

Specifications		Unit	YB16-R1
Characteristics	Power	—	Battery
	Operator type	—	Stand
	Rated capacity	Q(kg)	1600
	Centre of load	c (mm)	500
	Front overhang	x (mm)	405
	Wheelbase	y (mm)	1380
Weight	Curb weight (battery included)	kg	2522
	Axle loading (none load) driving/bearing	kg	1691/831
	Axle loading (full load&mast extended) driving/bearing	kg	572/3550
	Axle loading (full load&mast retracted) driving/bearing	kg	1580/2542
Wheels	Tire driving/bearing	—	PU/PU
	Driving tire size	mm	φ343*140
	Bearing tire size	mm	φ254*100
	Auxiliary tire size	mm	φ178*76
	Wheel No. driving/bearing (x=driven)	—	1x/2+2
	Track width, drive wheel	b10 (mm)	575
	Track width, load wheel	b11 (mm)	985
	Fork carriage tile angle,forward/backward	°	2/4 *
	Height of mast,lowered	h1 (mm)	2035 *
	Free lifting height	h2 (mm)	100 *
	Lifting height	h3 (mm)	3000 *

Dimensions	Height of mast,extended	h4 (mm)	3930 *
	Height of overhead guard(cab)	h6 (mm)	2250
	Height of reach legs	h8 (mm)	290
	Overall length	L1 (mm)	2149
	Length to fork face	L2 (mm)	1229
	Overall width	b1/b2 (mm)	1090
	Fork dimensions	s/e/l (mm)	40*100*920
	Fork carriage installation Level DIN 15173	—	2A
	Fork outer width,minumum/maximum	b5 (mm)	200-680
	Width between reach legs	b4 (mm)	750
	Reach travel	L4 (mm)	580
	Ground clearance,mast	m1 (mm)	80
	Ground clearance,centre of wheelbase	m2 (mm)	90
	Aisle width,pallet 1000×1000 pallet crossways	Ast1 (mm)	2454
	Aisle width,pallet 800×1200 pallet lengthways	Ast2 (mm)	2654
	Outer turning radius	Wa (mm)	1668
	Travel speed, laden/ unladen	km/h	9.5/10
	Lifting speed, laden/ unladen	mm/s	260/360

Perf	Lowering speed, laden/ unladen	mm/s	370
	Forward speed laden/ unladen	mm/s	100
	Maximum gradeability, laden/ unladen	%	ago-15
	Accelerating time laden/ unladen	s	5.5/5.0
Power	Drive motor	kw	6.4 (AC)
	Lift motor	kw	8.2 (AC)
	Steer motor	kw	0.6
	Battery voltage/capacity (5h)	V/Ah	48/360
	Battery weight	kg	623
Others	Type of drive control	—	MOSFET
	Working pressure	bar	165
	Steering angle	°	180