

Specifications		Unit	FD40 (mechanical)	FD45 (mechanical)	FD45	FD50(Mini)	
Characteristics	Power		diesel	diesel	diesel	diesel	
	Rated Capacity	kg	4000	4500	4500	5000	
	Center of load	mm	500	500	500	500	
	Lifting height	mm	3000	3000	3000	3000	
	Free lifting height	mm	146	146	146	146	
	Forks L×W×H	mm	1070×150×50	1070×150×50	1070×150×50	1070×150×50	
	Tilt Forward/Backward	°	06-dic	06-dic	06-dic	06-dic	
	Min.turning radius	mm	2760	2760	2760	2800	
	Min.ground clearance(Mast)	mm	160	160	160	160	
	Overhead guard height	mm	2350	2350	2350	2350	
	Height from seat to overhead guard	mm	1040	1040	1040	1040	
Front overhang	mm	558	558	565	565		
Perf	Max.traveling speed(loaded)	km/h	18	18	18	18	
	Max.lifting speed (loaded/empty)	mm/s	380/400	380/400	410/430	410/430	
	Drawbar pull/Gradeability	kN/%	22/20	22/20	22/20	22/20	
Dimensions	Overall length (without fork)	mm	3060	3060	3060	3100	
	Overall width	mm	1490	1490	1490	1490	
	Mast lowered height	mm	2355	2355	2355	2355	
	Mast extended height	mm	4257	4257	4257	4257	
Chassis	Tire	Front	8.25-15-14PR	8.25-15-14PR	300-15-18PR	300-15-18PR	
		Rear	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	
	Wheelbase	mm	2000	2000	2000	2000	
	Tread width	Front/Rear	mm	1180/1190	1180/1190	1180/1190	1180/1190
	Curb weight	None-load	kg	6090	6320	6380	6600
Powertrain	Battery	Voltage/Capacity	V/Ah	(12/90)×2	(12/90)×2	(12/90)×2	(12/90)×2
	Engine	Model		XC 4D35G	XC 4D35G	QC 4JR3	QC 4JR3
		Rated power	kw/r.p.m	48/2300	48/2300	60/2200	60/2200
		Rated torque	Nm/r.p.m	230/1600-1800	230/1600-1800	300/1600-1800	300/1600-1800
		Cylinder amount		4	4	4	4
		Bore×Stroke	mm	98x115	98x115	108×135	108×135
		Displacement	L	3.47	3.47	4.95	4.95
	Fuel tank		L	100	100	100	100
	Transmission			2/2 mechanical transmission		1/1 automatic transmission	
Working pressure	MPa		18.5	18.5	18.5	18.5	