

EFFECTO FD30/35 Technology Specification

Features	1	Manufacturer			TEU		
	2	Model			Power shift T/M	FD30T	FD35T
					Manual shift T/M	FD30C	FD35C
	3	Load capacity		kg	3000		
	4	Load center		mm	500		
	5	Power unit			Diesel		
	6	Operator type			Driver/seat		
	7	Tire type		Front/rear	Pneumatic		
8	Wheel		Front/rear	2/2			
Dimension	9	Max. lifting height		mm	3000		
	10	Free lift		mm	150		
	11	Fork size		L*W*T	mm	1070*125*45 1070*125*50	
	12	Tilt range		Mast forward/backward	deg	6/12	
	13	Overall length(without fork)		mm	2705	2760	
	14	Total width		mm	1225	1285	
	15	Mast height (fork lowering)		mm	2075		
	16	Overall height fork raised		With backrest	mm	4250	
	17	Height to head guard		mm	2140		
	18	Turning radius(outside)		mm	2445	2495	
	19	Front face of fork to front axle		mm	480	485	
	20	Min. right angle stacking aisle		without load length&clearance	mm	2925	2975
Performance	21	Speed	Max Travelling full/no load	km/h	18/19.5		
	22		Lifting full/no load	mm/s	450/500	450/500	
	23		Lowering full/no load	mm/s	450/450	450/420	
	24	Max.drawbar pull		Power shift T/M full/no load	kg	1500/1000	2100/1000
				Manual shift T/M full/no load	kg	1550/1000	2100/1000
	25	Gradeability at 1.6km/h		Power shift T/M full/no load	%	18/20	18/20
Manual shift T/M full/no load				%	18/20	18/20	
Weight	26	Truck weight		kg	4380	4780	
	27	Weight distribution		Full load front/rear	kg	6490/890	7380/900
				No load front/rear	kg	1670/2700	1820/2960
Frame	29	Tires		Number	front/rear	2/2	
	30			Model	front axle	28x9-15-12PR	
	31				rear axle	6.50-10-10PR	
	32	Wheelbase		mm	1700		
	33	Tread		Front/rear	mm	1000/970	1060/970
				At lowest point(mast)	mm	120	
	34	Ground clearance		Frame	mm	135	
				Service brake		Hydraulic-foot pedal	
35	Brake		Parking brake		Mechanical-hand lever		
Engine	36	Battery		V/AH	12/80		
	37	Engine		Model		ISUZU C240	ISUZU 4JG2
				Rated power	kw/rpm	34.3/2500	44.8/2450
				Rated torque	N.m/rpm	138/1800	186/1800
				Number of cylinders		4	4
				Placement	L	2.369	3.059
				Fuel tank capacity	L	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		

FD40T Technology Specifications

Features	Model			FD40T	
	Load capacity		kg	4000	
	Load center		mm	500	
	Max. lifting height(VM300 mast)		mm	3000	
	Free lift (VM mast)		mm	150	
	Speed	Max Travelling full/no load		km/h	16.5/18
		Lifting full/no load		mm/s	380/480
		Lowering full/no load		mm/s	450/420
	Turning radius (outside)		mm	2560	
	Right angle stacking aisle width		mm	4450	
Dimension	Total length (without fork)		mm	3890	
	Total width		mm	1345	
	Mast height(fork lowered)		mm	2150	
	Overall height fork raised(with backrest)		mm	4250	
	Height to head guard		mm	2140	
	Fork size	L*W*T	mm	1070*150*50	
	Tilt range	Mast forward/backward	deg	6/12	
	Ground clearance	At lowest point(mast)		mm	120
		Frame		mm	135
	Wheelbase		mm	1800	
	Tread	front	mm	1120	
		rear	mm	970	
	Front face of fork to front axle		mm	485	
Truck weight		kg	5100		
Weight	Full Load	Front axle	kg	7880	
		Rear axle	kg	1220	
	No Load	Front axle	kg	1900	
		Rear axle	kg	3200	
Tires	Front axle (Solid tire)			28*9-15	
	Rear axle (Solid tire)			6.50-10	
Engine	Model			ISUZU 4JG2	
	Rated power		kw-rpm	35.4/2250	
	Rated torque		Nm- rpm	170/1700	
	Number of cylinder			4	
	Displacement		L	3.059	