

ZOOMLION
NORTH AMERICA

TB 16H

Electric Pallet Truck



High efficiency



High performance
battery



Reliable design



**2022 Red Dot
Winner**

PRODUCT CHARACTERISTICS



Curtis Controller

US Curtis controller for reliability and long lifetime



Battery

24V/85Ah maintenance-free battery,
6 hours continuous operation at full
load



Built-in Charger

Built-in charger makes operation
more flexible and charging more
convenient



Floating Balance Wheels

With floating balance wheels, it is easier to
cross obstacles, the whole vehicle is more
stable, less wear and tear, low noise



Tiller

The multi-function display with password
provides information about operating
hours, battery status and service information



Automatic Battery Protection

The ergonomic emergency stop button is
more reliable. Long battery life thanks to
automatic battery protection

Machine Parameters

TB16H

Distinguishing mark	Manufacturer's type designation		TB16H
	Drive		Drive Electric
	Operator type		Pedestrian
	Load Capacity / rated load	Q (lb)	3527
	Load centre distance	c(Ft)	19.7
	Load distance ,centre of drive axle to fork	x(Ft)	3.31
	Wheelbase	y(Ft)	4.52
Weight	Service weight	lb	412
	Axle loading, laden front/rear	lb	1098/2837
	Axle loading, unladen front/rear	lb	309/99
Tyres, chassis	Tires		Polyurethane (PU)
	Tire size, front	Øxw(Ft)	0.69*0.23
	Tire size, rear	Øxw(Ft)	0.26*0.23
	Wheels, number front/rear(x=driven wheels)		1x+2/4
	Tread, front	b10(Ft)	1.15
	Tread, rear	b11(Ft)	1.72
Dimensions	Lift	h3(Ft)	0.38
	Height of tiller in drive position min./ max.	h14(Ft)	2.62/3.84
	Height, lowered	h13(Ft)	0.28
	Overall length	l(Ft)	5.69
	Length to face of forks	l2(Ft)	1.73
	Overall width	(Ft)	2.31
	Fork dimensions	s/e/l(Ft)	0.17/0.52/4
	Distance between fork- arms	b5(Ft)	2.25
	Ground clearance, centre of wheelbase	m2(Ft)	0.1
	Aisle width for pallets 800X1200 lengthways	Ast(Ft)	6.4
	Turning radius	Wa(Ft)	5.05
Performance data	Travel speed, laden/ unladen	km/h	4.0/4.2
	Lift speed, laden/ unladen	Ft/s	0.1/0.17
	Lowering speed, laden/ unladen	Ft/s	0.16/0.12
	Max. gradeability, laden/ unladen	%	4/10
	Service brake		Electromagnetic
Electric- engine	Drive motor rating S2 60min	KW	0.75
	Lift motor rating at S3 10%	KW	0.8
	Battery acc. to DIN 43531/ 35/ 36 A, B, C, no		no
	Battery voltage, nominal capacity K5	V/Ah	2*12V/85 (Optional : 105)
	Battery weight	lb	110
	Energy consumption acc. to VDI cycle	kWh/h	0.39
Addition data	Type of drive control		DC- Speed Control
	Sound level at driver's ear acc. to EN 12053	db(A)	<70