

Characteristics	model		DB12-WA1	DB15-WA1	DB15-WA1 (standard)
	drive		battery	battery	battery
	operator type		walkie	walkie	walkie
	load capacity	Q(kg)	1200	1500	1500
	load centre	c(mm)	500	600	601
	front overhang	x(mm)	697	698	699
	wheel base	Y(mm)	1335	1410	1383
weight	capacity(with battery)	kg	660/710/740/760	780/830/840/850	1220
	axle loading , unladen(front/rear)	kg	1060/870	1280/1070	1440/1280
	axle loading , laden(front/rear)	kg	560/170	650/200	870/350
wheels chassis	tyres type		polyurethane	polyurethane	polyurethane
	wheel size (front)		φ250×70	φ250×71	φ250×72
	wheel size (rear)		φ80×70	φ80×71	φ80×84
	additional wheels		φ150×60	φ150×61	φ150×62
	wheels , number front/rear (x = driven wheels)		1x+1/4	1x+1/5	1x+1/6
	track width (front)	b10(mm)	520	521	522
	track width (rear)	b11(mm)	410/525	410/526	410/527
dimentions	ciosed mast height	h1(mm)	2087/1837/2087/22375	2087/1837/2087/22376	2050/2210/2410
	lifting height	h3(mm)	1600/2500/3000/3300	1600/2500/3000/3301	4500/5000/5600
	height ,mast extended	h4(mm)	22087/3087/3587/3887	22087/3087/3587/3888	5070/5560/6150
	height of tiller in driving position min/max	h14(mm)	670/1300	670/1301	670/1302
	height ,fork lowered	h13(mm)	90	91	92
	length	l1(mm)	1965	2045	1950
	length to face of forks	l2(mm)	792	878	878
	width	b1(mm)	820	821	822
	fork dimentions	s/e/l(mm)	60/170/1070(1150)	60/170/1070(1151)	60/180/1070(1150)
	width across forks	b5(mm)	580/695	580/696	570/695
	ground clearance centre of wheelbase	m2(mm)	28	29	31
	aisel width, pallet 1000x1200(1200crossways)	Ast(mm)	2400	2480	2450
	aisel width, pallet 800x1200(1200lengthways)	Ast(mm)	2370	2450	2420
	turning radius	Wa(mm)	1525	1605	1575
Dimensions	travel speed , laden/unladen	Km/h	5.3/5.6	5.8/6	5.8/6
	lifting speed laden/unladen	m/s	0.06/0.13	0.06/0.14	0.11/0.15
	lowering speed , laden/unladen	m/s	0.13/0.10	0.13/0.11	0.12/0.12

	max.grade ability, laden/unladen	%	jun-15	jun-16	ago-15
	service brake		electromagnetic	electromagnetic	electromagnetic
motor	drive motor power	kW	0.8	1.2	2.2
	lift motor power	kW	2.2	3.2	3
	battery voltage/rated capacity	V/Ah	24/120	24/200	24/240(300)
	battery weight	kg	90	160	220(260)
others	type of dirve control		DC	AC	AC
	soundlevel at the driver's sear according to DIN12053	dB(A)	70	71	72