

## EFFO FCG20/FCG25 Technology Specification

<b>Performance</b>	Manufacturer				TEU	TEU	
	Model			Power shift T/M	<b>FCG20T</b>	<b>FCG25T</b>	
	Load capacity			kg	2000	2500	
	Load center			mm	500	500	
	Max. lifting height(VFHM480 MAST )				mm	4800	4800
	Free lift(VFHM480 MAST )				mm	1116	1116
	Speed	Max Travelling	full load	km/h		17.5	17.5
			no load			18	18
		Lifting	full load	mm/s		550	550
			no load			580	580
	Lowering	full load			450	450	
		no load	mm/s		550	550	
Turning raduis(outside)				mm	1978	2030	
Min. right angle stacking aisle				mm	2425	2477	
Overall length(without fork)				mm	2258	2310	
<b>Dimensions</b>	Total width				mm	1150	
	Mast height (VFHM480 fork lowering)				mm	2156	
	Overall height fork raised(VFHM480 with backrest)				mm	5830	
	Height to head guard				mm	2120	
	Fork size		LxWxT		mm	1070*122*40	1070*122*40
	Tilt range		Mast forward/backward		deg	6-6	6-6
	Ground clearance	At lowest point(mast)			mm	110	110
		Frame			mm	116	116
	Wheelbase				mm	1400	1400
	Tread			front	mm	970	970
				rear	mm	950	950
Front face of fork to front axle				mm	445	445	
<b>weights</b>	Truck weight				kg	3445	3795
	Weight distribution	full load	front	kg	4730	5532	
			rear	kg	715	763	
		no load	front	kg	1380	1345	
rear			kg	2065	2450		
<b>Tires</b>	front wheel(cushion tire)					21*8*15	21*8*15
	rear wheel(cushion tire)					16.25*6*11.25	16.25*6*11.25
<b>Engines</b>	Model					<b>NISSAN K21</b>	<b>NISSAN K21</b>
	Rated power			kw/rpm		31.2/2250	31.2/2250
	Rated torque			Nm/rpm		144/1600	144/1600
	Number of cylinders					4	4
	Placement			L		2.065	2.065