 3m Mast)	mm	2380	2380	2525	2560
12	Mast Height	mm	2305	2305	2370	2560
13	Head Guard Height	mm	2380	2380	2525	2525
14	Ground Clearance	mm	280	280	310	310
15	Minimum Turning Radius	mm	3500	3500	3800	3900
16	Wheelbase	mm	1850	1850	1850	1950
17	Front wheel tread	mm	1330	1300	1570	1570
18	Rear wheel tread	mm	1400	1400	1400	1400
19	Self Weight	kg	5350	5550	6000	7100
20	Maximum Travel Speed	Km/h	28	26	32	32
21	Lifting Speed	Mm/s	400	400	430	400
22	Lowering Speed	mm/s	420	420	420	420
23	Maximum Gradeability	%	35	35	35	35
24	Front Tyre		14-17.5	14-17.5	16/70-20	16/70-20
25	Rear Tyre		10-16.5	10-16.5	10-16.5	10-16.5
26	Battery	V/Ah	12/120	12/120	24/120	24/60
27	Engine Manufacturer		Xinchai	Xinchai	YunNei	YunNei
28	Engine Model		4D35G	4D35G	YN4EZ070-32	YN4E088-30CR4
29	Rated Power/RPM	kw	48KW/2300	48KW/2300	60/2400	65/2400
30	Fuel Tank Capacity	L	80	80	90	100
31	Gearbox Model		265	265	265	280
32	Transmission Type		Hydrodynamic	Hydrodynamic	Hydrodynamic	Hydrodynamic
33	Optional engines	1	Yanmar 4TNE98 43KW	Yanmar 4TNE98 43KW	Cummins 4BTA3.9-C80 60KW	Cummins 4BTA3.9- C100 74KW
		2	xinchai A498BT1 36.8KW EuroIII	xinchai A498BT1 36.8KW EuroIII	/	/
		3	Xinchai 3E22YT51P604 44.8KW EuroV	Xinchai 3E22YT51P604 44.8KW EuroV	/	/
			Kohler KDI1903TCR 41KW T4	Kohler KDI1903TCR 41KW T4		

TOPWIN ELECTRIC FORKLIFT



Technical specs.:

Model			FE10	FE15	FE20	FE25	FE30	FE35
Driving Mode			seated	seated	seated	seated	seated	seated
Rated Capacity	Q	kg	1000	1500	2000	2500	3000	3500
Load Center	C	mm	500	500	500	500	500	500
Power Mode			lead-acid battery	lead-acid battery	lead-acid battery	lead-acid battery	lead-acid battery	lead-acid battery
Wheelbase	L1	mm	1335	1550	1550	1600	1850	1850
Tyre Type			solid tyre	solid tyre	solid tyre	solid tyre	Pneumatic tyre	Pneumatic tyre
Wheels Number (Front/Rear)			2/2	2/2	2/2	2/2	2/2	2/2
Front Track	W3	mm	910	945	945	1010	1002	1002
Rear Track	W2	mm	865	880	880	880	994	994
Tyre Size(Front)			15X4 1/2-8	18x7-10	18x7-10	6.5-10	28x9-15	28x9-15
Tyre Size(Rear)			15X4 1/2-8	16x6-8	16x6-8	16x6-8	18x7-8	18x7-8
Front Overhang	L2	mm	308	325	325	410	467	467
Tilt Of The Mast,Forward/Back ward	α/β	$^{\circ}$	5/10	5/10	5/10	5/10	5/10	5/10
Height,Mast Retraction	H1	mm	2017	2030	2030	2030	2057	2057
Free Lift Height	H3	mm	/	/	/	/	120	120
Maximum Lift Height	H	mm	3000	3000	3000	3000	3000	3000
Height,Mast Extended	H2	mm	3957	4055	4055	4055	4200	4200
Overhead Guard Height	H4	mm	1860	2110	2110	2110	2200	2200
Lateral Fork Adjustment(Outside Of Forks)	W5	mm	970/200	970/200	1040/100	1040/100	1100/244	1100/244
Fork Size(Txwxl)	T* W* L4	mm	30*100*1070	35*100*1070	40*100*1070	40*122*1070	45*122*1070	45*122*1070
Overall Length (Fork Excluded)	L'	mm	1980	2230	2230	2330	2547	2600
Overall Width	W1	mm	1020	1100	1100	1160	1225	1225
Turning Radius	R	mm	2050	2280	2280	2370	2300	2300
Ground Clearance Under Mast	H5	mm	77	88	88	88	82	82
Ground Clearance At Center Of Wheelbase(Full Load)	H6	mm	100	110	110	110	145	145
Width Of Aisle Right-Angle Stacking (Pallet 1000X1000Mm Clearance 200Mm)	Ast	mm	3400	3750	3750	3750	4100	4300
Width Of Aisle Right-Angle Stacking (Pallet 1200X1200Mm Clearance 200Mm)	Ast	mm	3650	3950	3950	3950	4300	4500
Travel Speed,Full Load/Without Load		km/h	10/11	9/10	9/10	9/10	10/10	10/10
Lifting Speed,Full Load/Without Load		mm/s	220/230	200/200	180/200	210/250	200/300	200/300

Lowering Speed, Full Load/Without Load	mm/s	550	450	450	450	450	450
Maximum Grade-Ability, Full Load/Without Load	%	15/20	15/20	15/20	15/20	12/20	12/20
Service Mass (With Battery)	kg	1570	2100	2650	3150	4300	4400
Battery Voltage /Nominal Capacity	V/Ah	60V/120Ah	60V/160Ah	60V/210Ah	72V/210Ah	72V/260Ah	72V/260Ah
Battery Weight	kg	180	207	300	360	430	430
Driving Motor Power-60 Minutes	kW	5	5	5	9	9	9
Lifting Motor Power-15 Minutes	kW	4.5	4.5	4.5	7.5	9	9
Driving Motor Controlling Mode		MOSFET/PM MSM	MOSFET/PM SM	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC
Lifting Motor Controlling Mode		MOSFET/PM MSM	MOSFET/PM SM	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC
Service Brake/Parking Brake		Hydraulic/M echnical	Hydraulic/Mec hanical	Hydraulic/Mec hanical	Hydraulic/Me chanical	Hydraulic/Me chanical	Hydraulic/Me chanical

