

Specifications		Unit	YB20--S1	YB20-SA2
Characteristics	Power	—	Battery	Battery
	Operator type	—	Seated	Seated
	Rated capacity	Q(kg)	2000	2000
	Centre of load	c (mm)	600	600
	Front overhang	x (mm)	380	——
	Wheelbase	y (mm)	1510	1594
Weight	Curb weight (battery included)	kg	3340	3875
	Axle loading (none load) driving/bearing	kg	2155/797	——
	Axle loading (full load&mast extended) driving/bearing	kg	4438/514	——
	Axle loading (full load&mast retracted) driving/bearing	kg	3421/1531	——
Wheels	Tire driving/bearing	—	PU/PU	PU/PU
	Driving tire size	mm	φ343×140	φ343×140
	Bearing tire size	mm	φ350×108	φ310×118
	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)	1154	1148
	Fork carriage tile angle,forward/backward	°	2/4 *	2/4
	Height of mast,lowered	h1 (mm)	2105 *	3390 *
	Free lifting height	h2 (mm)	1205 *	2325*

Dimensions	Lifting height	h3 (mm)	4500 *	8000*
	Height of mast,extended	h4 (mm)	5430 *	9065*
	Height of overhead guard(cab)	h6 (mm)	2180	2210
	Height of reach legs	h8 (mm)	378	330
	Overall length	L1 (mm)	2565	2573
	Length to fork face	L2 (mm)	1345	1503
	Overall width	b1/b2 (mm)	1270/1290	1260/1270
	Fork dimensions	s/e/l (mm)	40*122*1220	10*120*1070
	Fork carriage installation Level DIN 15173	—	2A	2A
	Fork outer width,minumum/maximum	b5 (mm)	244/750	240/740
	Width between reach legs	b4 (mm)	920	915
	Reach travel	L4 (mm)	600	555
	Ground clearance,mast	m1 (mm)	80	70
	Ground clearance,centre of wheelbase	m2 (mm)	90	70
	Aisle width,pallet 1000×1000 pallet crossways	Ast1 (mm)	2775	2934
	Aisle width,pallet 800×1200 pallet lengthways	Ast2 (mm)	2830	3037
	Outer turning radius	Wa (mm)	1725	1840
	Travel speed, laden/ unladen	km/h	9.5/10.5	9.5/10.5
	Lifting speed, laden/ unladen	mm/s	260/360	280/420

Perf	Lowering speed, laden/ unladen	mm/s	500/400	300/330
	Forward speed laden/ unladen	mm/s	100/100	90/90
	Maximum gradeability, laden/ unladen	%	oct-15	oct-15
	Accelerating time laden/ unladen	s	5.8/5	5.8/5
Power	Drive motor	kw	6.4 (AC)	6.4 (AC)
	Lift motor	kw	11.5 (AC)	13 (AC)
	Steer motor	kw	0.6	0.6
	Battery voltage/capacity (5h)	V/Ah	48/500	48/600
	Battery weight	kg	894	925
Others	Type of drive control	—	MOSFET	MOSFET
	Working pressure	bar	165	165
	Steering angle	°	180	180