



KBE 15 - 25

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KBE 30 - 35

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1.1	Manufacturer		KION BAOLI	KION BAOLI	KION BAOLI
1.2	Manufacturer's type designation		KBE 20	KBE 25	KBE 30
1.3	Drive: electric, diesel, petrol, fuel gas		Electric	Electric	Electric
1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Seated	Seated	Seated
1.5	Rated capacity / Rated load	Q (t)	2,0	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)	434	434	464
1.9	Wheelbase	y (mm)	1500	1500	1630
2.1	Service weight	Kg	3860	4120	4780
2.2	Axle loading, laden front/rear	Kg	5090/770	5760/860	6730/1050
2.3	Axle loading, unladen front/rear	Kg	1740/2120	1850/2270	2170/2610
3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		PN	PN	S/E
3.2	Tyre size, front		23X9-10-16PR	23X9-10-16PR	23x9-10
3.3	Tyre size, rear		18X7-8-14PR	18X7-8-14PR	18x7-8
3.5	Wheels, number front/rear (x = driven wheels)		2x/2	2x/2	2x/2
3.6	Tread, front	b10 (mm)	1040	1040	1040
3.7	Tread, rear	b11 (mm)	950	950	980
4.1	Tilt of mast/fork carriage forward/backward	$\alpha/\beta$ (°)	6/10	6/10	6/10
4.2	Height, mast lowered	h1 (mm)	2050	2050	2040
4.3	Free lift	h2 (mm)	100	100	100
4.4	Lift	h3 (mm)	3000	3000	3000
4.5	Height, mast extended	h4 (mm)	4040	4040	4273
4.7	Height of overhead guard (cabin)	h6 (mm)	2177	2177	2164
4.8	Seat height/stand height	h7 (mm)	1147	1147	1000
4.12	Coupling height	h10 (mm)	232	232	255
4.19	Overall length	l1 (mm)	3360	3405	3559
4.20	Length to face of forks	l2 (mm)	2290	2335	2489
4.21	Overall width	b1/b2 (mm)	1265	1265	1265
4.22	Fork dimensions ISO 2331	s/e/l (mm)	40/122/1070	40/122/1070	45/125/1070
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)	115	115	105
4.32	Ground clearance, centre of wheelbase	m2 (mm)	140	140	140
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	3754	3804	3894
4.34.2	Aisle width for pallets 800 x 1200 crossways	Ast (mm)	3554	3604	3694
4.35	Turning radius	Wa (mm)	2120	2170	2230
4.36	Internal turning radius	b13 (mm)	1245	1268	1345
5.1	Travel speed, laden/unladen	km/h	12/14	12/14	12/14
5.2	Lift speed, laden/unladen	m/s	0,310/0,420	0,300/0,400	0,280/0,420
5.3	Lowering speed, laden/unladen	m/s	0,450/0,410	0,450/0,410	0,410/0,330
5.8	Max gradeability, laden/unladen	%	12/15	12/15	10/15
5.10	Service brake		Electromechanical	Electromechanical	Electromechanical
6.1	Drive motor rating S2 60 min	kW	8	8	9
6.2	Lift motor rating at S3 15%	kW	16.5	16.5	19
6.4	Battery voltage/nominal capacity K5	V/Ah	48 / 630/700	48 / 630/700	80 / 500/600
6.5	Battery weight	kg	1010~1160	1010~1160	1375~1500
10.1	Operating pressure for attachments	bar	160	160	160
10.7	Sound pressure level at driver's seat	dB (A)	≤75	≤75	≤75

1.1	Manufacturer		KION BAOLI
1.2	Manufacturer's type designation		KBE 35
1.3	Drive: electric, diesel, petrol, fuel gas		Electric
1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Seated
1.5	Rated capacity / Rated load	Q (t)	3.5
1.6	Load centre distance	c (mm)	500
1.8	Load distance, centre of drive axle to fork	x (mm)	489
1.9	Wheelbase	y (mm)	1700
2.1	Service weight	Kg	5400
2.2	Axle loading, laden front/rear	Kg	7760/1140
2.3	Axle loading, unladen front/rear	Kg	2380/3020
3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		S/E
3.2	Tyre size, front		28X9-15
3.3	Tyre size, rear		18x7-8
3.5	Wheels, number front/rear (x = driven wheels)		2x/2
3.6	Tread, front	b10 (mm)	1000
3.7	Tread, rear	b11 (mm)	980
4.1	Tilt of mast/fork carriage forward/backward	$\alpha/\beta$ (°)	6/12
4.2	Height, mast lowered	h1 (mm)	2230
4.3	Free lift	h2 (mm)	100
4.4	Lift	h3 (mm)	3000
4.5	Height, mast extended	h4 (mm)	4265
4.7	Height of overhead guard (cabin)	h6 (mm)	2195
4.8	Seat height/stand height	h7 (mm)	1137
4.12	Coupling height	h10 (mm)	270
4.19	Overall length	l1 (mm)	3719
4.20	Length to face of forks	l2 (mm)	2649
4.21	Overall width	b1/b2 (mm)	1250
4.22	Fork dimensions ISO 2331	s/e/l (mm)	50/125/1070
4.23	Fork carriage ISO 2328, class/type A, B		III A
4.24	Fork carriage width	b3 (mm)	1200
4.31	Ground clearance, laden, below mast	m1 (mm)	145
4.32	Ground clearance, centre of wheelbase	m2 (mm)	160
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	4049
4.34.2	Aisle width for pallets 800 x 1200 crossways	Ast (mm)	3849
4.35	Turning radius	Wa (mm)	2360
4.36	Internal turning radius	b13 (mm)	1425
5.1	Travel speed, laden/unladen	km/h	13/14
5.2	Lift speed, laden/unladen	m/s	0,260/0,430
5.3	Lowering speed, laden/unladen	m/s	0,390/0,400
5.8	Max gradeability, laden/unladen	%	12/15
5.10	Service brake		Electromechanical
6.1	Drive motor rating S2 60 min	kW	16
6.2	Lift motor rating at S3 15%	kW	19
6.4	Battery voltage/nominal capacity K5	V/Ah	80 / 500/600
6.5	Battery weight	kg	1375~1500
10.1	Operating pressure for attachments	bar	180
10.7	Sound pressure level at driver's seat	dB (A)	≤75

# Electric trucks

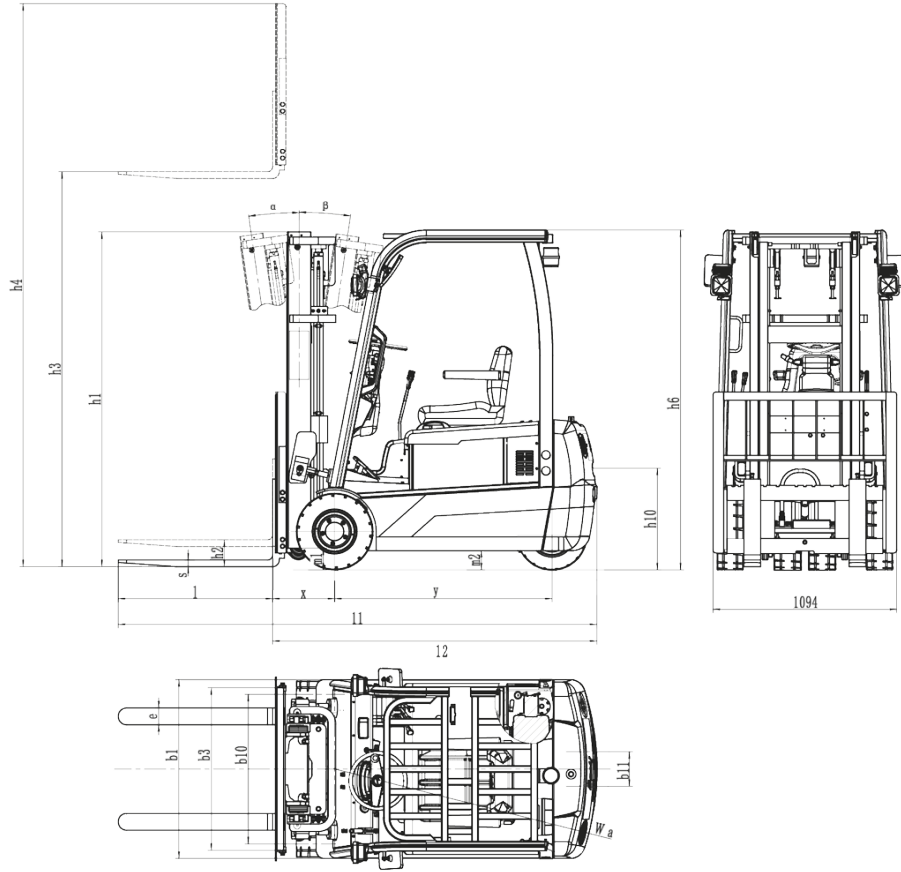
KBE 20								
Mast type	H3	Rated Capacity - Load center 500 mm	Rated Capacity - Load center 500 mm - with Sideshift	H1	H4 with load backrest	H2 without load backrest	H2 with load backrest	Mast angle Front/back
VM Tele	2500	2000	1850	1800	3540	140	140	6/12
	3000	2000	1850	2050	4040	140	140	6/12
	3300	2000	1850	2200	4340	140	140	6/12
	3500	2000	1850	2300	4540	140	140	6/12
	3600	2000	1850	2350	4640	140	140	6/12
	4000	1900	1750	2600	5040	140	140	6/8
	4500	1600	1450	2850	5540	140	140	6/8
	5000	1100	950	3100	6040	140	140	3/6
VFM 2 stage	2500	2000	1850	1800	3540	1210	800	6/12
	2700	2000	1850	1900	3740	1310	900	6/12
	3000	2000	1850	2050	4040	1460	1050	6/12
	3300	2000	1850	2200	4340	1610	1200	6/12
	3500	2000	1850	2300	4540	1710	1300	6/12
	4000	1900	1750	2600	5040	2010	1600	6/8
	4500	1600	1450	2850	5540	2260	1850	6/6
VFHM triplex	3600	1800	1650	1850	4640	1237	850	6/6
	4000	1800	1650	1975	5040	1362	975	6/6
	4350	1700	1550	2100	5390	1487	1100	6/6
	4500	1600	1450	2150	5540	1537	1150	6/6
	4700	1400	1250	2215	5740	1602	1215	6/6
	4800	1400	1250	2250	5840	1637	1250	6/6
	5000	1300	1150	2393	6040	1780	1393	6/6
	5400	1100	950	2593	6440	1980	1593	3/6
	5500	1100	950	2627	6540	2014	1627	3/6
	6000	600	450	2860	7040	2247	1860	3/6

KBE 25								
Mast type	H3	Rated Capacity - Load center 500 mm	Rated Capacity - Load center 500 mm - with Sideshift	H1	H4 with load backrest	H2 without load backrest	H2 with load backrest	Mast angle Front/back
VM Tele	2500	2500	2350	1800	3540	140	140	6/12
	3000	2500	2350	2050	4040	140	140	6/12
	3300	2500	2350	2200	4340	140	140	6/12
	3500	2500	2350	2300	4540	140	140	6/12
	3600	2500	2350	2350	4640	140	140	6/12
	4000	2300	2150	2600	5040	140	140	6/8
	4500	1800	1650	2850	5540	140	140	6/8
	5000	1300	1150	3100	6040	140	140	3/6
VFM 2 stage	2500	2500	2350	1800	3540	1210	800	6/12
	2700	2500	2350	1900	3740	1310	900	6/12
	3000	2500	2350	2050	4040	1460	1050	6/12
	3300	2500	2350	2200	4340	1610	1200	6/12
	3500	2500	2350	2300	4540	1710	1300	6/12
	4000	2300	2150	2600	5040	2010	1600	6/8
	4500	1800	1650	2850	5540	2260	1850	6/6
VFHM triplex	3600	2300	2150	1850	4640	1237	850	6/6
	4000	2200	2050	1975	5040	1362	975	6/6
	4350	1900	1750	2100	5390	1487	1100	6/6
	4500	1800	1650	2150	5540	1537	1150	6/6
	4700	1600	1450	2215	5740	1602	1215	6/6
	4800	1600	1450	2250	5840	1637	1250	6/6
	5000	1400	1250	2393	6040	1780	1393	6/6
	5400	1200	1050	2593	6440	1980	1593	3/6
	5500	1100	950	2627	6540	2014	1627	3/6
	6000	700	550	2860	7040	2247	1860	3/6
6500	500	350	3100	7540	2450	2060	3/3	

KBE 30								
Mast type	H3	Rated Capacity - Load center 500 mm	Rated Capacity - Load center 500 mm - with Sideshift	H1	H4 with load backrest	H2 without load backrest	H2 with load backrest	Mast angle Front/back
VM Tele	2500	3000	2850	1790	3773	145	145	6/10
	2700	3000	2850	1890	3973	145	145	6/10
	3000	3000	2850	2040	4273	145	145	6/10
	3300	3000	2850	2190	4573	145	145	6/10
	3500	3000	2850	2290	4773	145	145	6/10
	3700	3000	2850	2390	4973	145	145	6/10
	4000	2850	2700	2590	5273	145	145	6/8
	4500	2500	2350	2840	5773	145	145	6/6
VFM 2 stage	2500	3000	2850	1790	3773	1127	557	6/10
	2700	3000	2850	1890	3973	1227	657	6/10
	3000	3000	2850	2040	4273	1377	807	6/10
	3300	3000	2850	2190	4573	1527	957	6/10
	3500	3000	2850	2290	4773	1627	1057	6/10
	3700	3000	2850	2390	4973	1727	1157	6/10
	4000	2850	2700	2590	5273	1927	1357	6/8
	4500	2500	2350	2840	5773	2117	1607	6/6
VFHM triplex	4000	2750	2600	1965	5273	1350	732	6/6
	4350	2600	2450	2090	5623	1475	857	6/6
	4500	2400	2250	2140	5773	1525	907	6/6
	4700	2200	2050	2205	5973	1590	972	6/6
	4800	2200	2050	2240	6073	1625	1007	6/6
	5000	2000	1850	2383	6273	1768	1150	6/6
	5400	1500	1350	2583	6673	1968	1350	3/6
	5500	1500	1350	2617	6773	2002	1384	3/6
	6000	1100	950	2850	7273	2235	1617	3/6
6500	700	550	3100	7800	2350	1850	3/3	

KBE 35								
Mast type	H3	Rated Capacity - Load center 500 mm	Rated Capacity - Load center 500 mm - with Sideshift	H1	H4 with load backrest	H2 without load backrest	H2 with load backrest	Mast angle Front/back
VM Tele	2500	3500	3300	1980	3773	145	145	6/12
	2700	3500	3300	2080	3973	145	145	6/12
	3000	3500	3300	2230	4273	145	145	6/12
	3300	3500	3300	2380	4573	145	145	6/12
	3500	3500	3300	2480	4773	145	145	6/12
	4000	3200	3000	2780	5273	145	145	6/8
	4500	2600	2400	3030	5773	145	145	6/6
	5000	2100	1900	3280	6273	145	145	3/6
VFM 2 stage	2500	3500	3300	1830	3773	1172	602	6/12
	2700	3500	3300	1930	3973	1272	702	6/12
	3000	3500	3300	2080	4273	1422	852	6/12
	3300	3500	3300	2230	4573	1572	1002	6/12
	3500	3500	3300	2330	4773	1672	1102	6/12
	4000	3200	3000	2630	5273	1972	1402	6/8
	4500	2600	2400	2880	5773	2222	1652	6/6
VFHM triplex	4000	3200	3000	2005	5273	1246	777	6/6
	4350	3000	2800	2130	5623	1371	902	6/6
	4500	3000	2800	2180	5773	1421	952	6/6
	4700	2500	2300	2245	5973	1486	1017	6/6
	4800	2500	2300	2280	6073	1521	1052	6/6
	5000	2400	2200	2423	6273	1664	1195	6/6
	5400	1750	1550	2623	6673	1864	1395	3/6
	5500	1750	1550	2657	6773	1898	1429	3/6
	6000	1200	1000	2890	7273	2131	1662	3/6
	6500	800	650	3130	7780	2400	2120	3/3

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