

General	Model		SI-FD80B-CY1(Big)	SI-FD100B-XC1	SI-FD80B-W3(Big)	SI-FD100B-W3	
	2	Power Type		Diesel	Diesel	Diesel	Diesel
3	Rated Capacity		kg	8000	10000	8000	10000
4	Load Centre		mm	600	600	600	600
5	Lift Height		mm	3000	3000	3000	3000
6	Fork Size	L × W × T	mm	1220 × 170 × 70	1220 × 175 × 80	1220 × 170 × 70	1220 × 175 × 80
7	Mast Tilt Angle	F/R	Deg	6°/12°	6°/12°	6°/12°	6°/12°
8	Front Overhang (Wheel center to fork face)		mm	750	750	750	750
9	Ground Clearance (Bottom of mast)		mm	250	250	250	250
10	Overall Dimension	Length to face of fork (Without fork)	mm	3980	4290	3980	4290
11		Overall Width	mm	2180	2180	2180	2180
12		Mast Lowered Height	mm	2830	2830	2830	2830
13		Mast Extended Height (With backrest)	mm	4330	4330	4330	4330
14		Overhead Guard Height	mm	2580	2580	2580	2580
15	Turning Radius (outside)		mm	3700	3950	3700	3950
16	Min. intersecting aisle		mm	3310	3590	3310	3590
17	Speed	Travel (Full load)	km/h	26	26	26	26
18		Lifting(Full load)	mm/s	380	310	380	310
19	Max. Gradeability		%	20	20	20	20
20	Tire	Front		9.00-20-14PR	9.00-20-14PR	9.00-20-14PR	9.00-20-14PR
21		Rear		9.00-20-14PR	9.00-20-14PR	9.00-20-14PR	9.00-20-14PR
22	Wheelbase		mm	2500	2800	2500	2800
23	Service weight		kg	10960	13300	10960	13300
24	Battery	Voltage/Capacity	V/Ah	(12V/80Ah)×2	(12V/80Ah)×2	(12V/80Ah)×2	(12V/80Ah)×2
25	Engine	Model		CY6102BG	XC6110	6BG1	
26		Manufacture		CHAOCHAI	XICHAI	ISUZU	
27		Rated output/p.m.	Kw/p.m	80.9/2500	83/2000	82.3/2000	
28		Rated torque/p.m.	Nm/p.m	353/1650	450/1400-1500	416/1400-1600	
29		No. of Cylinder		6	6	6	
30		Bore × Stroke	mm	102×118	110×125	105×125	
31		Displacement	cc	5785	7127	6494	
32		Fuel Tank Capacity	L	140	140	140	
33	Type			Powershift	Powershift	Powershift	
34	Transmission	Stage		2/2	2/2	2/2	
35	Operating Pressure for Attachment		Mpa	19	19	19	