

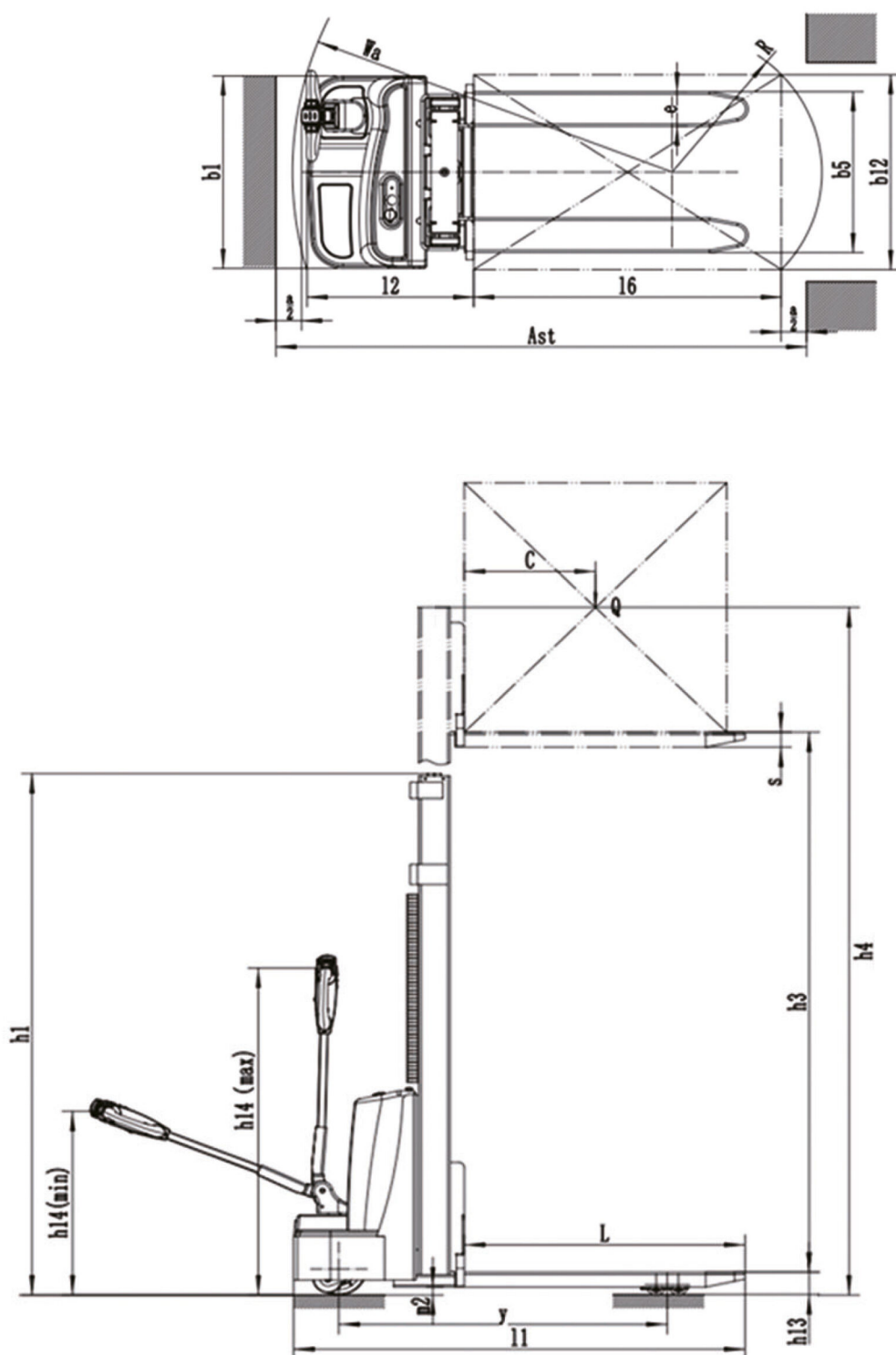
Baoli

KBS15-S



1.1	Manufacturer		KION BAOLI
1.2	Manufacturer's type designation		KBS15-S
1.3	Drive: electric, diesel, petrol, fuel gas		Electric
1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Pedestrian
1.5	Rated capacity / Rated load	Q (t)	1.5
1.6	Load centre distance	c (mm)	500
1.8	Load distance, centre of drive axle to fork	x (mm)	739
1.9	Wheelbase	y (mm)	1252
2.1	Service weight	Kg	450
2.2	Axle loading, laden front/rear	Kg	603/1415
2.3	Axle loading, unladen front/rear	Kg	385/144
3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		PU
3.2	Tyre size, front		Ø 210x70
3.3	Tyre size, rear		Ø 80x70
3.5	Wheels, number front/rear (x = driven wheels)		1x+1/4
3.6	Tread, front	b10 (mm)	428/538
3.7	Tread, rear	b11 (mm)	634
4.1	Tilt of mast/fork carriage forward/backward	α/β (°)	-
4.2	Height, mast lowered	h1 (mm)	2080
4.3	Free lift	h2 (mm)	1600
4.4	Lift	h3 (mm)	1600
4.5	Height, mast extended	h4 (mm)	2080
4.7	Height of overhead guard (cabin)	h6 (mm)	-
4.8	Seat height/stand height	h7 (mm)	-
4.9	Height drawbar in driving position min/max	h14 (mm)	750/1310
4.12	Coupling height	h10 (mm)	-
4.15	Height, lowered	h13 (mm)	90
4.19	Overall length	l1 (mm)	1720
4.20	Length to face of forks	l2 (mm)	603
4.21	Overall width	b1/b2 (mm)	790
4.22	Fork dimensions ISO 2331	s/e/l (mm)	60/142/1150
4.23	Fork carriage ISO 2328, class/type A, B		-
4.24	Fork carriage width	b3 (mm)	-
4.25	Distance between fork-arms	b5 (mm)	560/680
4.31	Ground clearance, laden, below mast	m1 (mm)	-
4.32	Ground clearance, centre of wheelbase	m2 (mm)	25
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	2321
4.34.2	Aisle width for pallets 800 x 1200 lengthways	Ast (mm)	2265
4.35	Turning radius	Wa (mm)	1405
4.36	Internal turning radius	b13 (mm)	-
5.1	Travel speed, laden/unladen	km/h	3,5/4,0
5.2	Lift speed, laden/unladen	m/s	0,085/0,110
5.3	Lowering speed, laden/unladen	m/s	0,150/0,080
5.5	Drawbar pull, laden/unladen	kN	-
5.7	Gradeability, laden/unladen	%	-
5.8	Max gradeability, laden/unladen	%	3/10
5.10	Service brake		Electromagnetic
6.1	Drive motor rating S2 60 min	kW	0.75
6.2	Lift motor rating at S3 15%	kW	2.2
6.3	Battery according to DIN 43531/35/36 A, B, C, no		-
6.4	Battery voltage/nominal capacity K5	V/Ah	24/85
6.5	Battery weight	kg	15
6.6	Energy consumption according to VDI cycle	kWh/h	-
7.1	Engine manufacturer/type		-
7.2	Engine power according to ISO 1585	kW	-

7.3	Rated speed	min-1	-
7.4	Number of cylinders/displacement	cm3	-
7.5	Fuel consumption according to VDI cycle	l/h or kg/h	-
7.9	Vehicle electrical system voltage	V	-
8.1	Type of drive unit		DC
10.1	Operating pressure for attachments	bar	-
10.4	Fuel tank, capacity	l/kg	-
10.7	Sound pressure level at driver's seat	dB (A)	<70
10.8	Towing coupling, type DIN		-



KBS15-S	
1600 mm	
H3 (mm)	Q (kg)
1510	1500 1000 850
H3 (mm)	500 600 700

KBS15-S			
2500 mm			
H3 (mm)	Q (kg)		
2410	1500	1000	850
1510	1500	1000	850
H3 (mm)	500	600	700

KBS15-S			
3000 mm			
H3 (mm)	Q (kg)		
2910	1000	600	500
2410	1500	1000	850
1510	1500	1000	850
H3 (mm)	500	600	700

KBS15-S			
3500 mm			
H3 (mm)	Q (kg)		
2910	1000	600	500
2410	1500	1000	850
1510	1500	1000	850
H3 (mm)	500	600	700

KBS15-S



The KBS15-S is a compact electric pallet stacker designed for stacking and transport tasks in indoor environments. It has a load capacity of 1.500 kg at a 500 mm load center and a maximum lift height of 3,5 meters.

KBS15-S is powered by a 24 V / 85 Ah lead-acid battery and features an onboard charger for convenient charging. Its compact chassis ensures maneuverability in narrow aisles and doorways.

The protective metal grid on the mast enhances operator safety, while the creep speed mode and pin code access improve usability and security.

The tiller handle is designed for intuitive control.

The KBS15-S is a reliable solution for businesses needing a single truck for stacking and transport operations.

Technology and features

- ✓ Compact design and creep mode enable use in tight areas
- ✓ Protective mast grid improves operator safety
- ✓ Onboard charger allows easy charging
- ✓ Pin code access secures the truck from unauthorized use

