

Baoli

Lifting the World



KB 2.5 – 3.5T Internal Combustion Forklift Trucks
(Diesel)

		BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	BAOLI		
Characteristics	1.1	Manufacturer		BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	
	1.2	Model designation		KB25	KB25	KB30	KB30	KB30	KB35	KB35	
	1.3	Power type: Battery, Diesel, Gasoline, LPG, Network Power (Electric)		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	
	1.4	Operation Type: Hand, stand on, Driver seated		Driver seated	Driver seated	Driver seated	Driver seated	Driver seated	Driver seated	Driver seated	
	1.5	Load Capacity	Q (Kg)	2500	2500	3000	3000	3000	3500	3500	
	1.6	Load center	C (mm)	500	500	500	500	500	500	500	
	1.8	Axle centre to fork face	X (mm)	484	484	484	484	484	484	484	
	1.9	Wheel base	Y (mm)	1700	1700	1700	1700	1700	1700	1700	
	Weights	2.1	Service Weight	Kg	3950	3960	4400	4260	4320	4880	4700
		2.2	Axle weight with Rated Load front/rear	Kg	6340/610	5980/680	6610/580	6460/800	6400/860	7300/1100	7080/1140
2.3		Axle weight without Load front/rear	Kg	1880/2250	1680/2280	1820/2640	1700/2560	1700/2600	1640/3240	1480/3240	
Wheels	3.1	Tyres: SE=(Super elastic), PN=(Pneumatic)		PN	PN	PN	PN	PN	PN	PN	
	3.2	Tyres size, front		28×9-15-14PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR	
	3.3	Tyres size, rear		6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	
	3.6	Front Track Width	b10 (mm)	1000	1000	1000	1000	1000	1000	1000	
Dimensions	3.7	Rear Track Width	b11 (mm)	970	970	970	970	970	970	970	
	4.1	Mast lift, forward/backward	α/β (°)	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	
	4.2	Height of mast, lowered	h1 (mm)	2040	2040	2035	2035	2035	2180	2180	
	4.3	Free lift	h2 (mm)	100	100	100	100	100	100	100	
	4.4	Lift height	h3 (mm)	3000	3000	3000	3000	3000	3000	3000	
	4.5	Height of mast, extended	h4 (mm)	4050	4050	4273	4273	4273	4273	4273	
	4.7	Height of Overhead Guard (cabin)	h6 (mm)	2108	2108	2108	2108	2090	2108	2108	
	4.8	Seat Height	h7 (mm)	1085	1085	1085	1085	1070	1085	1085	
	4.12	Drawbar Height	h10 (mm)	300	300	300	300	300	300	300	
	4.19	Overall Length	L1 (mm)	3735	3735	3785	3785	3780	3885	3885	
	4.20	Length to Face of Forks	L2 (mm)	2685	2665	2715	2715	2710	2815	2815	
	4.21	Overall Width	b1 (mm)	1225	1225	1225	1225	1236	1225	1225	
	4.22	Fork Arms Dimensions to DIN ISO2331	s/e/l (mm)	40/122/1070	40/122/1070	45/125/1070	45/125/1070	45/125/1070	50/125/1070	50/125/1070	
	4.23	Fork Carriage in Compliance with ISO 2328 Class/Form A,B		A	A	A	A	A	A	A	
	4.24	Fork Carriage Width	b3 (mm)	1040	1040	1100	1100	1100	1100	1100	
	4.31	Ground Clearance below Mast(with load)	m1 (mm)	135	135	135	135	135	135	135	
	4.32	Ground Clearance Centre of Wheelbase(with load)	m2 (mm)	140	140	140	140	140	140	140	
	4.34.1	Working Aisle Width with pallet 1000×1200 (1200 across forks)	Ast (mm)	4124	4124	4144	4144	4144	4224	4224	
	4.34.2	Working Aisle Width with pallet 800×1200 (1200 along forks)	Ast (mm)	4324	4324	4344	4344	4344	4424	4424	
	4.35	Turning Radius	Wa (mm)	2440	2440	2460	2460	2460	2540	2540	
	4.36	Turning Point Minimum Distance from the Truck Center Line	b13 (mm)	810	810	810	810	810	810	810	
	Performances	5.1	Travel Speed with/without load	km/h	15/16.2	18.5/20	16.5/17	18.5/20	18.9/19.5	16/17	18.5/20
		5.2	Lifting Speed with/without load	mm/s	498/658	320/530	522/597	400/430	436.1/502.5	561/588	380/430
		5.3	Lowering Speed with/without load	mm/s	485/370	475/360	479/393	450/400	449.8/475.4	491/398	480/400
5.5		Drawbar Pull Tractive Effort (at 2km/h) with/without load	KN	15/10	15/10	15/10	15/10	15/10	16/10	17/10	
5.7		Gradeability (at 2km/h) with/without load	%	20	20	20	20	20	15	15	
5.10		Service Brake		Mechanical/Hydraulic	Mechanical/Hydraulic	Mechanical/Hydraulic	Mechanical/Hydraulic	Mechanical/Hydraulic	Mechanical/Hydraulic	Mechanical/Hydraulic	
Drive		7.1	Engine Manufacturer/Engine Type		MITSUBISHI S4S-455	WEICHAI WP2.7	MITSUBISHI S4S-455	WEICHAI WP2.7	ISUZU C240	MITSUBISHI S4S-455	WEICHAI WP2.7
	7.2	Engine Power in compliance with ISO 1585	Kw	34.4	40	34.4	40	35.4	34.4	40	
	7.3	Rated Number of Revolutions	/min	2250	2650	2250	2650	2500	2250	2650	
	7.4	Cylinder Number/Displacement	cm ³	4/3331	4/2670	4/3331	4/2670	4/2369	4/3331	4/2670	
	7.5	Fuel Consumption in compliance with VDI-Cycle	l/h	3.4	-	3.7	4.4	3.8	4	-	
	7.9	On-board voltage	V	12	12	12	12	12	12	12	
	Others	8.1	Drive Control Type		Electron Hydraulic	Mechanical/Hydraulic	Electron Hydraulic	Mechanical/Hydraulic	Mechanical transmission	Electron Hydraulic	Mechanical/Hydraulic
10.4		Volume fuel tank	l/kg	45/37	52/45	45/37	52/45	45/37	45/37	52/45	
10.7		Noise level at operator's ear to EN12053	dB (A)	109	-	109	-	89.4	109	-	
10.8		Drawbar, model/Type DIN 15170		Pin	Pin	Pin	Pin	Pin	Pin	Pin	

