

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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KBM201602



KBE 4-Wheel 1.5 - 3.5T Electric Forklift Trucks AC



Technical Data



		BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	BAOLI		
Characteristics	1.1 Manufacturer		BAOLI	BAOLI	BAOLI	BAOLI	BAOLI		
	1.2 Model designation		KBE15	KBE18	KBE20	KBE25	KBE30	KBE35	
	1.3 Power type: electric (battery or mains), diesel, petrol, fuel gas		Electric	Electric	Electric	Electric	Electric	Electric	
	1.4 Operation type: hand, pedestrian, stand-on, seated, order-picker		Seated	Seated	Seated	Seated	Seated	Seated	
Weights	1.5 Load capacity	Q	kg	1500	1750	2000	2500	3000	3500
	1.6 Load centre	c	mm	500	500	500	500	500	500
	1.8 Axle centre to fork face	x	mm	409	409	434	439	464	484
Wheel	1.9 Wheel base	y	mm	1250	1250	1500	1500	1630	1700
	2.1 Service weight		kg	3060	3260	3860	4120	4780	5400
	2.2 Axle loading, laden front/rear		kg	3880/680	4260/750	5090/770	5760/860	6730/1050	7760/1140
	2.3 Axle loading, unladen front/rear		kg	1260/1800	1340/1920	1740/2120	1850/2270	2170/2610	2380/3020
	3.1 Tyres: SE=(super elastic), P=(pneumatic)			P/S/E	P/S/E	P/S/E	P/S/E	S/E	S/E
	3.2 Tyre size, front			6.50-10-10PR	6.50-10-10PR	23X9-10-16PR	23X9-10-16PR	23X9-10	28X9-15
	3.3 Tyre size, rear			5.00-8-8PR	5.00-8-8PR	18X7-8-14PR	18X7-8-14PR	18X7-8	18X7-8
Dimensions	3.5 Wheels, number front/rear (x = driven)			2x/2	2x/2	2x/2	2x/2	2x/2	2x/2
	3.6 Tread, front	b10	mm	890	890	1040	1040	1040	1000
	3.7 Tread, rear	b11	mm	920	920	950	950	980	980
	4.1 Mast tilt forward/backward	α/β	°	6/12	6/12	6/10	6/10	6/10	6/12
	4.2 Height of mast, lowered	h1	mm	1995	1995	2050	2050	2040	2230
	4.3 Free lift	h2	mm	160	160	140	140	145	155
	4.4 Lift	h3	mm	3000	3000	3000	3000	3000	3000
	4.5 Height of mast, extended	h4	mm	4042	4042	4040	4040	4273	4265
	4.7 Height of overhead guard (cabin)	h6	mm	2199	2199	2177	2177	2164	2195
	4.8 Seat height relating to SIP/stand height	h7	mm	1130	1130	1147	1147	1000	1137
	4.12 Tow coupling height	h10	mm	210	210	232	232	215	270
	4.19 Overall length	l1	mm	2965	3015	3360	3410	3559	3714
	4.20 Length to fork face	l2	mm	2045	2095	2290	2340	2480	2644
	4.21 Overall width	b 1/b 2	mm	1090	1090	1265	1265	1265	1250
Performances	4.22 Fork dimensions DIN ISO 2331	s / e / l	mm	40/100/920	40/100/920	40/120/1070	45/120/1070	45/125/1070	45/130/1070
	4.23 Fork carriage to ISO 2328, class/form A, B			ISO II/A	ISO II/A	ISO II/A	ISO II/A	ISO III/A	ISO III/A
	4.24 Width of fork carriage	b3	mm	968	968	1040	1040	1100	1200
	4.31 Ground clearance, laden, below mast	m1	mm	112	112	115	115	105	145
	4.32 Ground clearance, centre of wheelbase	m2	mm	100	100	140	140	140	160
	4.34.1 Working aisle width with pallet 1000 x 1200mm across forks	Ast	mm	3502	3552	3824	3879	3954	4144
	4.34.2 Working aisle width with pallet 800 x 1200 across forks	Ast	mm	3702	3752	3954	4019	4084	4274
	4.35 Turning radius	Wa	mm	1894	1944	2120	2170	2230	2360
	5.1 Travel speed, with/without load		km/h	13/15	13/15	12/14	12/14	12/14	13/14
	5.2 Lift speed, with/without load		m/s	0.36/0.44	0.36/0.44	0.31/0.42	0.30/0.40	0.28/0.42	0.26/0.43
5.3 Lowering speed, with/without load		m/s	0.41/0.42	0.41/0.42	0.45/0.41	0.45/0.41	0.41/0.33	0.39/0.40	
5.5 Drawbar pull, laden/unladen		kN	7.5	7.8	10	11	12.8	14	
5.7 Gradeability, laden/unladen		%	12/15	12/15	12/15	12/15	10/15	12/15	
5.10 Service brake			Electric/mechanical	Electric/mechanical	Electric/mechanical	Electric/mechanical	Electric/mechanical	Electric/mechanical	
Drive	6.1 Drive motor rating S2 60 min	kW	8	8	8	8	9	11.75	
	6.2 Lift motor rating at S3 15 %	kW	10	10	15	15	22	13.5	
	6.4 Battery voltage	U	V	48	48	48	48	80	80
	6.4.1 Nominal capacity	K5	Ah	400/440/480	400/440/480	630/700	630/700	500/600	500/600
	6.5 Battery weight		kg	680-820	680-820	1010-1160	1010-1160	1375-1500	1375-1500
Others	10.1 Operating pressure for attachments	bar	160	160	160	160	160	180	
	10.7 Sound pressure level at the driver's seat	dB(A)	≤75	≤75	≤75	≤75	≤75	≤75	
	Drive control		AC	AC	AC	AC	AC	AC	

Comfort

The small steering wheel reduces driving effort and maximizes precision.



The easily accessible large grab handle is convenient for all operator sizes.



Safety

Sunken counterweight ensures operator safety. Rear view visibility is significantly increased compared to standard counterweight design.



The wide pyramid design of the rear overhead guard enhances visibility thereby making reversing safer.



Performance

European high-definition display provides accurate information allowing the operator to work efficiently.



European motor and controller allows parameters to be adjusted to suit customer and site requirements.

