

## FD100T Technology Specification

<b>Features</b>	1	Manufacturer			<b>TEU</b>	
	2	Model			FD100T	
	3	Load capacity		kg	10000	
	4	Load center		mm	600	
	5	Power unit			Diesel	
	6	Operator type			Driver/seat	
	7	Tire type			Pneumatic	
	8	Wheel	Front/rear			4/2
<b>Dimension</b>	9	Max. lifting height		mm	3000	
	10	Free lift		mm	205	
	11	Fork size	L*W*T	mm	1220*175*75	
	12	Tilt range	Mast forward/backward	deg	6/12	
	13	Overall length(without fork)		mm	4255	
	14	Total width		mm	2245	
	15	Mast height (fork lowering)		mm	2850	
	16	Overall height fork raised	With backrest	mm	4330	
	17	Height to head guard		mm	2560	
	18	Turning radius(outside)		mm	3900	
	19	Front face of fork to front axle		mm	710	
	20	Min. right angle stacking aisle	pallet size :1100×1100 add clearance	mm	6250	
<b>Performance</b>	21	Speed	Max Travelling	full/no load	km/h	24/30
	22		Lifting	full/no load	mm/s	390/410
	23		Lowering	full/no load	mm/s	470/340
	24	Max.drawbar pull	full/no load	kg	5850/3200	
	25	Gradeability at 1.6km/h	full load	%	22	
		Max. Gradeability	full/no load	%	24/20	
<b>Weight</b>	26	Truck weight		kg	12450	
	27	Weight distribution	Full load	front/rear	kg	20160/2290
	28		No load	front/rear	kg	5480/6970
<b>Frame</b>	29	Tires	Number		front/rear	4/2
	30		Model		front axle	9.00x20-14PR
	31				rear axle	9.00x20-14PR
	32	Wheelbase		mm	2800	
	33	Tread	Front/rear	mm	1600/1700	
	34	Ground clearance	At lowest point(mast)	mm	245	
			Frame	mm	320	
	35	Brake	Service brake		power brake	
Parking brake				Mechanical-hand lever		
<b>Engine</b>	36	Battery	Voltage/capacity	V/AH	2x12V-80AH	
	37	Engine	Model		<b>ISUZU 6BG1</b>	
			Rated power	kw/rpm	82.3/2000	
			Rated torque	N-m/rpm	418/1500	
			Number of cylinders		6	
			Displacement	L	6.494	
			Fuel tank capacity	L	140	
	38	Transmission	shift stage(front/rear-type)		2-2 automatic	
39	Operating pressure	Hydraulic system pressure	kg/cm <sup>2</sup>	200		