

»» TWO WORLDS, ONE IDEA

When Germany's KION Group acquired Baoli in 2009, the company recognised that Baoli's strength in manufacturing price-competitive forklift trucks and warehouse equipment was a perfect complement to the product offering of its Linde Material Handling brand.

Today, Baoli operates in over 80 markets around the world and employs over 700 staff at its Jingjiang city plant, where industry-leading components, technologies and production lines – re-modelled by KION and made in Germany – underpin its operational excellence.

In Australia, Baoli's value range is backed by the nationwide service and support network of Linde Material Handling. With 155 qualified mobile technicians, all trained and graded on Baoli products, and fully equipped workshops and spare part stores in each capital,

Baoli customers enjoy unrivalled service and support.

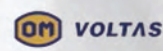
KION
GROUP



STILL



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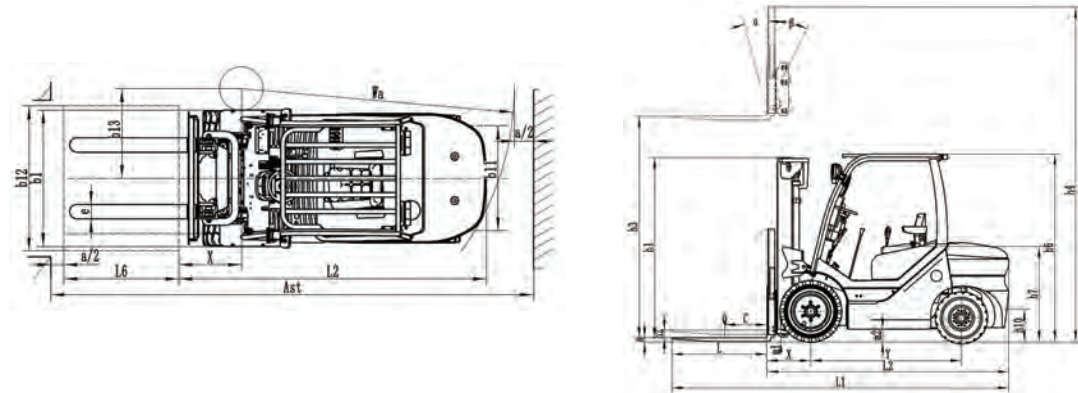


KBG(D) 18/20/25/30/35 Internal Combustion Forklift



>> Specifications

		Design Values																						
		Item Description	Unit		KBG(D)18		KBG(D)20		KBG(D)25		KBG(D)30		KBG(D)35											
Characteristics	1.1	Manufacturer	Baoli																					
	1.2	Model	KBG18	KBD18	KBG20	KBD20	KBG25	KBD25	KBG30	KBD30	KBG35	KBD35												
	1.3	Power Unit	Petrol/LPG	Diesel	Petrol/LPG	Diesel	Petrol/LPG	Diesel	Petrol/LPG	Diesel	Petrol/LPG	Diesel												
	1.4	Operation	Seated		Seated		Seated		Seated		Seated													
	1.5	Load capacity / Load	Q (kg)		1800		2000		2500		3000		3500											
	1.6	Load centre distance	c (mm)		500		500		500		500		500											
	1.8	Axle centre to fork face	x (mm)		435		435		484		484		484											
	1.9	Wheelbase	y (mm)		1500		1500		1700		1700		1700											
	Weights	2.1	Service weight	(kg)		3100		3210		3160		3950		4220		4400		3160		4880				
2.2		Axle load with load, front / rear	(kg)		4200/680		4330/680		4440/660		4540/700		6280/480		6340/610		6340/840		6610/580		7180/1000		73000/11000	
2.3		Axle load without load, front / rear	(kg)		1280/1820		1340/1870		1320/1960		1280/1820		1880/2200		1880/2250		1680/2540		1820/2640		1550/3130		1640/3240	
Wheels/tyres	3.1	Tyres rubber, SE, pneumatic, polyurethane	S/E																					
	3.2	Tyre size, front	6.50-10																					
	3.3	Tyre size, rear	5.00-8																					
	3.6	Tread width, front	b10 (mm)		940		940		1000		1000		1000		1000									
3.7	Tread width, rear	b11 (mm)		920		920		970		970		970		970										
Dimensions	4.1	Mast / fork carriage tilt, forward / backward	a/b (°)		6/12		6/12		6/12		6/12		6/12		6/12									
	4.2	Height of mast, lowered	h1 (mm)		2002		2002		2080		2080		2230		2230									
	4.3	Free lift	h2 (mm)		128		128		140		145		145		145									
	4.4	Lift	h3 (mm)		3000		3000		3000		3000		3000		3000									
	4.5	Height of mast, extended	h4 (mm)		3945		4030		4050		4273		4273		4273									
	4.7	Height of overhead guard (cabin)	h6 (mm)		2065		2065		2108		2108		2108		2108									
	4.8	Height of seat / stand on platform	h7 (mm)		1010		1010		1085		1070		1085		1085									
	4.12	Towing coupling height	h10 (mm)		220		220		300		300		300		300									
	4.19	Overall length	l1 (mm)		3316		3490		3730		3780		3880		3880									
	4.20	Length to fork face	l2 (mm)		2396		2396		2660		2710		2810		2810									
	4.21	Overall width	b1/b2 (mm)		1140		1140		1225		1225		1296		1296									
	4.22	Fork dimensions DIN ISO 2331	s / e / l (mm)		35/120/920		40/122/1070		40/122/1070		45/125/1070		50/125/1070		50/125/1070									
	4.23	Fork carriage to ISO 2328, class / type A, B			ISO II/A		ISO II/A		ISO II/A		ISO III/A		ISO III/A		ISO III/A									
	4.24	Width of fork carriage	b3 (mm)		1040		1040		1040		1100		1100		1100									
	4.31	Ground clearance, below mast	m1 (mm)		110		110		135		135		135		135									
	4.32	Ground clearance, centre of wheelbase	m2 (mm)		115		115		105		140		140		140									
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)		3815		3835		4124		4144		4224		4224										
4.34.2	Aisle width with pallet 800 x 1200 along forks	Ast (mm)		4015		4035		4324		4344		4424		4424										
4.35	Turning radius	Wa (mm)		2180		2200		2440		2460		2540		2540										
4.36	Turning Point Minimum Distance from the Truck Center Line	b13 (mm)		602		602		810		810		810		810										
Performance	5.1	Travel speed, with / without load	(km/h)		15.7/16.5		15/16		15.7/16.5		15/15		17/18.2		18.6/19		18.6/19		16.5/17		18/19		16/17	
	5.2	Lifting speed, with / without load	(m/s)		457.3/744.42		445/653		655/694.1		389/645		316/454		436.1/502.5		370/458		522/597		338/478		561/588	
	5.3	Lowering speed, with / without load	(m/s)		403.2/405.04		405/416		519.9/531.9		467/454		469/424		449.8/475.4		479/393		466/383		491/398		459/380	
	5.5	Tractive force (at 2km/h) with / without load	(KN)		19.5/9		11.5/10.7		20/14		11.5/10.7		17/13		15/10		15/10		15/10		16/10		16/10	
	5.7	Max. Gradeability with / without load (at 2km/h)	(%)		20		20		20		20		20		20		20		20		20		20	
	5.10	Service brake	Mechanical/hydraulic																					
Drive	7.1	Engine Manufacturer/Engine Type	GCT K21WEICHAI WP3.2 GCT K21 WEICHAI WP3.2 GCT K25 WEICHAI WP3.2 GCT K25 WEICHAI WP3.2 GCT K25 WEICHAI WP3.2																					
	7.1	Engine (Optional)	ISUZU C240		ISUZU C240		ISUZU C240		ISUZU C240		Mitsubishi S4S													
	7.2	Engine Power in compliance with ISO 1585	(kW)		32.3		36.8		32.3		36.8		37.4		36.8		37.4		36.8		37.4		36.8	
	7.3	Rated Number of Revolutions	(r/min)		2400		2500		2400		2500		2400		2500		2400		2500		2400		2500	
7.4	Cylinder Number/Displacement	(cm)		4/2095		4/3170		4/2095		4/3170		4/2488		4/3170		4/2488		4/3170		4/2488		4/3170		
Others	7.9	On-board voltage	(V)		12		12		12		12		12		12		12		12		12		12	
	8.1	Drive control	Electronic Hydraulic																					
	10.4	Volume fuel tank	(l/Kg)		45/15		45		45/15		45		45/18		52		45/18		52		45/18		52	
	10.7	Sound pressure level LpAZ (at the driver's seat)	(dB (A))		105		107		106		107		107		107		107		109		107		09	
10.8	Drawbar, model/Type DIN	Pin																						



>> Mast Specifications

KBG(D)18/20								
Mast type	Max. height	Rated capacity load center 500mm		Height		Free-lift height		Mast angle
		1.8T	2.0T	closed height	with carriage	without carriage	with carriage	front/back
	mm	(kg)	(kg)	mm	mm	mm	mm	
VM Standard wide-view	4000	1800	2000	2552	5041	128	128	6/6
	4500	1600	1750	2802	5541	128	128	6/6
	5000	1450	1500	3052	6041	128	128	3/6
VFHM Full free triplex	4350	1550	1700	2102	5391	1489	1101	6/6
	4500	1400	1600	2152	5541	1539	1151	6/6
	5000	1050	1250	2395	6041	1782	1394	6/6
	5500	980	1120	2629	6541	2016	1628	3/6
6000	890	1000	2862	7041	2249	1861	3/6	

KBG(D)25								
Mast type	Max. height	Rated capacity load center 500mm		Height		Free-lift height		Mast angle
		2.5T	double tyres	closed height	with carriage	without carriage	with carriage	front/back
	mm	(kg)	(kg)	mm	mm	mm	mm	
VM Standard wide-view	4000	2300	2500	2630	5040	140	140	6/6
	4500	1800	2300	2880	5540	140	140	6/6
	5000	1300	2200	3130	6040	140	140	3/6
VFHM Full free triplex	4350	2000	2400	2130	5390	1500	1130	6/6
	4500	1800	2300	2180	5540	1550	1180	6/6
	5000	1500	2100	2423	6040	1793	1423	6/6
	5500	1100	1800	2657	6540	2027	1657	3/6
6000	800	1600	2890	7040	2260	1890	3/6	

KBG(D)30								
Mast type	Max. height	Rated capacity load center 500mm		Height		Free-lift height		Mast angle
		3T	double tyres	closed height	with carriage		with carriage	front/back
	mm	(kg)	(kg)	mm	mm	mm	mm	
VM Standard wide-view	4000	2900	3000	2630	5273	145	145	6/6
	4500	2500	2800	2880	5773	145	145	6/6
	5000	2000	2700	3130	6273	145	145	3/6
VFHM Full free triplex	4350	2600	2900	2130	5623	1501	902	6/6
	4500	2450	2800	2180	5773	1551	952	6/6
	5000	2000	2600	2423	6273	1794	1195	6/6
	5500	1600	2250	2657	6773	2028	1429	3/6
6000	1100	2100	2890	7273	2261	1662	3/6	

KBG(D)35								
Mast type	Max. height	Rated capacity load center 500mm		Height		Free-lift height		Mast angle
		3.5T	double tyres	closed height	with carriage	without carriage	with carriage	front/back
	mm	(kg)	(kg)	mm	mm	mm	mm	
VM Standard wide-view	4000	3200	3400	2780	5273	145	145	6/6
	4500	2600	3000	3030	5773	145	145	6/6
	5000	2100	2850	3380	6273	145	145	3/6
VFHM Full free triplex	4350	3000	3000	2130	5623	1501	902	6/6
	4500	3000	3000	2180	5773	1551	952	6/6
	5000	2400	2850	2423	6273	1794	1195	6/6
	5500	1750	2500	2657	6773	2028	1429	3/6
6000	1200	2200	2890	7273	2261	1662	3/6	

NOTE: The performance depicted represents nominal values obtained under typical operating conditions. Performance data may vary due to motor and system efficiency tolerances, and under different working conditions. The description and specifications included on this data sheet were in effect at time of printing. Linde Material Handling Pty Ltd reserves the right to make improvements and changes in specification or design without notice and without incurring obligation.