

Characteristics	model		DB12-RA1	DB15-RA1
	drive		battery	battery
	operator type		srand	srand
	load capacity	Q(kg)	1200	1500
	load centre	c(mm)	600	601
	front overhang	x(mm)	697	698
	wheel base	Y(mm)	1435	1510
weight	capacity(with battery)	kg	660/710/740/760	780/830/840/850
	axle loading , unladen(front/rear)	kg	1060/870	1280/1070
	axle loading , laden(front/rear)	kg	560/170	650/200
wheels chassis	tyres type		polyurethane	polyurethane
	wheel size (front)		φ250×70	φ250×71
	wheel size (rear)		φ80×70	φ80×71
	additional wheels		φ150×60	φ150×61
	wheels , number front/rear (x = driven wheels)		1x+2/4	1x+2/5
	track width (front)	b10(mm)	586	587
	track width (rear)	b11(mm)	410/525	410/526
dimentions	ciosed mast height	h1(mm)	2087/1837/2087/22375	2087/1837/2087/22376
	lifting height	h3(mm)	1600/2500/3000/3300	1600/2500/3000/3301
	height ,mast extended	h4(mm)	22087/3087/3587/3887	22087/3087/3587/3888
	height of tiller in driving position min/max	h14(mm)	1150/1450	1150/1451
	height ,fork lowered	h13(mm)	90	91
	length	l1(mm)	1955	2025
	length to face of forks	l2(mm)	840	920
	width	b1(mm)	850	851
	fork dimentions	s/e/l(mm)	60/170/1070(1150)	60/170/1070(1151)
	width across forks	b5(mm)	580/695	580/696
	ground clearance centre of wheelbase	m2(mm)	28	29
	aisel width, pallet 1000x1200(1200crossways)	Ast(mm)	2470	2535

	aisel width, pallet 800x1200(1200lengthways)	Ast(mm)	2440	2515
	turning radius	Wa(mm)	1575	1655
Dimensions	travel speed , laden/unladen	Km/h	6.5/6.7	6.5/6.8
	lifting speed laden/unladen	m/s	0.06/0.13	0.06/0.14
	lowering speed , laden/unladen	m/s	0.13/0.10	0.13/0.11
	max.grade ability, laden/unladen	%	jun-15	jun-16
	service brake		electromagnetic	electromagnetic
motor	drive motor power	kW	1.2	2.2
	lift motor power	kW	2.2	3.2
	battery voltage/rated capacity	V/Ah	24/120	24/200
	battery weight	kg	90	160
others	type of dirve control		DC	AC
	soundlevel at the driver's sear according to DIN12053	dB(A)	70	71