

EFFO FD30/FD35/FD40 Technology Specification

Features	1	Manufacturer			TEU	TEU	TEU	
	2	Model		Power shift T/M	FD30T	FD35T	FD40T	
				Manual shift T/M	FD30C	FD35C	FD40C	
	3	Load capacity		kg	3000	3500	4000	
	4	Load center		mm	500	500	500	
	5	Power unit			Diesel	Diesel	Diesel	
	6	Operator type			Driver/seat	Driver/seat	Driver/seat	
	7	Tire type			Pneumatic	Pneumatic	Pneumatic	
8	Wheel	Front/rear			2/2	2/2	2/2	
Dimension	9	Max. lifting height		mm	3000	3000	3000	
	10	Free lift		mm	150	150	150	
	11	Fork size	L*W*T	mm	1070*125*45	1070*125*50	1070*150*50	
	12	Tilt range	Mast forward/backward	deg	6/12	6/12	6/12	
	13	Overall length(without fork)		mm	2705	2760	2870	
	14	Total width		mm	1225	1285	1365	
	15	Mast height (fork lowering)		mm	2075	2075	2150	
	16	Overall height fork raised	With backrest	mm	4250	4250	4250	
	17	Height to head guard		mm	2140	2140	2140	
	18	Turning radius(outside)		mm	2445	2495	2530	
	19	Front face of fork to front axle		mm	480	485	485	
	20	Min. right angle stacking aisle	without load length&clearance	mm	2925	2975	2940	
Performance	21	Speed	Max Travelling	full/no	km/h	18/19.5	18/19.5	16.5/18
	22		Lifting	full/no load	mm/s	450/500	450/500	380/480
	23		Lowering	full/no	mm/s	450/450	450/420	450/420
	24	Max.drawbar pull	Power shift T/M	full/no	kg	1500/1000	2200/1000	2200/1000
			Manual shift T/M	full/no	kg	1550/1000	2200/1000	2200/1000
	25	Gradeability at 1.6km/h	Power shift T/M	full/no	%	18/20	18/20	18/20
Manual shift T/M			full/no	%	18/20	18/20	18/20	
Weight	26	Truck weight		kg	4380	4780	5050	
	27	Weight distribution	Full load	front/rear	kg	6490/890	7380/900	7890/1140
			No load	front/rear	kg	1670/2700	1820/2960	1810/3240
Frame	29	Tires	Number	front/rear		2/2	2/2	2/2
	30		Model	front axle		28x9-15-12PR	28x9-15-12PR	250-15-16PR
				rear axle		6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	31							
	32	Wheelbase		mm	1700	1700	1800	
	33	Tread	Front/rear	mm	1000/970	1060/970	1120/970	
	34	Ground clearance	At lowest point(mast)	mm	120	120	120	
Frame			mm	135	135	135		
35	Brake	Service brake		Hydraulic-foot pedal				
		Parking brake		Mechanical-hand lever				
Engine	36	Battery	Voltage/capacity	V/AH	12/80	12/80	12/80	
	37	Engine	Model		ISUZU C240	ISUZU 4JG2	ISUZU 4JG2	
			Rated power	kw/rpm	34.3/2500	44.8/2450	44.8/2450	
			Rated torque	N.m/rpm	138/1800	186/1800	186/1800	
			Number of cylinders		4	4	4	
			Placement	L	2.369	3.059	3.059	
			Fuel tank capacity	L	70	70	70	
	38	Transmission	Speed forward/backward	Power shift T/M Manual shift T/M	1-1 power shift T/M 2-2 manual shift T/M			
39	Operating pressure	Hydraulic system pressure	kg/cm ²	180	180	180		