

BX50 SERIES

● STANDARD SPECIFICATIONS

		Manufacturer's Designation		FG25HT-17	FD25HT-17		
Characteristics	1.2	Model		Gasoline	Diesel		
	1.3	Power Type	Electric, Diesel, Gasoline, LPG, Cable	Sitting	Sitting		
	1.4	Operation Type		2500	2500		
	1.5	Rated Capacity	Q	kg	500	500	
	1.6	Load Center	c	mm	2260	2260	
	1.6.1	Alternative Capacity	Q ₂	Capacity @600mm Load Center	kg	465	465
	1.8	Load Distance	x	Front Axle Center to Fork Face	mm	1650	1650
	1.9	Wheelbase	y		mm	3590	3680
	Weight	2.1	Service Weight		kg	5420	5475
2.2		Axle Loading	Loaded	Front	kg	670	705
2.2.1				Rear	kg	1430	1470
2.3			Unloaded	Front	kg	2160	2210
2.3.1				Rear	kg		
Tyre	3.1	Tyre Type		Pneumatic	Pneumatic		
	3.2	Tyre Size	Front	7.00-12-12PR(I)	7.00-12-12PR(I)		
	3.3		Rear	6.00-09-10PR(I)	6.00-09-10PR(I)		
	3.5	Number of Wheels	Front/Rear(x=driven)	2*/2	2*/2		
	3.6	Tread, Front	b ₁₀	mm	965	965	
	3.7	Tread, Rear	b ₁₁	mm	960	960	
	4.1	Tilting Angle	α/β	Forward/Backward	degree	6/12	6/12
Dimensions	4.2	Mast Height, Lowered	h ₁	2-stage Std. Mast	mm	1995	1995
	4.3	Std. Free Lift	h ₂	2-stage Std. Mast from Ground	mm	155	155
	4.4	Std. Lift Height	h ₃	2-stage Std. Mast from Ground	mm	3000	3000
	4.5	Mast Height, Extended	h ₄	2-stage Std. Mast	mm	4050	4050
	4.7	Height, Overhead Guard	h ₆		mm	2110	2110
	4.19	Length, with Std. Forks	L ₁		mm	3655	3655
	4.20	Length, to Fork Face	L ₂		mm	2585	2580
	4.21	Width, at Tyre	b ₁	Single	mm	1150	1150
	4.22	Forks	s/e/l	Thickness/Width/Length	mm	40x122x1070	40x122x1070
	4.23	Fork Carriage Class	ISO 2328, Type A/B/no			Class 2, Type A	Class 2, Type A
	4.24	Width, Fork Carriage	b ₂		mm	1020	1020
	4.31	Ground Clearance	m ₁	Under Mast	mm	115	115
	4.32		m ₂	at Center of Wheelbase	mm	160	160
	4.33	Right Angle Stacking Aisle	A _{st}	with L1000xW1200 pallet	mm	3775*	3775*
	4.34		A _{st}	with L1200xW800 pallet	mm	3905*	3905*
4.35	Turning Radius	W _a		mm	2240	2240	
Performance	5.1	Travel Speed (FWD)	Loaded, 1st/2nd	km/h	19.0	18.5	
			Unloaded, 1st/2nd	km/h	19.5	19.0	
	5.2	Lifting Speed	Loaded	mm/s	620	660	
			Unloaded	mm/s	670	710	
	5.3	Lowering Speed	Loaded	mm/s	450	450	
			Unloaded	mm/s	500	500	
	5.6	Max. Drawbar Pull	Loaded, 1.5km/h, 3min rating	KN	19	18.1	
	5.8	Max. Gradeability	Loaded, 1.5km/h, 3min rating	%	32	31	
	5.10	Service Brake	Operation/Control		Foot/Hydraulic	Foot/Hydraulic	
	5.11	Parking Brake	Operation/Control		Hand/Mechanical	Hand/Mechanical	
	5.12	Steering	Type		FHPS	FHPS	
	6.4	Battery	Voltage/Capacity at 5-hour rating	V/ah	12/33	12/64	
I.C. Engine	7.1	Make / Model		NISSAN K25	Komatsu 4D98E		
	7.2	Rated Output, SAE net		KW	42.6@2400	44.1@2450	
	7.3	Rated RPM		min ⁻¹	2400	2450	
	7.3.1	Max. Torque, SAE net		Nm@min ⁻¹	186@1600	183@1500	
	7.4	No. of Cylinders/Displacement		cm ³	4-2488	4-3318	
	7.6	Fuel Tank Capacity		Ltr	58	58	
Others	8.2	Relief Pressure for Attachment		bar	181	181	
	8.6	Clutch			T/C	T/C	
	8.7	Transmission			TORQFLOW	TORQFLOW	

*: Add clearance

T/C: Torque Converter

FG25HT-17, FD25HT-17

● CAPACITY CHART

