

Specifications			Unit	FD30Z	FD35Z	FD38Z
Characteristics	Power		—	diesel	diesel	diesel
	Rated Capacity		kg	3000	3500	3800
	Center of load		J(mm)	500	500	500
	Lifting height		h1(mm)	3000	3000	3000
	Free lifting height		h3(mm)	145	145	90
	Forks L×W×H		L5×W×T(mm)	1070×125×45	1070×125×45	1070×150×50
	Tilt Forward/Backward		°	6/12	6/12	6/12
	Min.turning radius		R1(mm)	2600	2600	2650
	Min.ground clearance(Mast)		m(mm)	120	120	135
	Overhead guard height		h4(mm)	2170	2170	2170
	Height from seat to overhead guard		L3(mm)	480	480	501
	Front overhang		L4(mm)	545	545	595
Perf	Max.traveling speed(loaded)		km/h	20	20	20
	Max.lifting speed (loaded/empty)		mm/s	470/520	470/520	470/520
	Drawbar pull/Gradeability		kN/%	18/20	18/20	18/20
Dimensions	Overall length (without fork)		L1(mm)	3895	3895	3966
	Overall width		W1(mm)	1230	1230	1230
	Mast lowered height		h2(mm)	2065	2095	2170
	Mast extended height		mm	4260	4265	4263
Chassis	Tire	Front	—	28×9-15-12PR	28×9-15-12PR	250-15-16PR
		Rear	—	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	Wheelbase		L2(mm)	1800	1800	1800
	Tread width	Front/Rear	S/P(mm)	1000/970	1000/970	1000/970
	Curb weight	None-load	kg	4250	4450	4800
Powertrain	Battery	Voltage/Capacity	V/Ah	12/90	12/90	12/90
	Engine	Model	—	QC490GP	QC490GP	QC495G
		Rated power	kw/r.p.m	39/2650	39/2650	42/2650
		Rated torque	N·m/r.p.m	157/1980	157/1980	174/1980
		Cylinder amount	—	4	4	4
		Bore×Stroke	mm	90×105	90×105	95×105
		Displacement	L	2.67	2.67	2.98
	Fuel tank		L	70	70	70
	Transmission		—	1/1 automatic transmission		
	Working pressure		MPa	17.5	17.5	17.5