

Characteristics	model		DB12C-R1	DB16C-R1
	drive		battery	battery
	operator type		walkie	walkie
	load capacity	Q(kg)	1200	1600
	load centre	c(mm)	500	501
	front overhang	x(mm)	91	92
	wheel base	Y(mm)	1179	1529
weight	capacity(with battery)	kg	1830	1950
	axle loading , unladen(front/rear)	kg	1060/770	1150/900
	axle loading , laden(front/rear)	kg	320/2690	360/3290
wheels chassis	tyres type		polyurethane	polyurethane
	wheel size (front)		φ230×80	φ230×81
	wheel size (rear)		φ160×75	φ160×76
	additional wheels		-	-
	wheels , number front/rear (x = drven wheels)		1x+1/2	1x+1/3
	track width (front)	b10(mm)	-	-
	track width (rear)	b11(mm)	906	907
dimentions	ciosed mast height	h1(mm)	2030	2031
	lifting height	h3(mm)	3000	3001
	height ,mast extended	h4(mm)	3550	3551
	height of tiller in driving position min/max	h14(mm)	935/1322	935/1323
	height ,fork lowered	h13(mm)	55	56
	length	l1(mm)	2560	2910
	length to face of forks	l2(mm)	1490	1840
	width	b1(mm)	1020 (850)	1020 (851)
	fork dimentions	s/e/l(mm)	35/100/1070	35/100/1071
	width across forks	b5(mm)	200-670	200-671
	ground clearance centre of wheelbase	m2(mm)	50	51
	aisel width, pallet 1000x1200(1200crossways)	Ast(mm)	2958	3308

	aisel width, pallet 800x1200(1200lengthways)	Ast(mm)	2925	3275
	turning radius	Wa(mm)	1377	1727
Dimensions	travel speed , laden/unladen	Km/h	5/5.5	5/5.6
	lifting speed laden/unladen	m/s	0.1/0.15	0.08/0.12
	lowering speed , laden/unladen	m/s	0.08/0.18	0.13/0.18
	max.grade ability, laden/unladen	%	4.5/7	3/6.5
	service brake		electromagnetic	electromagnetic
motor	drive motor power	kW	1.5(AC)	1.6(AC)
	lift motor power	kW	2.2(DC)	3(DC)
	battery voltage/rated capacity	V/Ah	24/270	24/271
	battery weight	kg	265	266
others	type of dirve control		AC	AC
	soundlevel at the driver's sear according to DIN12053	dB(A)	70	71