

KION[®] GROUP

GLOBAL BRANDS

REGIONAL BRANDS



The KION Group has a global presence with products, services and solutions provided by its seven brand companies. The KION Group is the European market leader and the world's second largest manufacturer of forklift trucks and warehouse technology, and it is one of the leading international suppliers in the sector in China. The Linde and STILL brands serve the premium segment worldwide, while Baoli focuses on the value and economy segments. Fenwick is the material-handling market leader in France, OM STILL is a market leader in Italy and Voltas is one of the two market leaders in India. Egemin Automation is one of the leading suppliers of automation solutions for logistic flows, processes and infrastructure.

But these strong foundations were not the only thing that enabled the KION Group to generate revenue of more than €4.7 billion in 2014. The key factor is our workforce of more than 22,000 people, who go the extra mile for our customers every day.

KION Baoli (Jiangsu) Forklift Co., Ltd develops, manufactures, sells and services practical and reliable forklift trucks. The product portfolio comprises engine, electric forklift and warehouse trucks with load capacities of between one and ten tonnes. KION Baoli employs over 700 people. An intensive global network of distributors and dealers in more than 80 countries is cooperating with the company. Headquarters and production facilities are located in Jingjiang in Jiangsu province of China (near Shanghai) and cover an area of 120,000 square metres. The company has an automated painting line, vehicle assembly line and key components production line, which provides a process oriented base to ensure quality products.

Our vision is to be a leading brand in the economy forklift segment, combining the competitive advantages of KION operational excellence and Baoli integrated manufacturing platform.

For more information about KION Baoli, please visit the website at <http://www.baoli-mh.com>.

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KBM201511



KBG 1.5 – 3.5T Internal Combustion Forklift Trucks
(Gasoline/LPG)



Comfort

The luxury operators compartment with floating overhead guard has low vibration . Rain protection and adjustable steering wheel provide a high level all-round driving experience.



Suspension comfort seat is available as an option.



Safety

The KION structured painting avoids strong reflection which could cause accidents.



The special design of the rear overhead guard provides excellent visibility. The rear had grip with horn ensures stability and safety.



Performance

Japanese GCT K21/25 engines combined with KION transmission results in maximum productivity.



Serviceability

All components are easily accessible for routine maintenance.



Ergonomy

Side operation levers fitted as standard with American brand control valve ensure precise lifting and lowering performance.



Technical Data



Characteristics	1.1	Manufacturer		BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	BAOLI
	1.2	Model designation		KBG15	KBG18	KBG20	KBG25	KBG30	KBG35
	1.3	Power type: Battery, Diesel, Gasoline, LPG, Network Power (Electric)		Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline
	1.4	Operation Type: Hand, stand on, Driver seated		Seated	Seated	Seated	Seated	Seated	Seated
	1.5	Load Capacity	Q (Kg)	1500	1800	2000	2500	3000	3500
Weights	1.6	Load center	C (mm)	500	500	500	500	500	500
	1.8	Axle centre to fork face	X (mm)	435	435	435	484	484	484
	1.9	Wheel base	Y (mm)	1500	1500	1500	1700	1700	1700
	2.1	Service Weight	Kg	2960	3108	3213	4080	4220	4680
	2.2	Axle weight with Rated Load front/rear	Kg	4014/446	4417/491	4692/521	6280/480	6340/840	7180/1000
Wheels	2.3	Axle weight without Load front/rear	Kg	1184/1776	1243/1865	1285/1928	1880/2200	1680/2540	1550/3130
	3.1	Tyres: SE=(Super elastic), PN=(Pneumatic)		PN	PN	PN	PN	PN	PN
	3.2	Tyres size, front		23×9-10-18PR	23×9-10-18PR	23×9-10-18PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR
	3.3	Tyres size, rear		5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	3.6	Front Track Width	b10 (mm)	940	940	940	1000	1000	1000
Dimensions	3.7	Rear Track Width	b11 (mm)	920	920	920	970	970	970
	4.1	Mast lift, forward/backward	α/β (°)	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°
	4.2	Height of mast, lowered	h1 (mm)	2002	2002	2002	2080	2080	2230
	4.3	Free lift	h2 (mm)	128	128	128	145	145	145
	4.4	Lift height	h3 (mm)	3000	3000	3000	3000	3000	3000
	4.5	Height of mast, extended	h4 (mm)	4040	4040	4040	4050	4273	4273
	4.7	Height of Overhead Guard (cabin)	h6 (mm)	2065	2065	2065	2108	2108	2108
	4.8	Seat Height	h7 (mm)	1010	1010	1010	1085	1085	1085
	4.12	Drawbar Height	h10 (mm)	220	220	220	300	300	300
	4.19	Overall Length	L1 (mm)	3432	3466	3490	3735	3785	3885
	4.20	Lenght to Face of Forks	L2 (mm)	2362	2396	2420	2665	2715	2815
	4.21	Overall Width	b1 (mm)	1177	1177	1177	1225	1225	1225
	4.22	Fork Arms Dimensions to DIN ISO2331	s/e/l (mm)	35/120/1070	35/120/1070	40/122/1070	45/120/1070	45/125/1070	45/130/1070
	4.23	Fork Carriage in Compliance with ISO 2328 Class/Form A,B		A	A	A	A	A	A
	4.24	Fork Carriage Width	b3 (mm)	1040	1040	1040	1040	1100	1100
Performances	4.31	Ground Clearance below Mast(with load)	m1 (mm)	110	110	110	135	135	135
	4.32	Ground Clearance Centre of Wheelbase(with load)	m2 (mm)	105	105	105	140	140	140
	4.34.1	Working Aisle Width with pallet 1000×1200 (1200 across forks)	Ast (mm)	3795	3815	3835	4154	4144	4314
	4.34.2	Working Aisle Width with pallet 800×1200 (1200 along forks)	Ast (mm)	3995	4015	4035	4354	4344	4514
	4.35	Turning Radius	Wa (mm)	2160	2180	2200	2470	2460	2630
	4.36	Turning Point Minimum Distance from the Truck Center Line	b13 (mm)	-	-	-	810	810	810
	5.1	Travel Speed with/without load	km/h	16.1/16.1	15.7/16.5	15.7/16.5	17/18.2	18.5/19	18/19
	5.2	Lifting Speed with/without load	mm/s	461.5/699.3	655/694.1	655/694.1	316/454	370/458	338/478
	5.3	Lowering Speed with/without load	mm/s	381.7/421.2	519.9/531.9	519.9/531.9	469/424	466/383	459/380
	5.5	Drawbar Pull Tractive Effort (at 2km/h) with/without load	KN	20/10	20/8	20/8	17/13	15/10	16/10
Drive	5.7	Gradeability (at 2km/h) with/without load	%	20	20	20	20	20	20
	5.10	Service Brake		Mechanical/Hydraulic	Mechanical/Hydraulic	Mechanical/Hydraulic	Mechanical/Hydraulic	Mechanical/Hydraulic	Mechanical/Hydraulic
	7.1	Engine Manufacturer/Engine Type		GCT K21	GCT K21	GCT K21	GCT K25	GCT K25	GCT K25
	7.2	Engine Power in compliance with ISO 1585	Kw	32.3	32.3	32.3	37.4	37.4	37.4
	7.3	Rated Number of Revolutions	/min	2400	2400	2400	2400	2400	2400
Others	7.4	Cylinder Number/Displacement	cm³	4/2095	4/2095	4/2095	4/2488	4/2488	4/2488
	7.5	Fuel Consumption in compliance with VDI-Cycle	l/h	4.1	4.21	4.32	-	-	-
	7.9	On-board voltage	V	12	12	12	12	12	12
	8.1	Drive Control Type		Electron Hydraulic	Electron Hydraulic	Electron Hydraulic	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	45/37	45/37	45/37	45/37	45/37	45/37
	10.7	Noise level at operator's ear to EN12053	dB (A)	105	105	106	107	107	107
	10.8	Drawbar,model/Type DIN 15170		Pin	Pin	Pin	Pin	Pin	Pin

