

EFFECTIVE FG30/35 Technology Specification

Specification	1	Manufacturer				TEU	
	2	Model			Power shift T/M	FG30T	FG35T
					Manual shift T/M	FG30C	FG35C
	3	Load capacity			kg	3000	3500
	4	Load center			mm	500	
	5	Power unit				gasoline/LPG	
	6	Operator type				Driver/seat	
	7	Tire type				Pneumatic	
8	Wheel		Front/rear		2/2		
Dimensions	9	Max. lifting height (VM300)			mm	3000	
	10	Free lift (VM300)			mm	150	
	11	Fork size	LxWxT		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 (VM300 fork lowering)			mm	2075	
	16	Overall height fork raised (VM300 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			mm	2925	2975	
Performance	21	Speed	Max Travelling	full load/no load	km/h	18/19.5	18/19.5
	22		Lifting	full load/no load	mm/s	450/500	450/500
	23		Lowering	full load/no load	mm/s	450/450	450/420
	24	Max.drawbar pull	power shift T/M	full/no load	Kg	1300/1000	1800/1000
			manual shift T/M	full/no load	Kg	1350/1000	1900/1000
25	Gradeability at 1.6km/h	power shift T/M	full/no load	%	17/20	17/20	
		manual shift T/M	full/no load	%	17/20	17/20	
weights	26	Truck weight			kg	4300	4700
	27	Weight distribution	full load	front/rear	kg	6450/850	7340/860
	28		no load	front/rear	kg	1630/2670	1790/2910
Chassis&Wheels	29	front wheel				28*9-15-12PR	
	30	rear wheel				6.50-10-10PR	
	31	Wheelbase			mm	1700	
	32	Tread		front/rear	mm	1000/970	1060/970
	33	Ground clearance	At lowest point(mast)		mm	120	
			Frame		mm	135	
34	Brake	Service brake			Hydraulic-foot pedal		
		Parking brake			Mechanical-hand lever		
Drive Line	35	Battery		Voltage/capacity		12/60	
	36	Engine	Model			NISSAN K21	
			Rated power		kw/rpm	31.2/2250	
			Rated torque		Nm/rpm	144/1600	
			Number of cylinders			4	
			Placement		cc	2065	
	37	Fuel tank capacity			L	70	
	38	Transmission	Speed forward/backward		Power shift T/M	1-1 power shift T/M	
Manual shift T/M					2-2 manual shift T/M		
39	Operating pressure	Hydraulic system pressure		Kg/cm ²	180		

FG40T Technical Specifications

Features	1	Model			FG40T	
	2	Load capacity		kg	4000	
	3	Load center		mm	500	
	4	Max. lifting height(VM300 mast)		mm	3000	
	5	Free lift (VM mast)		mm	150	
	6	Speed	Max Travelling	full/no load	km/h	15.5/17
			Lifting	full/no load	mm/s	320/450
			Lowering	full/no load	mm/s	450/420
7	Turning radius (outside)		mm	2560		
8	Right angle stacking aisle width(200mm)		mm	3040		
Dimension	9	Total length (without fork)		mm	3890	
	10	Total width		mm	1345	
	11	Mast height(fork lowered)		mm	2150	
	12	Overall height fork raised(with backrest)		mm	4250	
	13	Height to head guard		mm	2140	
	14	Fork size	L*W*T	mm	1070*150*50	
	15	Tilt range	Mast forward/backward		deg	6/12
	16	Ground clearance	At lowest point(mast)		mm	120
			Frame		mm	135
	17	Wheelbase		mm	1800	
	18	Tread	front	mm	1120	
			rear	mm	970	
19	Front face of fork to front axle		mm	485		
20	Truck weight		kg	5050		
Weight	21	Full Load	Front axle	kg	7860	
			Rear axle	kg	1190	
	22	No Load	Front axle	kg	1870	
			Rear axle	kg	3180	
Tires	23	Front axle (Solid tire)			28x9-15	
	24	Rear axle (Solid tire)			6.50-10	
Engine	25	Model			NISSAN K25	
	26	Rated power		kw-r/min	37.4/2300	
	27	Rated torque		Nm- r/min	18/1600	
	28	Number of cylinder			4	
	29	Displacement		L	2.488	