



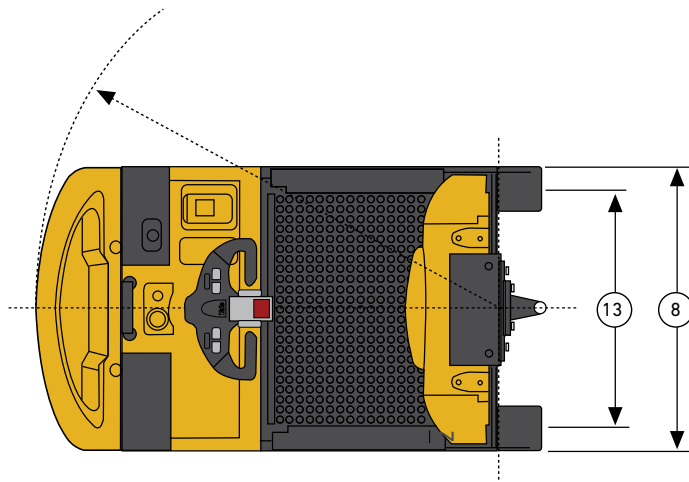
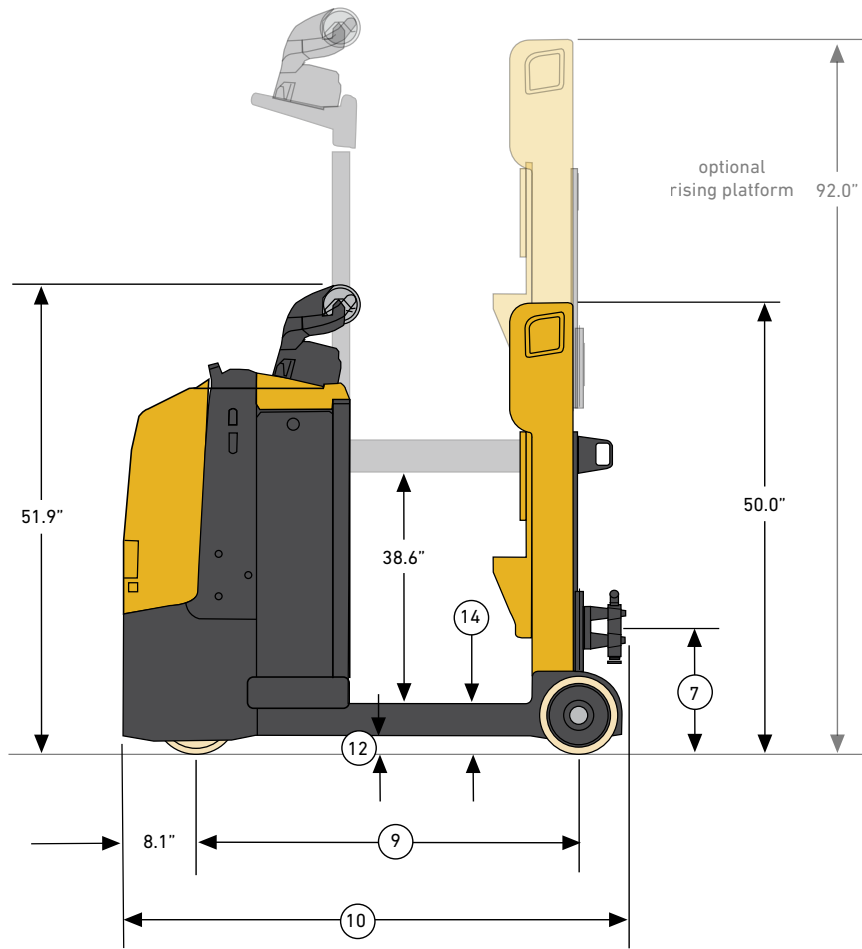
MO 100-150T

SPEC SHEET

Premium stand-up
tow tractor

10,000-15,000 lbs.

TRUCK DIMENSIONS - M0100-150T



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

GENERAL SPECIFICATIONS - M0100T

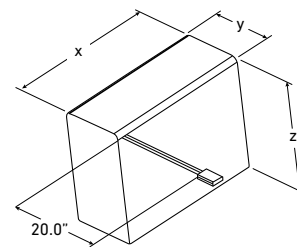
GENERAL	1	Manufacturer			Yale	
	2	Model designation			M0100T	
	3	Power			Battery	
	4	Voltage			24	
	5	Operation			Stand	
	6	Rated capacity	lb. (kg)		10000	
DIMENSIONS	7	Tow pin height	Vertical center of pin	in. (mm)	14.3 (365)	
	8	Overall width			in. (mm)	31.3
	9	Wheelbase			in. (mm)	42.7 (1084)
	10	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	in. (mm)	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)
				60 Minute reading	lbf (N)	719 (3200)
20	Brake		Service / parking		Electromagnetic	
WT.	21	Truck weight	w/o battery	NL	lb. (kg)	2244.3 (1018)
	22	Axle loading		Drive / load wheel	lb. (kg)	1539 / 957 (698 / 434)
WHLs & TIRES	23	Tire type		Drive / steer		Tophane / polyurethane
	24	Tire size	Std	Drive / steer	in.	10 x 3.5 / 10 x 3.5
	25	Wheels - number	X=driven	Drive / steer		1X / 2
ELECTRIC	26	Battery	Type		Lead acid Thin Plate Pure Lead* Lithium-ion*	
	27	Traction motor	60 Minute rating		hp (kW)	3.5 (2.6)
	28	Traction motor		Type / control method		AC / mosfet
	29	Number of speeds			Infinitely variable	

Above specifications, unless otherwise listed, are for a standard truck without optional equipment.

NL = no load RL = rated load
*Optional with Yale Power Key

BATTERY AND COMPARTMENT SPECIFICATIONS - M0100T

Battery type	Compartment dimensions			Battery dimensions			No. of cells	Cell size	Plates per cell	Capacity 6 hour rate
	Width	Length	Height	"X"	"Y"	"Z"				amp hr (kwh)
	in. (mm)									
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.

GENERAL SPECIFICATIONS - M0150T

GENERAL	1	Manufacturer			Yale	
	2	Model designation			M0150T	
	3	Power			Battery	
	4	Voltage			24	
	5	Operation			Stand	
	6	Rated capacity	lb. (kg)		15000	
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	in. (mm)	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)	299 (1330)	
			60 Minute reading	lbf (N)	1011 (4500)	
20	Brake	Service / parking		Electromagnetic		
WT.	21	Truck weight	w/o battery	NL	lb. (kg)	2455 (1114)
	22	Axle loading		Drive / load wheel	lb. (kg)	1765 / 941 (801 / 427)
WHLs & TIRES	23	Tire type		Drive / steer	Tophane / polyurethane	
	24	Tire size	Std	Drive / steer	in.	10 x 3.5 / 10 x 3.5
	25	Wheels - number	X=driven	Drive / steer		1X / 2
ELECTRIC	26	Battery	Type		Lead acid Thin Plate Pure Lead* Lithium-ion*	
	27	Traction motor	60 minute rating	hp (kW)		4.0 (3.0)
	28	Traction motor	Type / control method		AC / mosfet	
	29	Number of speeds			Infinitely variable	

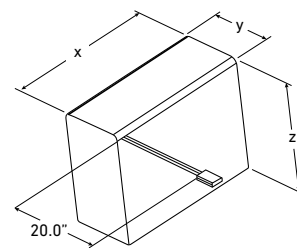
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Battery connector: 175 amp. red

Battery lead: length 20" (508 mm), position "B", 1/0 AWG

Battery weight: min. (372 kg) 820 lbs and max. (537 kg) 1184 lbs.

FEATURES LIST - M0100-150T

PERFORMANCE	STD	OPT
7mph Maximum travel speed (unladen)	●	
Foot-controlled rising platform		●
Coasting function		●
DRIVE	STD	OPT
Drive wheel M0100T		
- 10" x 3.5" NDIlthane	●	
- 10" x 3.5" NDIlthane Conductive		●
- 10" x 3.5" Tophane		●
Drive wheel M0150T		
- 10" x 3.5" NDIlthane		●
- 10" x 3.5" Tophane	●	
Drive wheel - 10" x 3.5" NDIlthane antistatic		●
8" x 4" Tandem NDIlthane load wheels	●	
HANDLING	STD	OPT
Auto speed reduction on cornering	●	
ERGONOMICS	STD	OPT
Handle above operator backrest	●	
Scooter steer control	●	
Knee pad		●
Scooter steer control on lifting platform		●
Scooter control on lifting platform with platform control		●
OPERATION	STD	OPT
31.18"x14.05"x32.04" (792x357x814mm) Battery compartment (for 620 Ah DIN battery)	●	
Battery removal without rollers - lift out	●	
Key switch start	●	
Standard display	●	
Fixed operator platform	●	
Without battery	●	
Without charger	●	
Multipurpose plate for coupling unit	●	
Hook on multipurpose plate for coupling unit		●
Removable hook on multipurpose plate for coupling unit		●
Side battery extraction - both sides		●
Side battery extraction - left side		●
Side battery extraction - right side		●
Operator password start interlock		●
Multifunctional display		●
Clip board		●
Multipurpose bar above motor cover		●
Stretch film roll holder		●
Trash bin in operator back rest		●
Raising operator platform h12 = 980 mm (38.6")		●
Raising operator platform h12 = 980 mm (38.6") with side arms		●
Low mounted bumper (rubber bumper)		●

OPERATION CONTINUED	STD	OPT
Mid mounted bumper (bull bar)		●
Yale Reliant™		●
Yale Vision wireless access HID Prox card reader		●
Yale Vision wireless access iClass MiFare prox card reader		●
Yale Vision Wireless access ISO Prox card reader		●
Yale Vision wireless monitoring - cell		●
Yale Vision wireless monitoring - Wifi		●
Yale Vision wireless verification		●
Audible alarm - reverse direction activated - self-adjusting 82-102 dB(A)		●
DC to DC converter - primary - for factory installed options - 25 amps/300 watts @ 12 volts		●
Less charger (wired plug included)		●
Battery cable extension 59" (1500mm)		●
Twin battery change station		●
Regenerative braking	●	
AC traction motor	●	
Brushless DC steer motor	●	
Dual-technology MOSFET combi controller	●	
Impact-resistant motor compartment cover	●	
Sealed combi controller (IP65 rating)	●	
Hall-effect sensors and switches (no wear, no adjustment)	●	
CANbus communication system	●	
1000 hours service intervals	●	
Electromagnetic braking	●	
Integrated system controls	●	
Stationary mounted traction motor	●	
Automotive-style sealed electrical connectors	●	
CONSTRUCTION	STD	OPT
Standard construction	●	
Cold storage construction (-22° F)		●
ENERGY SYSTEM	STD	OPT
24 Volt electrical system	●	
Lead acid	●	
Yale Power Key		●
SUPPLEMENTAL	STD	OPT
12 Months / unlimited hour manufacturer's warranty		
36 Months / 6,000 hour powertrain warranty	●	
60 Months / 10,000 hour frame warranty		
Multiple extended protection coverage plans (please refer to the full extended warranty statements for additional details)		●
English literature pack and labels	●	
French literature pack and labels		●
Spanish literature pack and labels		●

About Yale



Yale Lift Truck Technologies leverages over a century of material handling experience and substantial investment in innovation to bring the most advanced technology-driven lift truck solutions to market. The company offers a full line of award-winning lift trucks, including reach trucks, order pickers, turret trucks, pallet jacks and trucks, pallet stackers, tow tractors and counterbalanced forklifts, as well as powerful operator assist solutions, proven robotics and a wide range of power sources to help customers adapt to today's demanding supply chain. Yale and its independent dealer network support these solutions with comprehensive after-sales service, parts, financing and training.

MATERIALS HANDLING FOR:

Third-party logistics (3PL)

Auto parts distribution

Beverage

Cold & frozen foods

Food distribution

Food processing

Furniture & furnishings

Government

Health & pharma

Home centers & durables


Retail & e-commerce

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Trucks may be shown with optional equipment and/or features not available in all regions. 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 B56.9 revision in effect at time of manufacture. Classified by Underwriters' Laboratories, Inc.