

ZOOMLION
NORTH AMERICA

YB 16R

Narrow Aisle Reach Truck

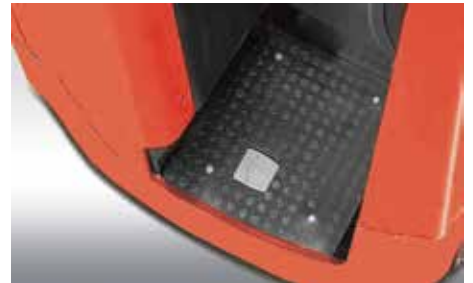
PRODUCT CHARACTERISTICS



The four-point body structure ensures a low center of gravity and excellent stability in narrow aisles.



The control handle manages travel speed, lifting speed, lateral movement, fork extension and tilt.



A standard safety pedal enhances driver safety during operations in narrow spaces.



The streamlined appearance without sharp edges reduces the likelihood of damage during operation, and optional installation of acrylic glass protection enhances safety for the operator and mast.



The pedal, in conjunction with the steering wheel angle and wheel position display, provides a comfortable and precise control experience.



During operation, the driver is completely within the protective range of the vehicle, ensuring overall protection.

Machine Parameters

Distinguishing mark		YB16R
Power	-	Electric
Operator type	-	Stand
Rated capacity	Q(lb)	3527
Load centre distance	c(ln)	24
Load distance, centre of drive axle to fork	x(ln)	10.8
Wheelbase	y(ln)	63
Weight		
Service Weight, with Battery	lb	-
Axle loading, unladen front/rear	lb	-
Tyres, chassis		
Tyres	-	Polyurethane
Wheels size, load	ln	Φ5×3.9
Wheels size, drive	ln	Φ13.5×5.5
Wheels size, caster	ln	Φ7.9×2.2
Dimensions		
Tilt of mast/fork carriage forward/backward	α/β (°)	3/4
Height, mast lowered	h1(ln)	149.2
Free lift	h2(ln)	128.3
Lift	h3(ln)	340.9
Height, mast extended	h4(ln)	381.7
Height of overhead guard	h6(ln)	94.3
Stand height	h7(ln)	9.4
Height of wheel arms	h8(ln)	5.1
Overall length	l1(ln)	-
Length to face of forks	l2(ln)	142.7
Overall width	b1(ln)	42.1
Fork dimensions, Std.	s/e/l(ln)	1.6/4.8/42.1
Fork dimensions, Opt.	s/e/l(ln)	1.6/4.8/L, L >59.1
Fork-carriage width	b3(ln)	37.1
Distance between fork-arms	b5(ln)	7.9-29.9
Distance between wheel arms/loading surfaces	b4(ln)	34-50
Ground clearance	m2(ln)	1.8
Turning radius	Wa(ln)	79.7
Aisle width for pallets1000X1200	Ast(ln)	118.5
Aisle width for pallets800X1200	Ast(ln)	110.8
Performance Data		
Travel speed, laden/unladen	mph	6.09/7.46
Lift speed, laden/unladen	ln/s	12.3/19.5
Lowering speed, laden/unladen	ln/s	21/4.1
Gradeability, laden/unladen	%	10/12
Parking brake	-	Hydraulic pressure
Electric-engine		
Drive motor rating S2 60 min	kw	6.4
Lift motor rating at S3 15%	kw	13
Battery type	-	Lead acid battery
Battery(Voltage/Capacity)	V/Ah	36/770
Battery weight	lb	1973
Controller type	-	AC
Sound level at the driver's ear acc. to DIN 12053	dB(A)	75

Machine 2D Graph

