

Specifications		Unit	YB16-S2	YB20-S2
Characteristics	Power	—	Battery	Battery
	Operator type	—	Seated	Seated
	Rated capacity	Q(kg)	1600	2000
	Centre of load	c (mm)	600	600
	Front overhang	x (mm)	355	378
	Wheelbase	y (mm)	1450	1570
Weight	Curb weight (battery included)	kg	3005	3332
	Axle loading (none load) driving/bearing	kg	1392/1613	1580/1752
	Axle loading (full load&mast extended) driving/bearing	kg	710/3895	783/1629
	Axle loading (full load&mast retracted) driving/bearing	kg	1622/2983	1942/3390
Wheels	Tire driving/bearing	—	PU/PU	PU/PU
	Driving tire size	mm	φ310×120	φ343X140
	Bearing tire size	mm	φ285×108	φ350×108
	Auxiliary tire size	mm	—	—
	Wheel No. driving/bearing (x=driven)	—	1x/2	1x/2
	Track width, drive wheel	b10 (mm)	—	—
	Track width, load wheel	b11 (mm)	1186	1186
	Fork carriage tilt angle,forward/backward	°	2/4	2/4
	Height of mast,lowered	h1 (mm)	2190	2190
	Free lifting height	h2 (mm)	1285	1285
	Lifting height	h3 (mm)	4500	4500
	Height of mast,extended	h4 (mm)	5510	5510
	Height of overhead guard(cab)	h6 (mm)	2180	2180
	Height of reach legs	h8 (mm)	306	378
	Overall length	L1 (mm)	2435	2642
	Length to fork face	L2 (mm)	1365	1422
	Overall width	b1/b2 (mm)	1270/1294	1270/1294
	Fork dimensions	s/e/l (mm)	35*100*1.70	40*122*1220

Dimensions	Fork carriage installation Level DIN 15173	—	2A	2A
	Fork outer width,minumum/maximum	b5 (mm)	244/750	244/750
	Width between reach legs	b4 (mm)	920	920
	Reach travel	L4 (mm)	530	585
	Ground clearance,mast	m1 (mm)	80	80
	Ground clearance,centre of wheelbase	m2 (mm)	90	90
	Aisle width,pallet 1000×1000 pallet crossways	Ast1 (mm)	2594	2668
	Aisle width,pallet 800×1200 pallet lengthways	Ast2 (mm)	2793	2867
	Outer turning radius	Wa (mm)	1751	1825
Perf	Travel speed, laden/ unladen	km/h	9/9.5	9/9.5
	Lifting speed, laden/ unladen	mm/s	260/360	260/360
	Lowering speed, laden/ unladen	mm/s	500/400	500/400
	Forward speed laden/ unladen	mm/s	100	100
	Maximum gradeability, laden/ unladen	%	oct-15	oct-15
	Accelerating time laden/ unladen	s	5.8/5	5.8/5
Power	Drive motor	kw	5	6.4
	Lift motor	kw	8.2	11
	Steer motor	kw	0.6	0.6
	Battery voltage/capacity (5h)	V/Ah	48	48
	Battery weight	kg	633	786
Others	Type of drive control	—	MOSFET	MOSFET
	Working pressure	bar	165	180
	Steering angle	°	180	180