

Baoli

KBD/G 25-35



1.1	Manufacturer		KION BAOLI
1.2	Manufacturer's type designation		KBD 25 G1 Weichai NO EU
1.3	Drive: electric, diesel, petrol, fuel gas		Diesel
1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Seated
1.5	Rated capacity / Rated load	Q (t)	2.5
1.6	Load centre distance	c (mm)	500
1.8	Load distance, centre of drive axle to fork	x (mm)	494
1.9	Wheelbase	y (mm)	1760
2.1	Service weight	Kg	4075
2.2	Axle loading, laden front/rear	Kg	5815/760
2.3	Axle loading, unladen front/rear	Kg	1905/2200
3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		PN
3.2	Tyre size, front		28x9-15/18PR
3.3	Tyre size, rear		6,50-10/14PR
3.6	Tread, front	b10 (mm)	1030
3.7	Tread, rear	b11 (mm)	953
4.1	Tilt of mast/fork carriage forward/backward	α/β (°)	6/12
4.2	Height, mast lowered	h1 (mm)	2137
4.3	Free lift	h2 (mm)	150
4.4	Lift	h3 (mm)	3000
4.5	Height, mast extended	h4 (mm)	3715
4.7	Height of overhead guard (cabin)	h6 (mm)	2231
4.8	Seat height/stand height	h7 (mm)	1202
4.12	Coupling height	h10 (mm)	432
4.19	Overall length	l1 (mm)	3780
4.20	Length to face of forks	l2 (mm)	2780
4.21	Overall width	b1/b2 (mm)	1265
4.22	Fork dimensions ISO 2331	s/e/l (mm)	45x100x1000
4.23	Fork carriage ISO 2328, class/type A, B		II A
4.24	Fork carriage width	b3 (mm)	1040
4.31	Ground clearance, laden, below mast	m1 (mm)	146
4.32	Ground clearance, centre of wheelbase	m2 (mm)	163
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	4145
4.34.2	Aisle width for pallets 800 x 1200 lengthways	Ast (mm)	4345
4.35	Turning radius	Wa (mm)	2440
4.36	Internal turning radius	b13 (mm)	673.5
5.1	Travel speed, laden/unladen	km/h	17,2/17,5
5.2	Lift speed, laden/unladen	m/s	0,510/0,570
5.3	Lowering speed, laden/unladen	m/s	0,400/0,450
5.5	Drawbar pull, laden/unladen	kN	16,9/10,5
5.7	Gradeability, laden/unladen	%	26/26
5.10	Service brake		Mech/Hydr
7.1	Engine manufacturer/type		Weichai WP3.2
7.2	Engine power according to ISO 1585	kW	37
7.3	Rated speed	min-1	2300
7.4	Number of cylinders/displacement	cm3	4/3170
7.5	Fuel consumption according to VDI cycle	l/h or kg/h	3,2 l/h
7.9	Vehicle electrical system voltage	V	12
8.1	Type of drive unit		Hydrodynamic
10.1	Operating pressure for attachments	bar	165
10.2	Oil volume for attachments	l/min	30
10.4	Fuel tank, capacity	l/kg	62.7
10.8	Towing coupling, type DIN		Pin

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Mast type	H3	Capacity - Load center 500 mm	Capacity - Load center 500 mm - with IntegSideshift	Capacity - Load center 500 mm - with Sideshift	H1	H4 with load backrest	H2 with load backrest
VM Tele	3000	2500	2500	2250	2137	4045	150
	3250	2500	2500	2250	2237	4295	150
	3500	2500	2500	2250	2437	4545	150
	4000	2500	2330	2090	2737	5045	150
	4500	2240	1990	1770	2987	5545	150
	5000	1950	1650	1450	3237	6045	150
	5500	1660	1310	1130	3487	6545	150
VFM 2 stage	3000	2500	2500	2250	2102	4045	1053
	3300	2500	2500	2250	2302	4345	1253
	3500	2500	2500	2250	2402	4545	1353
	4000	2500	2330	2090	2702	5045	1653
	4500	2240	1990	1770	2952	5545	1903
VFHM triplex	4350	2200	2070	1840	2152	5395	1103
	4500	2100	1980	1750	2202	5545	1153
	4650	2010	1880	1670	2202	5695	1153
	5000	1800	1670	1460	2402	6045	1353
	5500	1500	1360	1170	2652	6545	1603
	6000	1200	1050	880	2902	7045	1853
	6500	900	750	600	3102	7545	2053

KBD/G 25-35



The KBD/G 25-35 forklifts are designed to provide reliability, productivity and cost effectiveness. Manufactured in the new KION production plant in Jinan, the KBD/G 25-35 is the perfect choice for almost all applications. The KBD 25-35 series is available with load capacities of 2.5, 3.0 and 3.5 tonnes. Diesel trucks are equipped with a powerful HDI engine, EU5-compliant; the Weichai engine is offered for the markets where CE conformity is not required. The KBG 25-35 series with HDI LPG engine offers the same load capacities as the diesel models. The KBD/G 25-35 forklifts are equipped with high-quality and smooth hydrodynamic transmission. The new mast design, with lifting height up to 6.500 mm, provides wider view for operator. The mast profile and the layout of the hoses guarantee excellent view of the fork tips and the load ensuring safe and fast good handling. The fork carriage is offered with 6 rollers as a standard with option for 8 rollers; customer benefit is lower maintenance cost due to higher rollers and mast profile durability compared with 4-roller fork carriage. The options of hang-on or integrated side-shifter ensure faster loading and unloading operations.

The drive compartment has been designed focusing on operator's comfort and safety: suspended driver's cabin, comfortable seat, adjustable steering wheel, electric forward / reverse travel direction switch, foot activated parking brake, side-mounted hydraulic levers, multicolor display, storage compartments, USB chargers, rear handle with horn. The suspension system for the overhead guard absorbs vibrations caused by uneven floors. The foot activated parking brake ensures less effort to engage and disengage it compared to hand parking brake. The color screen display provides the driver with a wide range of information on truck status: hour meter, fuel level, travel speed, request of planned maintenance, alarm state. Safety and visibility are further enhanced by a comprehensive range of available lights: front/rear lights, front/rear working spotlights, front/rear blue spot and flashing beacon. The lights are with LED technology for lower energy consumption and are protected by metal covers for higher durability. The overhead guard is offered with retrofittable half / full cabin option; customer has the flexibility to upgrade the truck to half or full cabin version. The quality of the components and the accessibility for maintenance operations ensure outstanding reliability.

Technology

- ✓ Powerful HDI and Weichai engines suitable for all EMEA markets
- ✓ High-quality and smooth hydrodynamic transmission
- ✓ Lower maintenance cost with 6 / 8-roller fork carriage
- ✓ Many options for safety lights: front/rear lights, front/rear working spotlights, front/rear blue spot and flashing beacon
- ✓ Lights with LED technology for lower energy consumption
- ✓ Easy access to all main components for maintenance operations
- ✓ Metal engine compartment bonnet for maximum resistance and functionality
- ✓ Inching pedal for high precision handlings
- ✓ Color screen display with wide range of information for the driver
- ✓ Electric forward / reverse travel direction switch
- ✓ Adjustable seat and steering column
- ✓ Rear handle with horn
- ✓ Very large and comfortable operator footboard
- ✓ Overhead guard offered with retrofittable half / full cabin option

Ergonomics and workplace

- ✓ New mast design: wider view for operator
- ✓ Drive compartment designed focusing on operator's comfort and safety
- ✓ Overhead guard suspended to absorb vibrations
- ✓ Foot activated parking brake: less effort for engaging / disengaging

