

L0150TR



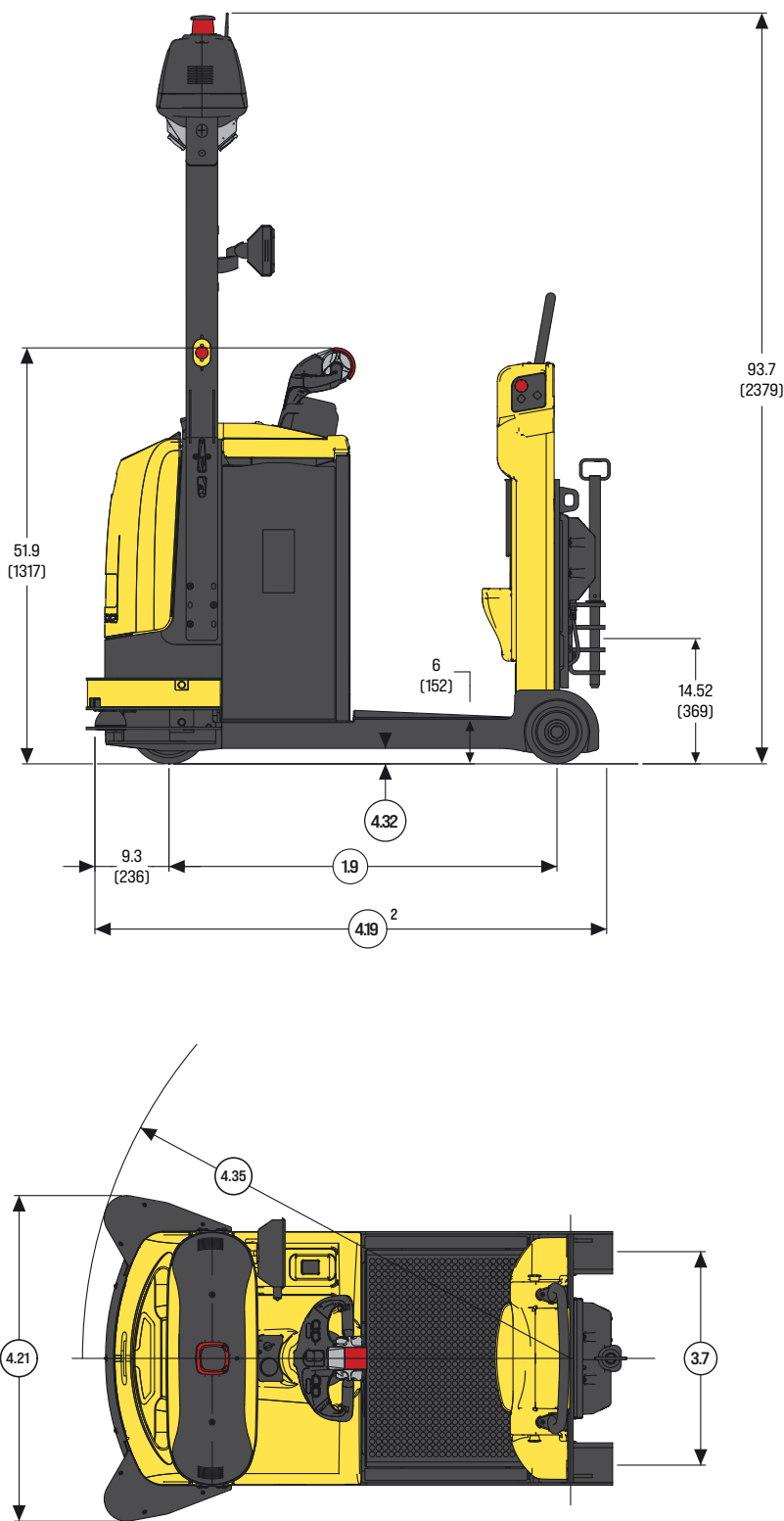
HYSTER ATLAS™ AUTOMATED TOW TRACTOR

PRODUCT TECHNICAL GUIDE



WWW.HYSTER.COM

AUTOMATED TOW TRACTOR



Circled dimensions correspond to the line numbers on the tabulated chart inside the technical guide.
Dimensions are in inches (millimeters).
* Overall length varies based on hitch style

1.1	Manufacturer		Hyster
1.2	Model designation		L0150TR
1.3	Power		Battery
1.4	Operation		Tow Tractor
1.5	Load capacity	lb (kg)	15000 (6800)
1.9	Wheelbase	in (mm)	48.4 (1229)
2.1	Service weight	lb (kg)	2895 (1313)
3.7	Track width, rear	in (mm)	27 (686)
4.12	Coupling height ¹	in (mm)	15 (370)
4.19	Overall length ²	in (mm)	64 (1617)
4.21	Overall width	in (mm)	42.7 (1085)
4.35	Turning radius ³	in (mm)	60 (1524)
5.5	Max travel speed	mph (m/s)	4.5 (2)
5.8	Max. gradeability, with/without load	%	3.0 / 20.0

¹ Coupling height depends on style hitch used and is adjustable

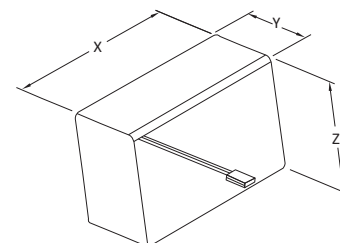
² Overall length varies based on hitch style

³ The turning radius of the automated tugger changes when a cart is attached. The exact turning radius depends on the width and type of the cart being used.

Refer to L0150T (base truck) technical guide for more details

BATTERY & COMPARTMENT SPECIFICATIONS

Battery type	Battery compartment dimensions			Battery dimensions			Auto charge	Capacity
	Width	Length	Height	"X"	"Y"	"Z"		6 hour rate
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)		amp hr (kwh)
Lithium-ion	31.2 (792.0)	14.1 (357.0)	32.0 (814.0)	30.75 (781.1)	12.88 (327.2)	24.01 (609.9)	yes	525 (13.44)
Lead acid	31.2 (792.0)	14.1 (357.0)	32.0 (814.0)	30.56 (776.22)	12.75 (323.85)	26.25 (666.75)	no	600 (14.4)



CERTIFICATION:

Hyster Atlas™ automated 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.

Hyster Atlas™ automated lift trucks meet the design and construction requirements of B56.5-2012, and also comply with the B56.5 revisions in effect at the time of manufacture.

Hyster Atlas™ automated lift trucks meet the design and construction requirements of ISO 3691-4:2020 (including ISO 3691-1:2015+A1:2020).

AVAILABLE OPTIONS


PERFORMANCE	STD	OPT
Coasting function forward / reverse	X	
Auto speed reduction on cornering	X	
DRIVE	STD	OPT
Drive wheel - 10" x 3.5" NDIIthane ¹	X	
8" x 4" NDIIthane load wheels ¹	X	
HANDLING	STD	OPT
Multipurpose plate for coupling unit	X	
Auto hitch / unhitch		X
Hook on multipurpose plate for coupling unit		X
Removable hook on multipurpose plate for coupling unit		X
ERGONOMICS	STD	OPT
Handle above operator backrest	X	
Scooter control	X	
OPERATION	STD	OPT
31.18 x 14.05 x 32.04" (792 x 357 x 814 mm) battery compartment (for 620 Ah DIN battery)	X	
Key switch start	X	
Multifunctional display	X	
Operator platform fixed	X	
Auto charge		X
Side battery extraction - both sides		X
Side battery extraction - left side		X
Side battery extraction - right side		X
Regenerative braking	X	
AC traction motor	X	
Brushless DC steer motor	X	
Dual-technology MOSFET combi controller	X	
Impact-resistant motor compartment cover	X	
Sealed combi controller (IP65 rating)	X	
Hall-effect sensors and switches (no wear, no adjustment)	X	
CANbus communication system	X	
1000 hours service intervals	X	
Electromagnetic braking	X	
Integrated system controls	X	
Stationary mounted traction motor	X	
Automotive-style sealed electrical connectors	X	

¹ Other tire materials are available depending on application needs

SUPPLEMENTAL	STD	OPT
18 months/unlimited hours full truck warranty, 42 months/6,000 hours robotics system warranty; see full Warranty Statement for additional details.	X	
English literature pack and labels	X	
Extended Protection Plan: 60 months/10,000 hours standard powertrain part B component coverage pays parts and labor only. Waives the deductible. Standard warranty exclusions and limitations remain unchanged.		X
Extended Protection Plan: 36 months/6,000 hours standard comprehensive part A component coverage pays parts and labor only. Waives the deductible. Standard warranty exclusions and limitations remain unchanged.		X
Extended Protection Plan 3 years/6,000 hours comprehensive part A plus 5 years/10000 hours powertrain part B. Pays parts & labor. No deductible. Standard warranty exclusions and limitations remain unchanged.		X
Extended Protection Plan: 60 months/10,000 hours standard comprehensive part A component coverage pays parts and labor only. Waives the Deductible; Standard warranty exclusions and limitations remain unchanged.		X
CONSTRUCTION	STD	OPT
Standard construction	X	
VISIBILITY	STD	OPT
Blue LED spot light	X	
Red line pedestrian awareness light		X
ENERGY SYSTEM	STD	OPT
24-volt electrical system	X	
Lead acid	X	
Power Collect™		X



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