

■ Electric Counterbalance Stacker, Standing Operation DB12C/16C-R1

AC Driving

Lifting electronic limit switch

Electric power steering system

Emergency power off switch

Shock-absorber type pedal

Automatic deceleration at the high position

Turning automatic speed limit function

The gear pump is made in Italy



Safe & Efficient

- Double lines solenoid valve, three kinds deceleration model.
- Curtis driving and steering controller, more stable and efficient.
- With lifting limit switch to shut off pump motor at the max, lifting height.
- AC stepless motor, more powerful, lower-noise and safer.
- External charger plug, it's needn't open the cover and makes charging be convenience.

Excellent performance

- Owning electromagnetic regenerative dual braking system.

- Emergency reversing device, emergency switch, EPS equipped handle to be effortless.

- There are standing, walkie, low running speed and limit speed function at overhead to meet kinds working condition.

Comfortable & practical

- Turning automatic speed limit function improve the operation comfort.
- AC Motor eliminates replacement of carbon brush.
- Large removable pedal with shock absorption function, operating space and driving comfort.
- Adjusted performance make the driving be smooth and comfortable.

■ DB12 2-STAGE STANDARD MAST

Lift mm	Carrying capacity kg	Portal frame height		Free lift mm
		Lowered (mm)	Mast Extended (mm)	
2000	1200	1530	3125	85
2500	1000	1780	3625	85
3000☆	800	2030	4125	85
3300	700	2180	4425	85
3500	650	2280	4625	85

■ DB16 2-STAGE STANDARD MAST

Lift mm	Carrying capacity kg	Portal frame height		Free lift mm
		Lowered (mm)	Mast Extended (mm)	
2000	1600	1540	3125	75
2500	1200	1790	3625	75
3000☆	1000	2040	4125	75
3300	900	2190	4425	75
3500	800	2290	4625	75
3700	700	2390	4825	75
4000	600	2590	5125	75

Note : the data with☆on this list is as option.

IDENTIFICATION		DB12C-R1	DB16C-R1
Load Capacity/rated load	Q(kg)	1200	1600
Load centre distance	c(mm)	500	500
Load distance	x(mm)	91	116
WEIGHT			
Service weight (including battery)	kg	1830	1980
Axle loading, laden, front/rear	kg	320/2690	440/3120
Axle loading, unladen, front/rear	kg	1060/770	1100/880
WHEEL CHASSIS			
Tyres Type	-	polyurethane	polyurethane
Wheel size, front	-	ϕ 230×80	ϕ 230×80
Wheel size, rear	-	ϕ 160×75	ϕ 160×75
Additional wheels	-	-	-
Wheels, number front/rear (x=driven wheels)	-	1x/2	1x/2
DIMENSIONS			
Height of tiller, in drive position, Min. /Max.	h14(mm)	935/1322	935/1322
Height, fork lowered	h13(mm)	55	55
Overall length	l1(mm)	2560	2910
Length to face of forks	l2(mm)	1490	1840
Overall width	b1(mm)	1020(850)	1020(850)
Fork dimensions	s/e/l(mm)	35/100/1070	35/100/1070
Fork-carriage width	b3(mm)	670	670
Ground clearance ,Centre of wheelbase	m2(mm)	50	50
Aisle width for pallets 1000x1200 crossways	Ast(mm)	2958	3308
Turning radius	Wa(mm)	1377	1727
PERFORMANCE			
Travel speed, laden/unladen	Km/h	5/5.5	5/5.5
Lift speed, laden/unladen	m/s	0.1/0.15	0.08/0.12
Lowering speed, laden/ unladen	m/s	0.08/0.18	0.085/0.18
Max. gradeability, laden/unladen	%	4.5/7	3/6.5
Service brake	-	Electromagnetic brake	Electromagnetic brake
MOTOR			
Drive motor power	kW	1.5(AC)	1.5(AC)
Lift motor power	kW	2.2(DC)	3(DC)
Battery voltage/rated capacity	V/Ah	24/270	24/270
Sound level at the driver's ear according to DIN12053	dB(A)	70	70

The company reserves the right to modify the provision of parameters, such as a change without notice.