

Specifications			unit	FD100
Characteristics	Power			diesel
	Rated Capacity		kg	10000
	Center of load		mm	600
	Lifting height		mm	3000
	Free lifting height		mm	220
	Forks L×W×H		mm	1220×175×80
	Tilt Forward/Backward		°	06-dic
	Min.turning radius		mm	3900
	Min.ground clearance(Mast)		mm	250
	Overhead guard height		mm	2600
	Height from seat to overhead guard		mm	1090
	Front overhang		mm	715
Perf	Max.traveling speed(loaded)		km/h	26
	Max.lifting speed (loaded/empty)		mm/s	290/350
	Drawbar pull/Gradeability		kN/%	57/20
Dimensions	Overall length (without fork)		mm	4260
	Overall width		mm	2230
	Mast lowered height		mm	2850
	Mast extended height		mm	4335
Chassis	Tire	Front		9.00-20-14PR
		Rear		9.00-20-14PR
	Wheelbase		mm	2800
	Tread width	Front/Rear	mm	1600/1700
	Curb weight	None-load	kg	12500
Powertrain	Battery	Voltage/Capacity	V/Ah	(12/90)x2
	Engine	Model		XC6110
		Rated power	kw/r.p.m	83/2000
		Rated torque	Nm/r.p.m	450/1450
		Cylinder amount		6
		Bore×Stroke	mm	110×125
		Displacement		7.127
	Fuel tank		L	140
	Transmission			1/1 automatic transmission
	Working pressure		MPa	20