

MO series

10,000 - 15,000lb

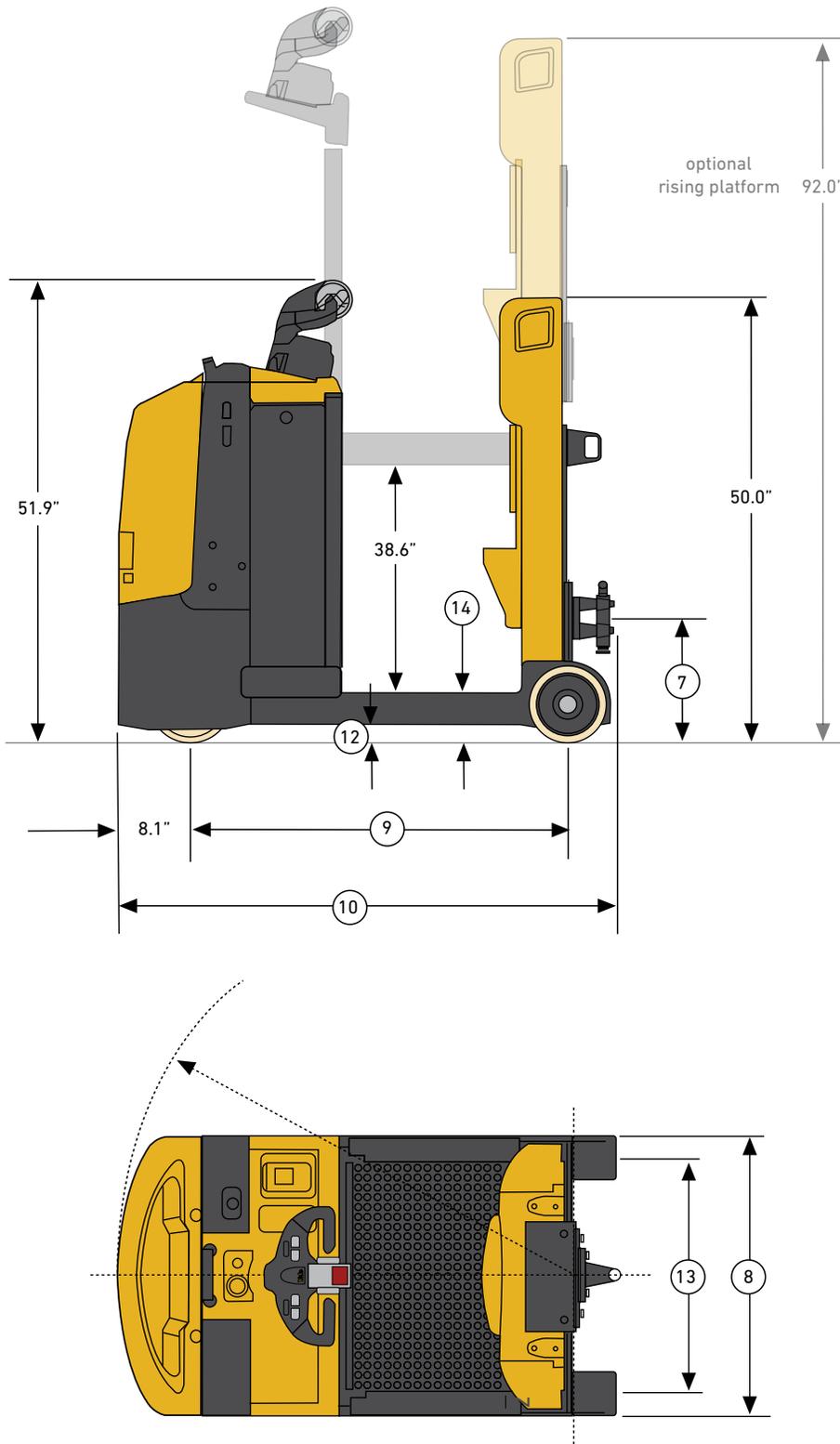
Tow Tractor



SPEC SHEET

Models: MO100T-150T

TRUCK DIMENSIONS MO100T-150T



Circled truck dimensions correspond to the line numbers in the General Specifications chart. Dimensions are listed in inches (millimeters).

GENERAL SPECIFICATIONS MO100T-150T

GENERAL				Yale	
1	Manufacturer			MO100T	MO150T
2	Model Designation			Battery	
3	Power			24	
4	Voltage			Stand	
5	Operation			10000	15000
6	Rated Capacity	lb (kg)			
DIMENSIONS					
7	Tow Pin Height	Vertical Center of Pin	in (mm)	14.3 (365)	
8	Overall Width		in (mm)	31.3	
9	Wheelbase		in (mm)	42.7 (1084)	
10	Overall Length		in (mm)	56.3 (1429)	
11	Outside Turning Radius		in (mm)	50.7 (1289)	
12	Ground Clearance	Center of Wheelbase	in (mm)	2 (50)	
13	Tread Width		in (mm)	14.8 (376)	
14	Step Height		in (mm)	6 (152)	
15	Battery Compartment	Height	Std / Battery	31.2 x 14.1 x 32 (792 x 357 x 814)	
16	Floor to Top of Battery Rollers	Side Extraction	in (mm)	5.6 (141)	
PERFORMANCE					
17	Travel Speed	NL/RL	mph (km/h)	8.1 / 4.3 (13 / 7)	
18	Gradeability	5 Minute Reading	%	20 / 6	
	Maximum Gradeability	5 Minute Reading	%	20 / 10	
19	Drawbar Pull	5 Minute Reading	lbf (N)	225 (1000)	299 (1330)
	Drawbar Pull	60 Minute Reading	lbf (N)	719 (3200)	1011 (4500)
20	Brake	Service / Parking		Electromagnetic	
WEIGHT					
21	Truck Weight	w/o Battery	NL	2244.3 (1018)	2455 (1114)
22	Axle Loading	Drive / Load Wheel	lb (kg)	1539 / 957 (698 / 434)	1765 / 941 (801 / 427)
WHEELS & TIRES					
23	Tire Type	Drive / Steer		Tophane / Polyurethane	
24	Tire Size	Drive / Steer	in	10 x 3.5 / 10 x 3.5	
25	Wheels - Number	Drive / Steer		1X / 2	
ELECTRIC					
26	Battery	Type		Lead Acid	
27	Traction Motor	60 Minute Rating	hp (kW)	3.5 (2.6)	4.0 (3.0)
28	Traction Motor		Type / Control Method	AC / Mosfet	
29	Number of Speeds			Infinitely Variable	

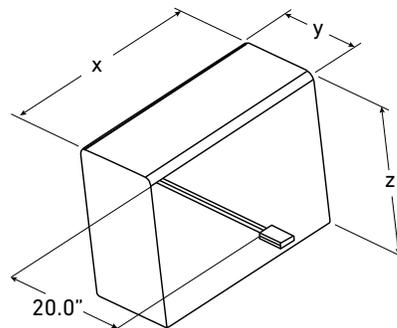
BATTERY AND COMPARTMENT SPECIFICATIONS MO100T-150T

Battery Type	Compartment Dimensions			Battery Dimensions			No. of Cells	Cell Size	Plates Per Cell	Capacity
	Width	Length	Height	"X"	"Y"	"Z"				6 Hour Rate
	in (mm)									amp hr (kwh)
Industrial	31.2 (792.0)	14.1 (357.0)	32.0 (814.0)	26.1 (663)	12.8 (325)	23.3 (592)	12	85	11	425 (9.9)
				30.9 (785)	13.0 (330)	23.3 (592)	12	85	13	510 (11.9)
				30.9 (785)	13.0 (330)	26.2 (665)	12	100	13	600 (14.0)

Battery Connector: 175 Amp, Red

Battery Lead: Length 20" (508 mm), Position "B", 1/0 AWG

Battery Weight: Min. (372 kg) 820 lbs and Max. (537 kg) 1184 lbs.



About Yale®



Yale Materials Handling Corporation is one of the oldest manufacturers of lift trucks in the world. We've been in the business of lifting since 1875 and we apply that experience to help customers solve materials handling challenges. Our full line of lift trucks range in capacity from 2,000 to 36,000 pounds and are powered by internal combustion engines or electric options. Yale also offers robotic solutions, telemetry, fleet management, parts, financing and training. From traditional lift truck equipment to emerging technologies, our goal, every day, is to work with our nationwide dealer network to continually improve and provide the solutions you need, when and how you need them.

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Trucks may be shown with optional equipment. Truck performance may be affected by the condition of the vehicle, how it is equipped and the application. Specifications are subject to change without notice. Consult your Yale® Dealer if any of the information shown is critical to your application.

CERTIFICATION: Yale lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Classified by Underwriters' Laboratories, Inc.