

EFFO FD20/FD25 Technology Specification

Features	1	Manufacturer			TEU	TEU	
	2	Model		Power shift T/M	FD20T	FD25T	
				Manual shift	FD20C	FD25C	
	3	Load capacity		kg	2000	2500	
	4	Load center		mm	500	500	
	5	Power unit			Diesel	Diesel	
	6	Operator type			Driver/seat	Driver/seat	
	7	Tire type			Pneumatic	Pneumatic	
8	Wheel	Front/rear			2/2	2/2	
Dimension	9	Max. lifting height		mm	3000	3000	
	10	Free lift		mm	160	160	
	11	Fork size	L*W*T	mm	1070*122*40	1070*122*40	
	12	Tilt range	Mast forward/backward	deg	6/12	6/12	
	13	Overall length(without fork)		mm	2460	2530	
	14	Total width		mm	1150	1150	
	15	Mast height (fork lowering)		mm	1995	1995	
	16	Overall height fork raised	With backrest	mm	4030	4030	
	17	Height to head guard		mm	2120	2120	
	18	Turning raduis(outside)		mm	2170	2240	
	19	Front face of fork to front axle		mm	450	450	
20	Min. right angle stacking aisle	without load length&clearence	mm	2615	2690		
Performance	21	Speed	Max Travelling	full/no load	km/h	17/19	17/19
			Lifting	full/no load	mm/s	550/580	550/580
			Lowering	full/no load	mm/s	450/550	450/550
	24	Max.drawbar pull	Power shift T/M	full/no load	kg	1670/830	1670/830
			Manual shift T/M	full/no load	kg	1700/830	1700/830
	25	Gradeability at 1.6km/h	Power shift T/M	full/no load	%	27/20	23/18
Manual shift T/M			full/no load	%	21/20	18/18	
Weight	26	Truck weight		kg	3330	3670	
	27	Weight distribution	Full load	front/rear	kg	4700/630	5410/760
			No load	front/rear	kg	1510/1820	1430/2240
Frame	29	Tires	Number	front/rear		2/2	2/2
			Model	front axle		7.00-12-12PR	7.00-12-12PR
				rear axle		6.00-9-10PR	6.00-9-10PR
	32	Wheelbase		mm	1600	1600	
	33	Tread	Front/rear	mm	970/970	970/970	
	34	Ground clearence	At lowest point(mast)	mm	110	110	
			Frame	mm	115	115	
35	Brake	Service brake			Hydraulic-foot pedal		
		Parking brake			Mechanical-hand lever		
Engine	36	Battery	Voltage/capacity	V/AH	12/80	12/80	
	37	Engine	Model		ISUZU C240	ISUZU C240	
			Rated power	kw/rpm	34.3/2500	34.3/2500	
			Rated torque	N.m/rpm	138/1800	138/1800	
			Number of cylinders		4	4	
			Placement	L	2.369	2.369	
			Fuel tank capacity	L	70	70	
	38	Transmission	Speed forward/backward	Power shift T/M Manual shift		1-1 power shift T/M 2-2 manual shift T/M	
39	Operating pressure	Hydraulic system pressure	kg/cm ²	180	180		