

characteristics	model		QB30-SA1	QB50-SA1
	drive tyoe		battery	battery
	operator type		seated	seated
	rated traction weight	kg	3000	5000
	drawbarpull(60mins)	N/kg	750/75	1250/125
	drawbarpull(5mins)	N/kg	3000/300	5000/500
	drawbarcenter height	h1/h2 (mm)	280/350	280/350
capacity	weight	kg	980	1160
	axle loading front	kg	350	410
	axle loading rear	kg	630	750
wheels	tyre number,front/rear,x=driving wheels	x=driviing wheel	1/2X	1/2X
	tyre size ,front	solid rubber	15*4 1/2-8	15*4 1/2-8
	tyre size ,rear	solid rubber	15*4 1/2-8	4.00-8
dimention	wheel base	L1 (mm)	1170	1280
	backward overhang	L2 (mm)	350	450
	tread ,front	W2 (mm)	0	0
	tread ,rear	W1 (mm)	860	946
	seat height	h3 (mm)	850	910
	whole length	L (mm)	1720	1940
	whole width	W (mm)	970	1100
	whole height	h	1250	1250
	approach angle $\alpha_1$	°	$\geq 45^\circ$	$\geq 45^\circ$
	departure angle $\alpha_1$	°	$\geq 40^\circ$	$\geq 40^\circ$
	min ,ground height	X (mm)	90	90
min,turning radius	Wa (mm)	1515	1650	
performance	travel speed ,laden	km/h	7	8
	travel speed ,unladen	km/h	13	14
	max.gradeability,laden	%	6	6
	max.gradeability,unladen	%	15	15
	brake		mechanical ,hydraulic	mechanical ,hydraulic
motor	driving motor power	KW	3	5
battery	voltage	V	48	48
	cap[acity	Ah	270	360
	battery weight	kg	400	530
others	travel control		microcomputer mosfet	microcomputer mosfet
	average noise	dB(A)	68	68
	traction bolt		traction bolt	traction bolt

Characteristics	model		QB30	QB45-RA1
	drive tyoe		battery	battery
	operator type		stand	stand
	rated traction weight	Q(kg)	3000	4500
	drawbarpull(60mins)	(kg)	1800	110
	drawbarcenter height	H10 (mm)	350	128
	drawbarpull(5mins)	(kg)	4200	300
	wheel distance	Y(mm)	—	1054
capacity	weight(with battery)	kg	650	1000
	axle loading front	kg	427	560/440
	axle loading rear	kg	227	580/420
wheel chasis	wheel material		polyurethane	polyurethane
	tyre size ,front		φ254×82	φ250×80
	tyre size ,rear		φ254×100	φ200×50
	added wheels (size)		—	φ127×57
	tyre number,front/rear,x=driving wheels		1x / 2	1X+2/2
	wheel base(rear)	b11(mm)	630	740
dimentions	height of tiller in draving position min/max	h14(mm)	1095/1510	1070/1370
	whole length	l1(mm)	1490	1450
	whole width	b1(mm)	750	830
	ground clearance centre of wheelbase	m2(mm)	62	55
	aise width	Ast(mm)	1200	1670
	turning radius	Wa(mm)	1350	1235
performance	travel speed ,laden/laden	Km/h	7.5/9.5	sep-14
	max.gradeability,laden/unladen	%	04-oct	04-dic
	brake		electromagnetic	electromagnetic
motor	voltage	kW	2.5	4
	cap[acity	V/Ah	24/280	24/560
	battery weight	Kg	320	559
	battery size	mm	658x250x575	780X335X625
others	soundlevel at the driver's s ear according to DIN12053	dB(A)	70	70