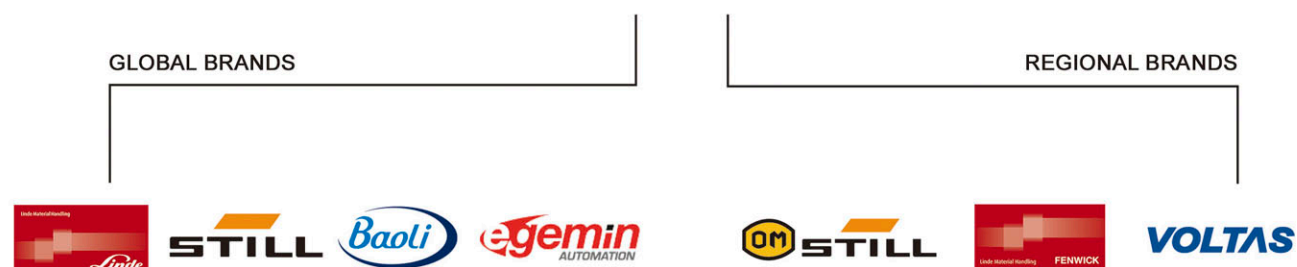


# KION<sup>®</sup> GROUP



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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KBM201601



**KB** 1.5 - 3.5T Internal Combustion Forklift Trucks  
(Diesel)



## Technical Data



### 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.

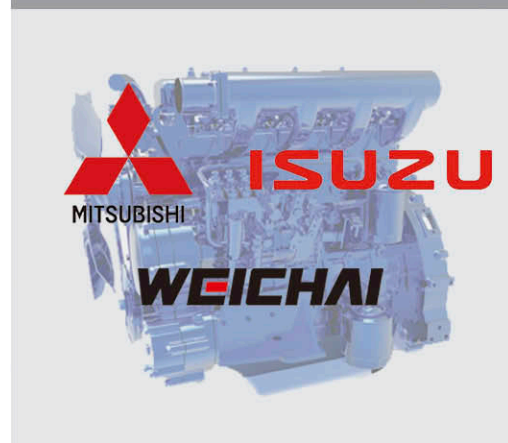


The special design of the rear overhead guard provides excellent visibility. The rear had grip with horn ensures stability and safety.



### Performance

Baoli offers a wide range of engine options, which is available for various applications and customer needs.



### 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.



		BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	
Characteristics	1.1 Manufacturer		BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	BAOLI	
	1.2 Model designation		KB15	KB18	KB20	KB25	KB25	KB30	KB30	KB30	KB35	
	1.3 Power type: Battery, Diesel, Gasoline, LPG, Network Power (Electric)		Diesel	Diesel	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	Driver seated	Driver seated	
	1.5 Load Capacity	Q (Kg)	1500	1800	2000	2500	2500	3000	3000	3000	3500	
	1.6 Load center	C (mm)	500	500	500	500	500	500	500	500	500	
	1.8 Axle centre to fork face	X (mm)	435	435	435	484	484	484	484	484	484	
	1.9 Wheel base	Y (mm)	1500	1500	1500	1700	1700	1700	1700	1700	1700	
	Weights	2.1 Service Weight	Kg	3060	3210	3280	4100	3960	4400	4260	4320	4880
		2.2 Axle weight with Rated Load front/rear	Kg	3840/700	4330/680	4540/700	5940/660	5980/680	6600/800	6460/800	6400/860	7300/1100
2.3 Axle weight without Load front/rear		Kg	1380/1660	1340/1870	1320/1960	1640/2460	1680/2280	1760/2640	1700/2560	1700/2600	1640/3240	
Wheels	3.1 Tyres: SE=(Super elastic), PN=(Pneumatic)		PN	PN	PN	PN	PN	PN	PN	PN	PN	
	3.2 Tyres size, front		6.50-10-14PR	6.50-10-14PR	6.50-10-14PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR	
	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	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	1000	1000	1000	
	3.7 Rear Track Width	b11 (mm)	920	920	920	970	970	970	970	970	970	
	4.1 Mast lift, forward/backward	$\alpha/\beta$ (°)	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	
	4.2 Height of mast, lowered	h1 (mm)	2002	2002	2002	2040	2040	2035	2035	2035	2180	
	4.3 Free lift	h2 (mm)	128	128	128	100	100	100	100	100	100	
	4.4 Lift height	h3 (mm)	3000	3000	3000	3000	3000	3000	3000	3000	3000	
	4.5 Height of mast, extended	h4 (mm)	4040	4040	4040	4050	4050	4273	4273	4273	4273	
Dimensions	4.7 Height of Overhead Guard (cabin)	h6 (mm)	2065	2065	2065	2108	2108	2108	2108	2090	2108	
	4.8 Seat Height	h7 (mm)	1010	1010	1010	1085	1085	1085	1085	1070	1085	
	4.12 Drawbar Height	h10 (mm)	220	220	220	300	300	300	300	300	300	
	4.19 Overall Length	L1 (mm)	3432	3466	3490	3735	3735	3785	3785	3785	3885	
	4.20 Length to Face of Forks	L2 (mm)	2362	2396	2420	2665	2665	2715	2715	2715	2815	
	4.21 Overall Width	b1 (mm)	1140	1140	1140	1225	1225	1225	1225	1225	1225	
	4.22 Fork Arms Dimensions to DIN ISO2331	siell (mm)	35/120/1070	35/120/1070	40/122/1070	40/122/1070	40/122/1070	45/125/1070	45/125/1070	45/125/1070	50/125/1070	
	4.23 Fork Carriage in Compliance with ISO 2328 Class/Form A,B		A	A	A	A	A	A	A	A	A	
	4.24 Fork Carriage Width	b3 (mm)	1040	1040	1040	1040	1040	1100	1100	1100	1100	
	4.31 Ground Clearance below Mast(with load)	m1 (mm)	110	110	110	135	135	135	135	135	135	
4.32 Ground Clearance Centre of Wheelbase(with load)	m2 (mm)	105	105	105	140	140	140	140	140	140		
4.34.1 Working Aisle Width with pallet 1000x1200 (1200 across forks)	Ast (mm)	3795	3815	3835	4124	4124	4144	4144	4144	4224		
4.34.2 Working Aisle Width with pallet 800x1200 (1200 along forks)	Ast (mm)	3995	4015	4035	4324	4324	4344	4344	4344	4424		
4.35 Turning Radius	Wa (mm)	2160	2180	2200	2440	2440	2460	2460	2460	2540		
4.36 Turning Point Minimum Distance from the Truck Center Line	b13 (mm)	601.5	601.5	601.5	810	810	810	810	810	810		
Performances	5.1 Travel Speed with/without load	km/h	16.3/16.3	15.7/15.9	14.8/15.2	16/17	18.5/20	16.5/17	18.5/20	18.9/19.5	16/17	
	5.2 Lifting Speed with/without load	mm/s	505.05/716.56	445.17/26.98	389.44/645.16	498/658	320/530	522/597	400/430	436.1/502.5	561/588	
	5.3 Lowering Speed with/without load	mm/s	375.78/396.48	405.04/416.28	467.53/454.78	485/370	475/360	479/393	450/400	449.8/475.4	491/398	
	5.5 Drawbar Pull Tractive Effort (at 2km/h) with/without load	KN	11.5/10.7	11.5/10.7	10.7/10.7	15/10	15/10	15/10	15/10	15/10	16/10	
	5.7 Gradeability (at 2km/h) with/without load	%	20	20	20	20	20	20	20	20	15	
	5.10 Service Brake		Mechanical/Hydraulic	Mechanical/Hydraulic	Mechanical/Hydraulic	Mechanical/Hydraulic	Mechanical/Hydraulic	Mechanical/Hydraulic	Mechanical/Hydraulic	Mechanical/Hydraulic	Mechanical/Hydraulic	
	Drive	7.1 Engine Manufacturer/Engine Type		ISUZU C240	ISUZU C240	ISUZU C240	MITSUBISHI S4S-474	WEICHAH WP2.7	MITSUBISHI S4S-474	WEICHAH WP2.7	ISUZU C240	MITSUBISHI S4S-474
		7.2 Engine Power in compliance with ISO 1585	Kw	35.4	35.4	35.4	36.3	40	35.3	40	35.4	35.3
		7.3 Rated Number of Revolutions	/min	2500	2500	2500	2250	2650	2250	2650	2500	2250
		7.4 Cylinder Number/Displacement	cm <sup>3</sup>	4/2369	4/2369	4/2369	4/2331	4/2670	4/2331	4/2670	4/2369	4/2331
7.5 Fuel Consumption in compliance with VDI-Cycle		l/h	5.86L/h	6.18L/h	6.54L/h	3.4	-	3.7	4.4	3.8	4	
7.9 On-board voltage		V	12	12	12	12	12	12	12	12	12	
Others		8.1 Drive Control Type		Electron Hydraulic	Electron Hydraulic	Electron Hydraulic	Electron Hydraulic	Mechanical/Hydraulic	Electron Hydraulic	Mechanical/Hydraulic	Mechanical transmission	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	52/45	45/37	52/45	45/37	45/37	
	10.7 Noise level at operator's ear to EN12063	dB (A)	107	107	107	109	-	109	-	89.4	109	
	10.8 Drawbar, model/Type DIN 15170		Pin	Pin	Pin	Pin	Pin	Pin	Pin	Pin	Pin	

