

COUNTER BALANCE STACKER VVE CB 15

Capacity : 1500 kg
@ 500 mm LOAD CENTRE

AC VERSION



Travel Control From Tiller Handle

- Forward / Reverse through butterfly switches
- Compact design which can maneuver in small aisle width

Safety Features

- Safety Belly Button Switch for Operators Safety
- Automatic speed Reduction When operator dismounts driving platform
- Emergency stop switch

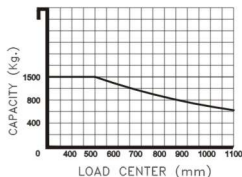
Special Features

- Battery Discharge Indicator Provided to monitor state of battery
- Completely Oil enclosed gear box and drive wheel
- AC drive motor is controlled by advance Curtis speed controller
- Manual control valve for smooth lifting & lowering
- Regenerative braking - conserve energy
- Electromagnetic Brake
- Mast Tilt Forward / Backward is 3 degree / 5 degree



TECHNICAL SPECIFICATION

CHARACTERISTICS	1.1	Manufacturer	KION India
	1.2	Model Designation	VVE CB -1.5T
	1.3	Power unit	BATTERY
	1.4	Operation: manual, stand-on, seated	STAND-ON
	1.5	Load Capacity	Q (kg) 1500
WEIGHT	1.6	Load center	C (mm) 500
	1.7	Axle center to fork face	X (mm) 165
	1.8	Wheelbase	Y (mm) 1330
	2.1	Service weight	kg 2082
	2.2	Axle load laden, front/rear	kg 1207/875
WHEELS & TYRES	2.3	Axle load unladen, front/rear	kg 502/3080
	3.1	Tyre	POLYURETHENE
	3.2	Tyre size, front	mm \varnothing 230 x 110
	3.3	Tyre size, rear	mm \varnothing 230 x 75
	3.4	Wheels,number front/rear (x=drive)	2/1X
DIMENSIONS	3.5	Track width,front	b11 mm 950
	4.1	Mast tilt, forward / backward	α/β 3°/6°
	4.2	Mast height, lowered	h1 mm 2150 to 2115
	4.3	Freelift	h2 mm 1640
	4.4	Max. Lift Height extended	h3 mm 4500
	4.5	Mast height, extended	h4 mm 4970
	4.6	Overall length Platform (c/o)	L1 mm 2835/3345
	4.7	Length to fork face Platform (c/o)	L2 mm 1765/2275
	4.8	Overall width	b1/b2 mm 436 / 1080
	4.9	Fork dimension	s/e/l mm 40x100x1000
PERFORMANCE	4.10	Width of fork carriage	b3 mm 800
	4.11	Tiller Handle Height	h14 1400
	4.12	Tiller Handle Height min.	h12 1030
	4.13	Tiller Handle Height max.	h13 1290
	4.14	Fork carriage to IS 7525-2003class/form A,B	2A
	4.15	Ground clearance,at frame	m2 mm 75
	4.16	Aisle width pallet 1000x1200 across fork	Ast mm 2835 + 160
	4.17	Aisle width pallet 800x1200 along fork	Ast mm 3035 + 160
	4.18	Turning radius	Wa mm 1600
	5.1	Travel speed, with / without load	km/h 5.5 / 5.5
DRIVE	5.2	Lifting speed,with/without load	m/s 0.1/0.125
	5.3	Lowering speed, with / without load	m/s 0.2/0.15
	5.4	Gradability with/without load	% 8 / 10
	5.5	Service brake	ELECTROMAGNETIC
	5.6	Steering	MECHANICAL
	6.1	Motor Type - Drive	AC Motor
	6.2	Motor performance AC	hp/Kw S2 60 minutes rating
	6.3	Lift Motor rating	KW 3 KW, S3 11% Rating
	6.4	Battery Voltage/ rated capacity	v/Ah 24/345
	6.5	Battery weight	KG. 300
OTHERS	6.6	Transmission make/model	KION
	6.7	Transmission Type	REDUCTION
	8.1	Hydraulic pump type	Gear pump
	8.2	Hydraulic pump displacement	cc/rev 3.7
8.3	Control valve type	DC VALVE	
8.4	Control valve displacement	lpm 45	



Lift Height h3	Closed Mast Height h1	Extended Mast Height h4	Free Lift h2	Capacity AT 500 mm L.C - Kg (Q)
2750	1885	3235	NA	1500
3150	2075	3615	NA	1500
4500	2150	4970	1640	900

Due to continuous improvements the dimensions are subjected to change without notice


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