

# KBG40/45/50

## Internal Combustion Forklift Trucks (Gasoline/LPG)



Lifting the World



Characteristics	1.1	Manufacturer		BAOLI	BAOLI	BAOLI
	1.2	Model designation		KBG40	KBG45	KBG50
	1.3	Power type: Battery, Diesel, Gasoline, LPG, Network Power (Electric)		Gasoline/LPG	Gasoline/LPG	Gasoline/LPG
	1.4	Operation Type: Hand, stand on, Driver seated		Seated	Seated	Seated
	1.5	Load Capacity	Q (Kg)	4000	4500	5000
	1.6	Load center	C (mm)	500	500	500
	1.8	Axle centre to fork face	X (mm)	562	567	567
	1.9	Wheel base	Y (mm)	2000	2000	2000
	Weights	2.1	Service Weight	Kg	6450	6670
2.2		Axle weight with Rated Load front/rear	Kg	9460/990	10140/1030	10850/1100
2.3		Axle weight without Load front/rear	Kg	2645/3805	2735/3935	2800/4150
Wheels	3.1	Tyres: SE=(Super elastic), PN=(Pneumatic)		PN	PN	PN
	3.2	Tyres size, front		300-15-20PR	300-15-20PR	300-15-20PR
	3.3	Tyres size, rear		7.00-12-14PR	7.00-12-14PR	7.00-12-14PR
	3.6	Front Track Width	b10 (mm)	1180	1180	1180
	3.7	Rear Track Width	b11 (mm)	1190	1190	1190
	Dimensions	4.1	Mast lift, forward/backward	$\alpha/\beta$ (°)	6°/12°	6°/12°
4.2		Height of mast, lowered	h1 (mm)	2390	2390	2390
4.3		Free lift	h2 (mm)	155	155	155
4.4		Lift height	h3 (mm)	3000	3000	3000
4.5		Height of mast, extended	h4 (mm)	4275	4275	4275
4.7		Height of Overhead Guard (cabin)	h6 (mm)	2260	2260	2260
4.8		Seat Height	h7 (mm)	1260	1260	1260
4.12		Drawbar Height	h10 (mm)	390	390	390
4.19		Overall Length	L1 (mm)	4186	4186	4221
4.20		Length to Face of Forks	L2 (mm)	3116	3116	3151
4.21		Overall Width	b1 (mm)	1485	1485	1485
4.22		Fork Arms Dimensions to DIN ISO2331	s/e/l (mm)	50/140/1070	55/140/1070	55/150/1070
4.23		Fork Carriage in Compliance with ISO 2328 Class/Form A,B		A	A	A
4.24		Fork Carriage Width	b3 (mm)	1480	1480	1480
4.31		Ground Clearance below Mast(with load)	m1 (mm)	145	145	145
4.32		Ground Clearance Centre of Wheelbase(with load)	m2 (mm)	180	180	180
4.34.1		Working Aisle Width with pallet 1000×1200 ( 1200 across forks)	Ast (mm)	4622	4622	4667
4.34.2	Working Aisle Width with pallet 800×1200 (1200 along forks)	Ast (mm)	4792	4792	4797	
4.35	Turning Radius	Wa (mm)	2795	2795	2830	
4.36	Turning Point Minimum Distance from the Truck Center Line	b13 (mm)	922	922	922	
Performances	5.1	Travel Speed with/without load	km/h	20/22	20/22	20/22
	5.2	Lifting Speed with/without load	mm/s	450/480	450/480	430/480
	5.3	Lowering Speed with/without load	mm/s	380/350	380/350	380/350
	5.5	Drawbar Pull Tractive Effort (at 2km/h) with/without load	KN	20/15	21/16	22/16
	5.7	Gradeability (at 2km/h) with/without load	%	20	20	20
	5.10	Service Brake		Mechanical/Hydraulic	Mechanical/Hydraulic	Mechanical/Hydraulic
Drive	7.1	Engine Manufacturer/Engine Type		PSI 4.3L	PSI 4.3L	PSI 4.3L
	7.2	Engine Power in compliance with ISO 1585	Kw	69.8	69.8	69.8
	7.3	Rated Number of Revolutions	/min	2300	2300	2300
	7.4	Cylinder Number/Displacement	cm³	6/4294	6/4294	6/4294
	7.5	Fuel Consumption in compliance with VDI-Cycle	l/h	-	-	-
	7.9	On-board voltage	V	12	12	12
Others	8.1	Drive Control Type		Electron Hydraulic	Electron Hydraulic	Electron Hydraulic
	10.1	Working pressure for attachments	bar	-	-	-
	10.2	Oil flow for attachments	l/min	-	-	-
	10.4	Volume fuel tank	l/kg	80/57	80/57	80/57
	10.7	Noise level at operator's ear to EN12053	dB (A)	< 101	< 101	< 101
	10.8	Drawbar,model/Type DIN 15170		Pin	Pin	Pin

Baoli reserves the right to make any changes or modifications of pictures and specifications without giving previous notice and without incurring any obligation

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