

General	1 Model			SI-FD40B-P1	SI-FD45B-P1	SI-FD50B-P1(Small)	
	2 Power Type			Diesel	Diesel	Diesel	
	3 Rated Capacity		kg	4000	4500	5000	
	4 Load Centre		mm	500	500	500	
	5 Lift Height		mm	3000	3000	3000	
Characteristic&Dimension	6 Fork Size	L × W × T	mm	1070 × 125 × 50	1070×150×55	1070 × 150 × 55	
	7 Mast Tilt Angle	F/R	Deg	6°/12°	6°/12°	6°/12°	
	8 Front Overhang (Wheel center to fork face)		mm	570	570	570	
	9 Ground Clearance (Bottom of mast)		mm	158	158	158	
	10 Overall Dimension	Length to face of fork (Without fork)		mm	3090	3110	3110
		Overall Width		mm	1480	1480	1480
		Mast Lowered Height		mm	2350	2350	2350
		Mast Extended Height (With backrest)		mm	4180	4180	4180
		Overhead Guard Height		mm	2290	2290	2290
	15 Turning Radius (outside)		mm	2740	2740	2740	
	16 Min. intersecting aisle		mm	2720	2720	2720	
	Performance	17 Speed	Travel (Full load)	km/h	24	24	24
			Lifting(Full load)	mm/s	450	450	440
		19 Max. Gradeability		%	19	19	19
20 Tire		Front		300-15-18PR	300-15-18PR	300-15-18PR	
		Rear		7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	
22 Wheelbase		mm	2000	2000	2000		
23 Service Weight		kg	6150	6370	6670		
24 Battery	Voltage/Capacity		V/Ah	(12V/80Ah)×2	(12V/80Ah)×2	(12V/80Ah)×2	
Power& Transmission	25 Engine	Model		1104D-44			
		Manufacture		Perkins			
		Rated output/r.p.m.		Kw/r.p.m	56/2200		
		Rated torque/r.p.m.		Nm/r.p.m	260/1900		
		No.of Cylinder		4			
		Bore × Stroke		mm	105 × 127		
		Displacement		cc	4400		
		Fuel Tank Capacity		L	90		
	26 Transmission	Type		Powershift			
		Stage	FWD/RVS	2/1			
35 Operating Pressure for Attachment		Mpa	17.5	17.5	19		