



KBD 15 - 35+

1.1	Manufacturer		KION BAOLI
1.2	Manufacturer's type designation		KBD 35+
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)	3.5
1.6	Load centre distance	c (mm)	500
1.8	Load distance, centre of drive axle to fork	x (mm)	484
1.9	Wheelbase	y (mm)	1700
2.1	Service weight	Kg	4880
2.2	Axle loading, laden front/rear	Kg	7300/1100
2.3	Axle loading, unladen front/rear	Kg	1640/3240
3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		PN
3.2	Tyre size, front		28x9-15-14PR
3.3	Tyre size, rear		6,50-10-10PR
3.6	Tread, front	b10 (mm)	1060
3.7	Tread, rear	b11 (mm)	970
4.1	Tilt of mast/fork carriage forward/backward	α/β (°)	6/12
4.2	Height, mast lowered	h1 (mm)	2230
4.3	Free lift	h2 (mm)	145
4.4	Lift	h3 (mm)	3000
4.5	Height, mast extended	h4 (mm)	4273
4.7	Height of overhead guard (cabin)	h6 (mm)	2108
4.8	Seat height/stand height	h7 (mm)	1085
4.12	Coupling height	h10 (mm)	300
4.19	Overall length	l1 (mm)	3880
4.20	Length to face of forks	l2 (mm)	2810
4.21	Overall width	b1/b2 (mm)	1285
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)	1100
4.31	Ground clearance, laden, below mast	m1 (mm)	135
4.32	Ground clearance, centre of wheelbase	m2 (mm)	140
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	4224
4.34.2	Aisle width for pallets 800 x 1200 crossways	Ast (mm)	4024
4.35	Turning radius	Wa (mm)	2540
4.36	Internal turning radius	b13 (mm)	810
5.1	Travel speed, laden/unladen	km/h	16/17
5.2	Lift speed, laden/unladen	m/s	0,560/0,585
5.3	Lowering speed, laden/unladen	m/s	0,490/0,395
5.5	Drawbar pull, laden/unladen	kN	16/10
5.7	Gradeability, laden/unladen	%	15
5.10	Service brake		Mech/Hydr
7.1	Engine manufacturer/type		Mitsubishi S4S
7.2	Engine power according to ISO 1585	kW	35.3
7.3	Rated speed	min-1	2250
7.4	Number of cylinders/displacement	cm3	4/3331
7.5	Fuel consumption at turnover output	l/h or kg/h	-
7.9	Vehicle electrical system voltage	V	12
8.1	Type of drive unit		Hydrodynamic
10.4	Fuel tank, capacity	l/kg	52/45
10.8	Towing coupling, type DIN		Pin

Diesel and LPG trucks

KBD 35+										
Mast type	H3	Rated Capacity - Load center 500 mm	Rated Capacity - Load center 500 mm - with Hang-on Sideshift	Rated Capacity - Load center 500 mm - Twin tyres	Rated Capacity - Load center 500 mm - Twin tyres - with Hang-on Sideshift	H1	H4 with load backrest	H2 without load backrest	H2 with load backrest	Mast angle Front/back
VM Tele	3000	3500	3350	3500	3350	2230	4273	150	150	6/12
	3300	3500	3350	3500	3350	2380	4573	150	150	6/12
	3500	3500	3350	3500	3350	2480	4773	150	150	6/12
	4000	3500	3350	3500	3350	2780	5273	150	150	6/8
	4500	3500	3350	3500	3350	3030	5773	150	150	6/6
	5000	3500	3350	3500	3350	3280	6273	150	150	3/6
	5500	3500	3350	3500	3350	3580	6773	150	150	3/6
VFM 2 stage	3000	3500	3350	3500	3350	2080	4273	1422	857	6/12
	3300	3500	3350	3500	3350	2230	4573	1572	1007	6/12
	3500	3500	3350	3500	3350	2330	4773	1672	1107	6/12
	4000	3500	3350	3500	3350	2630	5273	1972	1407	6/8
	4500	3500	3350	3500	3350	2880	5773	2222	1657	6/6
VFHM triplex	4000	3500	3350	3500	3350	2005	5273	1376	782	6/6
	4350	3500	3350	3500	3350	2130	5623	1501	907	6/6
	4500	3500	3350	3500	3350	2180	5773	1551	957	6/6
	4700	3500	3350	3500	3350	2245	5973	1616	1022	6/6
	4800	3500	3350	3500	3350	2280	6073	1651	1057	6/6
	5000	3500	3350	3500	3350	2423	6273	1794	1200	6/6
	5400	3500	3350	3500	3350	2623	6673	1994	1400	3/6
	5500	3500	3350	3500	3350	2657	6773	2028	1434	3/6
6000	2450	2300	3500	3350	2890	7273	2261	1667	3/6	

