



KBD 50 - 100

1.1	Manufacturer		KION BAOLI
1.2	Manufacturer's type designation		KBD 100 Isuzu
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)	10,0
1.6	Load centre distance	c (mm)	600
1.8	Load distance, centre of drive axle to fork	x (mm)	700
1.9	Wheelbase	y (mm)	2800
2.1	Service weight	Kg	13200
2.2	Axle loading, laden front/rear	Kg	21180/2040
2.3	Axle loading, unladen front/rear	Kg	6260/6940
3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		PN
3.2	Tyre size, front		9,00-20/14PR
3.3	Tyre size, rear		9,00-20/14PR
3.6	Tread, front	b10 (mm)	1600
3.7	Tread, rear	b11 (mm)	1700
4.1	Tilt of mast/fork carriage forward/backward	α/β (°)	6/12
4.2	Height, mast lowered	h1 (mm)	2760
4.3	Free lift	h2 (mm)	143
4.4	Lift	h3 (mm)	3000
4.5	Height, mast extended	h4 (mm)	4545
4.7	Height of overhead guard (cabin)	h6 (mm)	2567
4.8	Seat height/stand height	h7 (mm)	1512
4.12	Coupling height	h10 (mm)	478
4.19	Overall length	l1 (mm)	5780
4.20	Length to face of forks	l2 (mm)	4280
4.21	Overall width	b1/b2 (mm)	2175
4.22	Fork dimensions ISO 2331	s/e/l (mm)	80/160/1500
4.23	Fork carriage ISO 2328, class/type A, B		V A
4.24	Fork carriage width	b3 (mm)	2239
4.31	Ground clearance, laden, below mast	m1 (mm)	215
4.32	Ground clearance, centre of wheelbase	m2 (mm)	340
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	6150
4.34.2	Aisle width for pallets 800 x 1200 crossways	Ast (mm)	5950
4.35	Turning radius	Wa (mm)	4250
4.36	Internal turning radius	b13 (mm)	1000
5.1	Travel speed, laden/unladen	km/h	22/28
5.2	Lift speed, laden/unladen	m/s	0,340/0,390
5.3	Lowering speed, laden/unladen	m/s	0,438/0,276
5.5	Drawbar pull, laden/unladen	kN	50/45
5.7	Gradeability, laden/unladen	%	20
5.10	Service brake		Mech/Hydr
7.1	Engine manufacturer/type		Isuzu 6BG1QC-02
7.2	Engine power according to ISO 1585	kW	82.5
7.3	Rated speed	min-1	2000
7.4	Number of cylinders/displacement	cm3	6/6494
7.5	Fuel consumption at turnover output	l/h or kg/h	-
7.9	Vehicle electrical system voltage	V	24
8.1	Type of drive unit		Hydrodynamic
10.4	Fuel tank, capacity	l/kg	100
10.8	Towing coupling, type DIN		Pin

Diesel and LPG trucks

KBD 100 Isuzu							
Mast type	H3	Rated Capacity - Load center 600 mm	H1	H4 with load backrest	H2 without load backrest	H2 with load backrest	Mast angle Front/ back
VM Tele	3000	10000	2845	4307	210	210	6/12
	3300	10000	2995	4607	210	210	6/12
	3500	10000	3095	4807	210	210	6/12
	4000	10000	3395	5307	210	210	6/12
	4500	10000	3645	5807	210	210	6/12
	5000	10000	3895	6307	210	210	6/6
	5500	9000	4195	7032	210	210	3/6
	6000	8000	4445	7532	210	210	3/6
VFHM triplex	4500	7500	2870	5872	1578	1393	6/12
	4800	7500	2970	6172	1678	1493	6/6
	5000	7500	3035	6372	1743	1558	6/6
	5400	7000	3225	6772	1933	1748	3/6
	6000	6000	3425	7372	2133	1948	3/6

