

Baoli

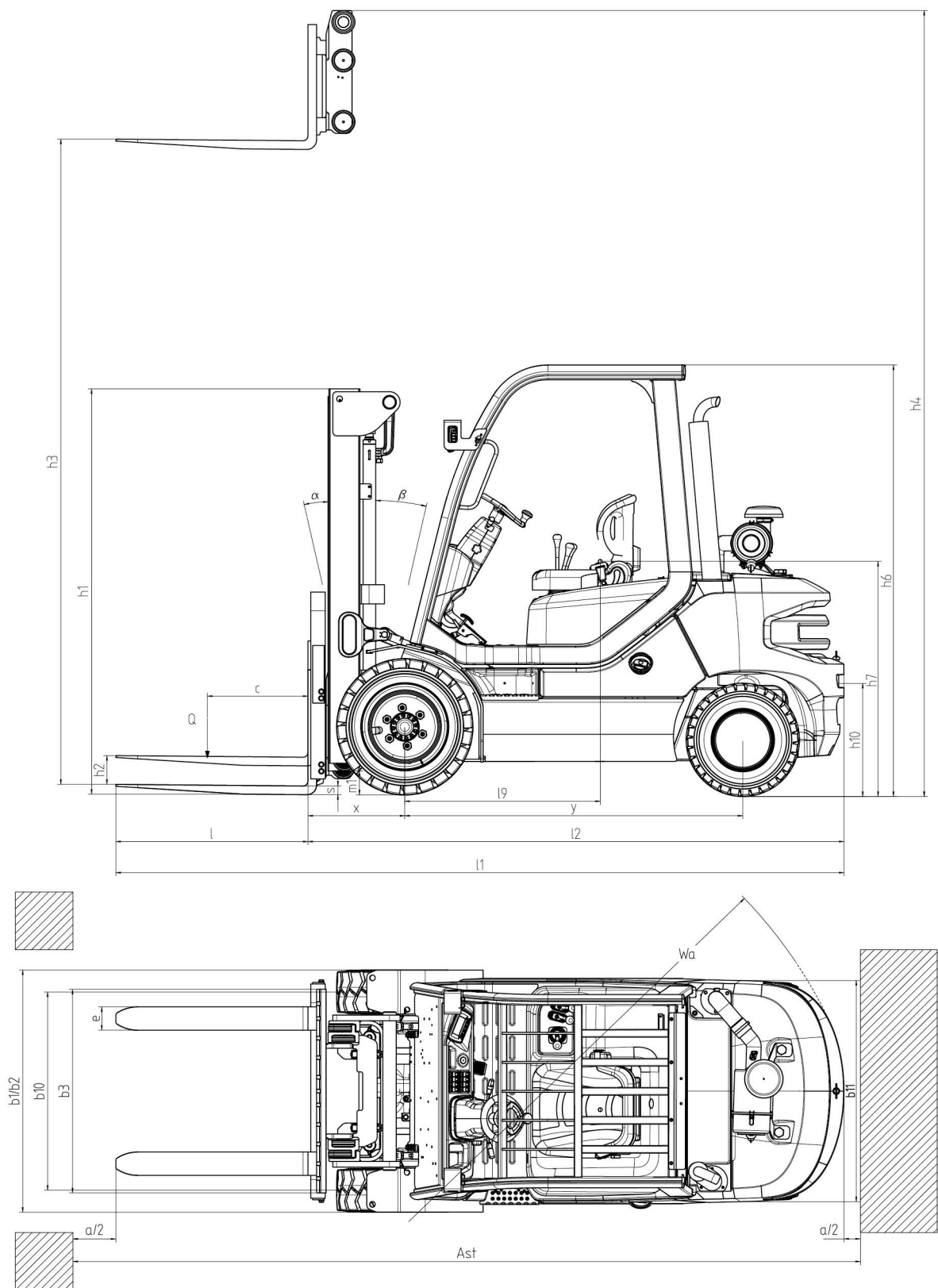
KBD/G 25-35



1.1	Manufacturer		KION BAOLI	KION BAOLI	KION BAOLI
1.2	Manufacturer's type designation		KBD 25 G1 Weichai NO EU	KBD 25 G1 EU5	KBD 30 G1 Weichai NO EU
1.3	Drive: electric, diesel, petrol, fuel gas		Diesel	Diesel	Diesel
1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Seated	Seated	Seated
1.5	Rated capacity / Rated load	Q (t)	2.5	2.5	3,0
1.6	Load centre distance	c (mm)	500	500	500
1.8	Load distance, centre of drive axle to fork	x (mm)	494	494	504
1.9	Wheelbase	y (mm)	1760	1760	1760
2.1	Service weight	Kg	4075	4250	4510
2.2	Axle loading, laden front/rear	Kg	5815/760	5820/480	6594/916
2.3	Axle loading, unladen front/rear	Kg	1905/2200	1990/2260	1883/2627
3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		PN	SE	PN
3.2	Tyre size, front		28x9-15/18PR	28x9-15	28x9-15/18PR
3.3	Tyre size, rear		6,50-10/14PR	6,50-10	6,50-10/14PR
3.6	Tread, front	b10 (mm)	1030	1030	1030
3.7	Tread, rear	b11 (mm)	953	953	953
4.1	Tilt of mast/fork carriage forward/backward	α/β (°)	6/12	6/12	6/12
4.2	Height, mast lowered	h1 (mm)	2137	2137	2137
4.3	Free lift	h2 (mm)	150	150	150
4.4	Lift	h3 (mm)	3000	3000	3000
4.5	Heigh, mast extended	h4 (mm)	3715	3715	3715
4.7	Height of overhead guard (cabin)	h6 (mm)	2231	2231	2231
4.8	Seat height/stand height	h7 (mm)	1202	1233	1202
4.12	Coupling height	h10 (mm)	432	432	432
4.19	Overall length	l1 (mm)	3780	3780	3790
4.20	Length to face of forks	l2 (mm)	2780	2780	2790
4.21	Overall width	b1/b2 (mm)	1265	1265	1265
4.22	Fork dimensions ISO 2331	s/e/l (mm)	45x100x1000	45x100x1000	45x122x1000
4.23	Fork carriage ISO 2328, class/type A, B		II A	II A	III A
4.24	Fork carriage width	b3 (mm)	1040	1040	1100
4.31	Ground clearance, laden, below mast	m1 (mm)	146	146	145
4.32	Ground clearance, centre of wheelbase	m2 (mm)	163	163	161
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	4145	4145	4145
4.34.2	Aisle width for pallets 800 x 1200 lenghtways	Ast (mm)	4345	4345	4345
4.35	Turning radius	Wa (mm)	2440	2440	2440
4.36	Internal turning radius	b13 (mm)	673.5	673.5	673.5
5.1	Travel speed, laden/unladen	km/h	17,2/17,5	17/17,5	17,2/17,5
5.2	Lift speed, laden/unladen	m/s	0,510/0,570	0,500/0,550	0,510/0,570
5.3	Lowering speed, laden/unladen	m/s	0,400/0,450	0,400/0,450	0,400/0,450
5.5	Drawbar pull, laden/unladen	kN	16,9/10,5	16,7/11,2	16,5/11,1
5.7	Gradeability, laden/unladen	%	26/26	26/26	22/25
5.10	Service brake		Mech/Hydr	Mech/Hydr	Mech/Hydr
7.1	Engine manufacturer/type		Weichai WP3.2	Hyundai DN02 EU5	Weichai WP3.2
7.2	Engine power according to ISO 1585	kW	37	45	37
7.3	Rated speed	min-1	2300	2400	2300
7.4	Number of cylinders/displacement	cm3	4/3170	4/2400	4/3170
7.5	Fuel consumption according to VDI cycle	l/h or kg/h	3,2 l/h	3,3 l/h	3,3 l/h
7.9	Vehicle electrical system voltage	V	12	12	12
8.1	Type of drive unit		Hydrodynamic	Hydrodynamic	Hydrodynamic
10.1	Operating pressure for attachments	bar	165	165	185
10.2	Oil volume for attachments	l/min	30	30	30
10.4	Fuel tank, capacity	l/kg	62.7	62.7	62.7
10.8	Towing coupling, type DIN		Pin	Pin	Pin

1.1	Manufacturer		KION BAOLI	KION BAOLI	KION BAOLI
1.2	Manufacturer's type designation		KBD 30 G1 EU5	KBD 35 G1 Weichai NO EU	KBD 35 G1 EU5
1.3	Drive: electric, diesel, petrol, fuel gas		Diesel	Diesel	Diesel
1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Seated	Seated	Seated
1.5	Rated capacity / Rated load	Q (t)	3,0	3.5	3,5
1.6	Load centre distance	c (mm)	500	500	500
1.8	Load distance, centre of drive axle to fork	x (mm)	504	509	509
1.9	Wheelbase	y (mm)	1760	1760	1760
2.1	Service weight	Kg	4620	4920	5060
2.2	Axle loading, laden front/rear	Kg	6660/940	7345/1075	7420/1160
2.3	Axle loading, unladen front/rear	Kg	1940/2680	1848/3072	1880/3180
3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		SE	PN	SE
3.2	Tyre size, front		28x9-15	28x9-15/18PR	28x9-15
3.3	Tyre size, rear		6,50-10	6,50-10/14PR	6,50-10
3.6	Tread, front	b10 (mm)	1030	1030	1030
3.7	Tread, rear	b11 (mm)	953	953	953
4.1	Tilt of mast/fork carriage forward/backward	α/β (°)	6/12	6/12	6/12
4.2	Height, mast lowered	h1 (mm)	2137	2137	2137
4.3	Free lift	h2 (mm)	150	150	150
4.4	Lift	h3 (mm)	3000	3000	3000
4.5	Heigh, mast extended	h4 (mm)	3715	3715	3715
4.7	Height of overhead guard (cabin)	h6 (mm)	2231	2231	2231
4.8	Seat height/stand height	h7 (mm)	1233	1202	1233
4.12	Coupling height	h10 (mm)	432	432	432
4.19	Overall length	l1 (mm)	3790	3870	3870
4.20	Length to face of forks	l2 (mm)	2790	2870	2870
4.21	Overall width	b1/b2 (mm)	1265	1265	1265
4.22	Fork dimensions ISO 2331	s/e/l (mm)	45x122x1000	50x150x1000	50x150x1000
4.23	Fork carriage ISO 2328, class/type A, B		III A	III A	III A
4.24	Fork carriage width	b3 (mm)	1100	1100	1100
4.31	Ground clearance, laden, below mast	m1 (mm)	145	144	144
4.32	Ground clearance, centre of wheelbase	m2 (mm)	161	159	159
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	4145	4220	4220
4.34.2	Aisle width for pallets 800 x 1200 lenghtways	Ast (mm)	4345	4420	4420
4.35	Turning radius	Wa (mm)	2440	2510	2510
4.36	Internal turning radius	b13 (mm)	673.5	673.5	673.5
5.1	Travel speed, laden/unladen	km/h	17/17,5	17,2/17,5	17/17,5
5.2	Lift speed, laden/unladen	m/s	0,500/0,550	0,510/0,570	0,500/0,550
5.3	Lowering speed, laden/unladen	m/s	0,400/0,450	0,400/0,450	0,400/0,450
5.5	Drawbar pull, laden/unladen	kN	16,5/11,1	16,3/10,9	16,3/10,9
5.7	Gradeability, laden/unladen	%	22/24	20/22	20/22
5.10	Service brake		Mech/Hydr	Mech/Hydr	Mech/Hydr
7.1	Engine manufacturer/type		Hyundai EU5	Weichai WP3.2	Hyundai EU5
7.2	Engine power according to ISO 1585	kW	45	37	45
7.3	Rated speed	min-1	2400	2300	2400
7.4	Number of cylinders/displacement	cm3	4/2400	4/3170	4/2400
7.5	Fuel consumption according to VDI cycle	l/h or kg/h	3,6 l/h	3,4 l/h	4,1 l/h
7.9	Vehicle electrical system voltage	V	12	12	12
8.1	Type of drive unit		Hydrodynamic	Hydrodynamic	Hydrodynamic
10.1	Operating pressure for attachments	bar	185	206	206
10.2	Oil volume for attachments	l/min	30	30	30
10.4	Fuel tank, capacity	l/kg	62.7	62.7	62.7
10.8	Towing coupling, type DIN		Pin	Pin	Pin

1.1	Manufacturer		KION BAOLI	KION BAOLI	KION BAOLI
1.2	Manufacturer's type designation		KBD 25 G1 Yanmar NO EU	KBD 30 G1 Yanmar NO EU	KBD 35 G1 Yanmar NO EU
1.3	Drive: electric, diesel, petrol, fuel gas		Diesel	Diesel	Diesel
1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Seated	Seated	Seated
1.5	Rated capacity / Rated load	Q (t)	2.5	3,0	3.5
1.6	Load centre distance	c (mm)	500	500	500
1.8	Load distance, centre of drive axle to fork	x (mm)	494	504	509
1.9	Wheelbase	y (mm)	1760	1760	1760
2.1	Service weight	Kg	4015	4465	4875
2.2	Axle loading, laden front/rear	Kg	5733/782	6577/888	7328/1047
2.3	Axle loading, unladen front/rear	Kg	1790/2225	1865/2600	1831/3044
3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		PN	PN	PN
3.2	Tyre size, front		28x9-15/18PR	28x9-15/18PR	28x9-15/18PR
3.3	Tyre size, rear		6,50-10/14PR	6,50-10/14PR	6,50-10/14PR
3.6	Tread, front	b10 (mm)	1030	1030	1030
3.7	Tread, rear	b11 (mm)	953	953	953
4.1	Tilt of mast/fork carriage forward/backward	α/β (°)	6/12	6/12	6/12
4.2	Height, mast lowered	h1 (mm)	2137	2137	2137
4.3	Free lift	h2 (mm)	150	150	150
4.4	Lift	h3 (mm)	3000	3000	3000
4.5	Heigh, mast extended	h4 (mm)	3715	3715	3715
4.7	Height of overhead guard (cabin)	h6 (mm)	2231	2231	2231
4.8	Seat height/stand height	h7 (mm)	1202	1202	1202
4.12	Coupling height	h10 (mm)	432	432	432
4.19	Overall length	l1 (mm)	3780	3790	3870
4.20	Length to face of forks	l2 (mm)	2780	2790	2870
4.21	Overall width	b1/b2 (mm)	1265	1265	1265
4.22	Fork dimensions ISO 2331	s/e/l (mm)	45x100x1000	45x122x1000	50x150x1000
4.23	Fork carriage ISO 2328, class/type A, B		II A	III A	III A
4.24	Fork carriage width	b3 (mm)	1040	1100	1100
4.31	Ground clearance, laden, below mast	m1 (mm)	146	145	144
4.32	Ground clearance, centre of wheelbase	m2 (mm)	163	161	159
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	4145	4145	4220
4.34.2	Aisle width for pallets 800 x 1200 lenghtways	Ast (mm)	4345	4345	4420
4.35	Turning radius	Wa (mm)	2440	2440	2510
4.36	Internal turning radius	b13 (mm)	673.5	673.5	673.5
5.1	Travel speed, laden/unladen	km/h	17,2/17,5	17,2/17,5	17,2/17,5
5.2	Lift speed, laden/unladen	m/s	0,510/0,570	0,510/0,570	0,510/0,570
5.3	Lowering speed, laden/unladen	m/s	0,400/0,450	0,400/0,450	0,400/0,450
5.5	Drawbar pull, laden/unladen	kN	15,7/10,9	15,6/10,4	15,6/10,2
5.7	Gradeability, laden/unladen	%	22/26	20/24	18/22
5.10	Service brake		Mech/Hydr	Mech/Hydr	Mech/Hydr
7.1	Engine manufacturer/type		Yanmar 4TNV94L	Yanmar 4TNV94L	Yanmar 4TNV94L
7.2	Engine power according to ISO 1585	kW	33	33	33
7.3	Rated speed	min-1	2400	2400	2400
7.4	Number of cylinders/displacement	cm3	4/3054	4/3054	4/3054
7.5	Fuel consumption according to VDI cycle	l/h or kg/h	3,2 l/h	3,3 l/h	3,4 l/h
7.9	Vehicle electrical system voltage	V	12	12	12
8.1	Type of drive unit		Hydrodynamic	Hydrodynamic	Hydrodynamic
10.1	Operating pressure for attachments	bar	165	185	206
10.2	Oil volume for attachments	l/min	30	30	30
10.4	Fuel tank, capacity	l/kg	62.7	62.7	62.7
10.8	Towing coupling, type DIN		Pin	Pin	Pin



KBD 25 G1 Weichai NO EU - KBD 25 G1 EU5 - KBD 25 G1 Yanmar NO EU									
Mast type	H3	Capacity - Load center 500 mm	Capacity - Load center 500 mm - with IntegSideshif t	Capacity - Load center 500 mm - with Sideshift	H1	H4 with load backrest	H4 without load backrest	H2 with load backrest	H2 without load backrest
VM Tele	3000	2500	2500	2250	2137	4045	3715	150	150
	3250	2500	2500	2250	2237	4295	3965	150	150
	3500	2500	2500	2250	2437	4545	4215	150	150
	4000	2500	2330	2090	2737	5045	4715	150	150
	4500	2240	1990	1770	2987	5545	5215	150	150
	5000	1950	1650	1450	3237	6045	5715	150	150
	5500	1660	1310	1130	3487	6545	6215	150	150
VFM 2 stage	3000	2500	2500	2250	2102	4045	3752	1053	1353
	3300	2500	2500	2250	2302	4345	4052	1253	1553
	3500	2500	2500	2250	2402	4545	4252	1353	1653
	4000	2500	2330	2090	2702	5045	4752	1653	1953
	4500	2240	1990	1770	2952	5545	5252	1903	2203
VFHM triplex	4350	2200	2070	1840	2152	5395	5102	1103	1403
	4500	2100	1980	1750	2202	5545	5252	1153	1453
	4650	2010	1880	1670	2202	5695	5402	1153	1453
	5000	1800	1670	1460	2402	6045	5752	1353	1653
	5500	1500	1360	1170	2652	6545	6252	1603	1903
	6000	1200	1050	880	2902	7045	6752	1853	2153
	6500	900	750	600	3102	7545	7252	2053	2353

KBD 30 G1 Weichai NO EU - KBD 30 G1 EU5 - KBD 30 G1 Yanmar NO EU									
Mast type	H3	Capacity - Load center 500 mm	Capacity - Load center 500 mm - with IntegSideshif t	Capacity - Load center 500 mm - with Sideshift	H1	H4 with load backrest	H4 without load backrest	H2 with load backrest	H2 without load backrest
VM Tele	3000	3000	3000	2700	2137	4045	3715	150	150
	3250	3000	3000	2700	2237	4295	3965	150	150
	3500	3000	3000	2700	2437	4545	4215	150	150
	4000	3000	2710	2430	2737	5045	4715	150	150
	4500	2640	2300	2030	2987	5545	5215	150	150
	5000	2250	1880	1640	3237	6045	5715	150	150
	5500	1850	1470	1250	3487	6545	6215	150	150
VFM 2 stage	3000	3000	3000	2700	2102	4045	3752	1053	1353
	3300	3000	3000	2700	2302	4345	4052	1253	1553
	3500	3000	3000	2700	2402	4545	4252	1353	1653
	4000	3000	2710	2430	2702	5045	4752	1653	1953
	4500	2640	2300	2030	2952	5545	5252	1903	2203
VFHM triplex	4350	2560	2400	2160	2152	5395	5102	1103	1403
	4500	2450	2290	2050	2202	5545	5252	1153	1453
	4650	2340	2180	1950	2202	5695	5402	1153	1453
	5000	2090	1920	1710	2402	6045	5752	1353	1653
	5500	1720	1540	1370	2652	6545	6252	1603	1903
	6000	1360	1170	1030	2902	7045	6752	1853	2153
	6500	1000	800	700	3102	7545	7252	2053	2353

KBD 35 G1 Weichai NO EU - KBD 35 G1 EU5 - KBD 35 G1 Yanmar NO EU									
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	H4 without load backrest	H2 with load backrest	H2 without load backrest
VM Tele	3000	3500	3500	3150	2137	4045	3715	150	150
	3250	3500	3500	3150	2237	4295	3965	150	150
	3500	3500	3500	3150	2437	4545	4215	150	150
	4000	3500	3060	2740	2737	5045	4715	150	150
	4500	2970	2580	2290	2987	5545	5215	150	150
	5000	2500	2110	1850	3237	6045	5715	150	150
	5500	2020	1630	1400	3487	6545	6215	150	150
VFM 2 stage	3000	3500	3500	3150	2102	4045	3752	1053	1353
	3300	3500	3500	3150	2302	4345	4052	1253	1553
	3500	3500	3500	3150	2402	4545	4252	1353	1653
	4000	3500	3060	2740	2702	5045	4752	1653	1953
	4500	2970	2580	2290	2952	5545	5252	1903	2203
VFHM triplex	4350	2970	2700	2420	2152	5395	5102	1103	1403
	4500	2840	2550	2280	2202	5545	5252	1153	1453
	4650	2710	2400	2150	2202	5695	5402	1153	1453
	5000	2400	2100	1870	2402	6045	5752	1353	1653
	5500	1970	1680	1480	2652	6545	6252	1603	1903
	6000	1530	1260	1090	2902	7045	6752	1853	2153
	6500	1100	850	700	3102	7545	7252	2053	2353

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

