



KBG 1.5-3.5 t

LPG trucks

KBG 15 KBG 18 KBG 20
KBG 25 KBG 30 KBG 35



1.1	Manufacturer		KION Baoli
1.2	Model designation		KBG15
1.3	Power type: Electric-Diesel-Petrol-LPG-Network Power (Electric)		LPG/gasoline
1.4	Operation Type: Hand-stand on-Driver seated		Driver seated
1.5	Load Capacity	Q(Kg)	1500
1.6	Load center	C(mm)	500
1.8	Axle centre to fork face	X(mm)	435
1.9	Wheel Base	Y(mm)	1500
2.1	Service Weight	Kg	2960
2.2	Axle weight with Rated Load front/rear	Kg	3800/660
2.3	Axle weight without Load front/rear	Kg	1340/1620
3.1	Tyres:SE-Super elastic PN-Pneumatic		PN
3.2	Front Tyres Size		6.50-10-14PR
3.3	Rear Tyres Size		5.00-8-10PR
3.6	Front Track Width	b10(mm)	940
3.7	Rear Track Width	b11(mm)	920
4.1	Mast lift.forward/backward	α/β (Grad)	6°/12°
4.2	Mast Minimum Overall Height	h1(mm)	2002
4.3	Free lift	h2(mm)	128
4.4	Lift height	h3(mm)	3000
4.5	Mast Maximum Overall Height	h4(mm)	4040
4.7	Overhead Guard Height	h6(mm)	2065
4.8	Seat Height	h7(mm)	1010
4.12	Drawbar Height	h10(mm)	220
4.19	Overall Length	L1(mm)	3282
4.20	Lenght to Face of Forks	L2(mm)	2362
4.21	Overall Width	b1(mm)	1140
4.22	Fork Arms Dimensions	s/e/l(mm)	35/120/920
4.23	Fork Carriage in Compliance with ISO 2328 Class/Form A.B		A
4.24	Fork Carriage Width	b3(mm)	1040
4.31	Ground Clearance below Mast(with load)	m1(mm)	110
4.32	Ground Clearance Centre of Wheelbase(with load)	m2(mm)	105
4.34.1	Aisle Width with pallet 1000×1200 and Fork Arms Pitch 1200	Ast(mm)	3795
4.34.2	Aisle Width with pallet 1000×1200 and Fork Arms Pitch 1200	Ast(mm)	3995
4.35	Turning Radius	Wa(mm)	2160
5.1	Drive Speed with/without load	km/h	16.1/16.1
5.2	Lifting Speed with/without load	mm/s	461.5/699.3
5.3	Lowering Speed with/without load	mm/s	381.7/421.2
5.5	Drawbar Pull Tractive Effort (at 2km/h) with/without load	KN	20/10
5.7	Gradeability (at 2km/h) with/without load	%	20
5.10	Service Brake		Mechanical/hydraulic
7.1	Engine Manufacturer/Engine Type		GCT K21
7.2	Engine Power in compliance with ISO 1585	Kw	32.3
7.3	Rated Number of Revolutions	/min	2400
7.4	Cylinder Number/Displacement	cm³	4/2095
7.5	Fuel Consumption in compliance with VDI-Cycle	l/h	4.1L/h
7.9	On-board voltage	V	12
8.1	Drive Control Type		Electron Hydraulic
10.4	Volume fuel tank	l/kg	45/37
10.7	Noise at Operator's Ear	db(A)	105
10.8	Drawbar.model/Type DIN		Pin



KION Baoli	KION Baoli	KION Baoli	KION Baoli	KION Baoli
KBG18	KBG20	KBG25	KBG30	KBG35
LPG/gasoline	LPG/gasoline	LPG/gasoline	LPG/gasoline	LPG/gasoline
Driver seated	Driver seated	Driver seated	Driver seated	Driver seated
1800	2000	2500	3000	3500
500	500	500	500	500
435	435	484	484	484
1500	1500	1700	1700	1700
3100	3160	4080	4220	4680
4200/680	4440/660	6280/480	6340/840	7180/1000
1280/1820	1280/1880	1880/2200	1680/2540	1550/3130
PN	PN	PN	PN	PN
6.50-10-14PR	6.50-10-14PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR
5.00-8-10PR	5.00-8-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
940	940	1000	1000	1000
920	920	970	970	970
6°/12°	6°/12°	6°/12°	6°/12°	6°/12°
2002	2002	2080	2080	2230
128	128	140	145	145
3000	3000	3000	3000	3000
4040	4040	4050	4273	4273
2065	2065	2108	2108	2108
1010	1010	1085	1085	1085
220	220	300	300	300
3316	3490	3730	3780	3880
2396	2420	2660	2710	2810
1140	1140	1225	1225	1296
35/120/920	40/122/1070	40/122/1070	45/125/1070	50/125/1070
A	A	A	A	A
1040	1040	1040	1100	1100
110	110	135	135	135
105	105	140	140	140
3815	3835	4124	4144	4224
4015	4035	4324	4344	4424
2180	2200	2440	2460	2540
15.7/16.5	15.7/16.5	17/18.2	18.5/19	18/19
457.3/744.42	655/694.1	316/454	370/458	338/478
403.2/405.04	519.9/531.9	469/424	466/383	459/380
19.5/9	20/14	17/13	15/10	16/10
20	20	20	20	20
Mechanical/hydraulic	Mechanical/hydraulic	Mechanical/hydraulic	Mechanical/hydraulic	Mechanical/hydraulic
GCT K21	GCT K21	GCT K25	GCT K25	GCT K25
32.3	32.3	37.4	37.4	37.4
2400	2400	2400	2400	2400
4/2095	4/2095	4/2488	4/2488	4/2488
4.21L/h	4.32L/h	3.6	3.8	4
12	12	12	12	12
Electron Hydraulic	Electron Hydraulic	Electron Hydraulic	Electron Hydraulic	Electron Hydraulic
45/37	45/37	45/37	45/37	45/37
105	106	107	107	107
Pin	Pin	Pin	Pin	Pin

KBG 15 - KBG 18 - KBG 20									
Mast type	h3	Rated capacity			Height		Free-lift height		Mast angle
		Load center 500mm			h1	h4	Without load carriage	With load carriage	Front/back
		1.5t	1.8t	2.0t					
VM Tele	3000	1500	1800	2000	2002	4041	128	128	6/12
	3300	1500	1800	2000	2152	4341	128	128	
	4000	1500	1800	2000	2552	5041	128	128	
	4500	1350	1600	1750	2802	5541	128	128	
	5000	1200	1450	1500	3052	6041	128	128	
VFM 2 stage	3000	1500	1800	2000	2002	4041	1411	1001	6/12
	3500	1500	1800	2000	2152	4541	1561	1151	
	4000	1500	1800	2000	2552	5041	1961	1551	
VFHM triplex	4350	1450	1550	1700	2005	5623	1376	777	6/6
	4500	1300	1400	1600	2130	5773	1501	902	
	4700	1180	1200	1400	2180	5973	1551	952	
	4800	1080	1100	1300	2245	6073	1616	1017	
	5000	1000	1050	1250	2280	6273	1651	1052	
	5400	980	1000	1165	2423	6673	1794	1195	
	5500	950	980	1120	2623	6773	1994	1395	
	6000	850	890	1000	2657	7273	2028	1429	

KBG 25									
Mast type	h3	Rated capacity		Height		Free-lift height		Mast angle	
		Load center 500mm		h1	h4	Without load carriage	With load carriage	Front/back	
		2.5t	Twin tyres						
VM Tele	2500			1830	3540	140	140	6/12	
	2700			1930	3740	140	140		
	3000	2500		2080	4040	140	140		
	3300			2230	4340	140	140		
	3500			2330	4540	140	140		
	4000	2300	2500	2630	5040	140	140		
	4500	1800	2300	2880	5540	140	140		
	5000	1300	2200	3130	6040	140	140		
	5500	1200	1700	3430	6540	140	140		
VFM 2 stage	2500			1830	3540	1170	830	6/12	
	2700			1930	3740	1270	930		
	3000	2500		2080	4040	1420	1080		
	3300			2230	4340	1570	1230		
	3500			2330	4540	1670	1330		
	4000	2300	2500	2630	5040	1970	1630		
VFHM triplex	4500	1800	2300	2880	5540	2220	1880	6/6	
	4000	2300	-	2005	5040	1375	1005		
	4350	2000	2400	2130	5390	1500	1130		
	4500	1800	2300	2180	5540	1550	1180		
	4700	1700	2200	2245	5740	1615	1245		
	4800	1700	2200	2280	5840	1650	1280		
	5000	1500	2100	2423	6040	1793	1423		
	5400	1200	2000	2623	6440	1993	1623		
	5500	1100	1800	2657	6540	2027	1657		
	6000	800	1600	2890	7040	2260	1890		

KBG 30								
Mast type	h3	Rated capacity		Height		Free-lift height		Mast angle
		Load center 500mm		h1	h4	Without load carriage	With load carriage	Front/back
		3.0t	Twin tyres					
VM Tele	2500			1830	3773	145	145	6/12
	2700			1930	3973	145	145	
	3000	3000		2080	4273	145	145	
	3300			2230	4573	145	145	
	3500			2330	4773	145	145	
	4000	2900	3000	2630	5273	145	145	6/6
	4500	2500	2800	2880	5773	145	145	
	5000	2000	2700	3130	6273	145	145	3/6
	5500	-	2400	3430	6773	145	145	
VFM 2 stage	2500			1830	3773	1172	602	6/12
	2700			1930	3973	1272	702	
	3000	3000		2080	4273	1422	852	
	3300			2230	4573	1572	1002	
	3500			2330	4773	1672	1102	
	4000	2900	3000	2630	5273	1972	1402	
	4500	2500	2800	2880	5773	2222	1652	
VFHM triplex	4000	2800	-	2005	5273	1376	777	6/6
	4350	2600	2900	2130	5623	1501	902	
	4500	2450	2800	2180	5773	1551	952	
	4700	2300	2700	2245	5973	1616	1017	
	4800	2200	2700	2280	6073	1651	1052	
	5000	2000	2600	2423	6273	1794	1195	
	5400	1600	2400	2623	6673	1994	1395	
	5500	1600	2250	2657	6773	2028	1429	3/6
	6000	1100	2100	2890	7273	2261	1662	

KBG 35								
Mast type	h3	Rated capacity		Height		Free-lift height		Mast angle
		Load center 500mm		h1	h4	Without load carriage	With load carriage	Front/back
		3.5t	Twin tyres					
VM Tele	2500			1980	3773	145	145	6/12
	2700			2080	3973	145	145	
	3000	3500		2230	4273	145	145	
	3300			2380	4573	145	145	
	3500			2480	4773	145	145	
	4000	3200	3400	2780	5273	145	145	6/6
	4500	2600	3000	3030	5773	145	145	
	5000	2100	2850	3280	6273	145	145	3/6
	5500	-	2400	3580	6773	145	145	
VFM 2 stage	2500			1830	3773	1172	602	6/12
	2700			1930	3973	1272	702	
	3000	3500		2080	4273	1422	852	
	3300			2230	4573	1572	1002	
	3500			2330	4773	1672	1102	
	4000	3200	3400	2630	5273	1972	1402	
	4500	2600	3000	2880	5773	2222	1652	
VFHM triplex	4000	-	-	2005	5273	1246	777	6/6
	4350	3000	3000	2130	5623	1371	902	
	4500	3000	3000	2180	5773	1421	952	
	4700	2500	2900	2245	5973	1486	1017	
	4800	2500	2900	2280	6073	1521	1052	
	5000	2400	2850	2423	6273	1664	1195	
	5400	1750	2500	2623	6673	1864	1395	
	5500	1750	2500	2657	6773	1898	1429	3/6
	6000	1200	2200	2890	7273	2131	1662	