

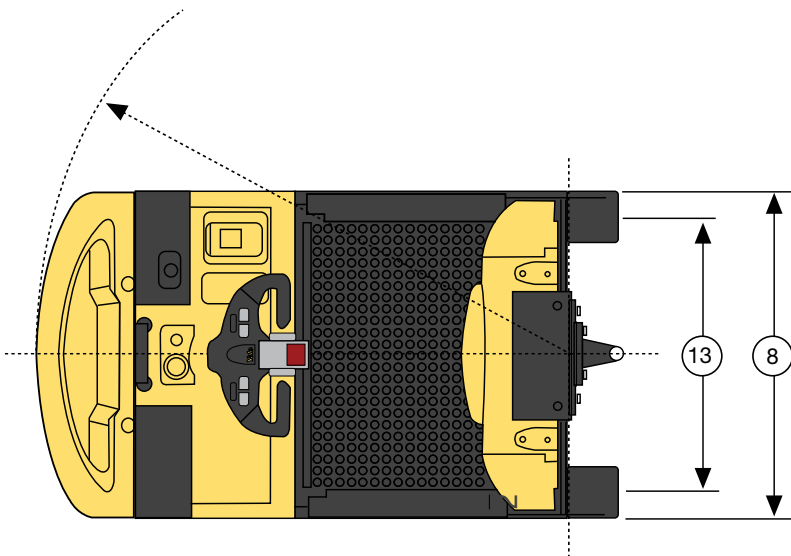
LO 100-150T SERIES



TOW TRACTOR PRODUCT TECHNICAL GUIDE



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LO100-150T SPECIFICATIONS

GENERAL	1	Manufacturer			Hyster	
	2	Model designation			LO100	LO150
	3	Power			Battery	
	4	Voltage			24	
	5	Operation			Stand	
	6	Rated capacity			10000	15000
DIMENSIONS	7	Tow pin height	Vertical center of pin	in (mm)	14.3 (365)	
	8	Overall width			31.3	
	9	Wheelbase			42.7 (1084)	
	10	Overall length			56.3 (1429)	
	11	Outside turning radius			50.7 (1289)	
	12	Ground clearance	Center of wheelbase	in (mm)	2 (50)	
	13	Tread width			14.8 (376)	
	14	Step height			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	5.6 (141)
PERFORMANCE	17	Travel speed			NL/RL	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	225 (1000) 299 (1330)
		Drawbar pull			60 minute reading	719 (3200) 1011 (4500)
	20	Brake			Service/parking	Electromagnetic
WEIGHT	21	Truck weight	w/o battery	NL	lb (kg)	2244.3 (1018) 2455 (1114)
	22	Axle loading		Drive/load wheel	lb (kg)	1539/957 (698/434) 1765/941 (801/427)
	23	Battery weight		Min/max	lb (kg)	820 (372)/1184 (537) 820 (372)/1184 (537)
WHEEL & TIRES	24	Tire type			Drive/steer	Tophane/Polyurethane
	25	Tire size	Std	Drive/steer	in	10 x 3.5/10 x 3.5
	26	Wheels - number	X=Driven	Drive/steer		1x/2
ELECTRIC	27	Battery	Type			Lead acid Thin Plate Pure Lead* Lithium-ion*
	28	Traction motor	60 minute rating		hp (kW)	3.5 (2.6) 4.0 (3.0)
	29	Traction motor			Type/control method	AC/Mosfet
	30	Number of speeds				Infinitely variable

* Optional with Hyster Power Collect™

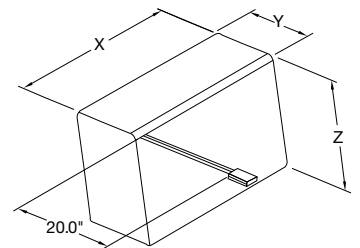
Above specifications, unless otherwise listed, are for a standard truck without optional equipment.

BATTERY & COMPARTMENT SPECIFICATIONS

Battery type	Battery compartment dimensions			Battery dimensions			Number of cells	Cell size	Plates per cell	Capacity 6 hour rate
	Width	Length	Height	"X"	"Y"	"Z"				amp hr (kwh)
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	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)
				30.9 (785)	13.0 (330)	30.8 (782)	12	100	13	600 (14.0)

Battery connector: 175 amp, red.

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



CERTIFICATION: Hyster 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.

NOTE: Performance specifications/ratings are for truck equipped as described under standard equipment in this technical guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature and condition of the operating area. Specifications are subject to change and the proposed application should be discussed with your authorized Hyster Company Dealer.


LO100-150T FEATURES AND OPTIONS

PERFORMANCE	STD	OPT
7 mph maximum travel speed (unladen)	x	
Foot-controlled rising platform		x
Coasting function		x
DRIVE	STD	OPT
Drive wheel LO100T		
- 10" x 3.5" NDIIthane	x	
- 10" x 3.5" NDIIthane Conductive		x
- 10" x 3.5" Tophane		x
Drive wheel LO150T		
- 10" x 3.5" NDIIthane		x
- 10" x 3.5" Tophane	x	
Drive wheel - 10" x 3.5" NDIIthane antistatic		x
8"x 4" Tandem NDIIthane load wheels	x	
HANDLING	STD	OPT
Auto speed reduction on cornering	x	
ERGONOMICS	STD	OPT
Handle above operator backrest	x	
Scooter steer control	x	
Knee pad		x
Scooter steer control on lifting platform		x
Scooter control on lifting platform with platform control		x
OPERATION	STD	OPT
31.18"x14.05"x32.04" (792x357x814 mm) battery compartment (for 620 Ah DIN battery)	x	
Battery removal without rollers - lift out	x	
Key switch start	x	
Standard display	x	
Fixed operator platform	x	
Without battery	x	
Without charger	x	
Multipurpose plate for coupling unit	x	
Hook on multipurpose plate for coupling unit		x
Removable hook on multipurpose plate for coupling unit		x
Side battery extraction - both sides		x
Side battery extraction - left side		x
Side battery extraction - right side		x
Operator password start interlock		x
Multifunctional display		x
Clip board		x
Multipurpose bar above motor cover		x
Stretch film roll holder		x
Trash bin in operator back rest		x
Raising operator platform h12 = 980 mm (38.6")		x
Raising operator platform h12 = 980 mm (38.6") with side arms		x
Low mounted bumper (rubber bumper)		x

OPERATION CONTINUED	STD	OPT
Mid mounted bumper (bull bar)		x
Hyster Reaction™		x
Hyster Tracker™ wireless access HID Prox card reader		x
Hyster Tracker™ wireless access iClass MiFare prox card reader		x
Hyster Tracker™ wireless access ISO Prox card reader		x
Hyster Tracker™ wireless monitoring - cell		x
Hyster Tracker™ wireless monitoring - Wifi		x
Hyster Tracker™ wireless verification		x
Audible alarm - reverse direction activated - self-adjusting 82-102 dB(A)		x
DC to DC converter - primary - for factory installed options - 25 amps/300 watts @ 12-volts		x
Less charger (wired plug included)		x
Battery cable extension 59" (1500 mm)		x
Twin battery change station		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	
CONSTRUCTION	STD	OPT
Standard construction	x	
Cold storage construction (-22° F)		x
ENERGY SYSTEM	STD	OPT
24-volt electrical system	x	
Lead acid	x	
Hyster Power Collect™		x
SUPPLEMENTAL	STD	OPT
12 months/unlimited hour manufacturer's warranty		
36 months/6,000 hour powertrain warranty	x	
60 months/10,000 hour frame warranty		
Multiple extended protection coverage plans (please refer to the full extended warranty statements for additional details)		x
English literature pack and labels	x	
French literature pack and labels		x
Spanish literature pack and labels		x



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Hyster products are subject to change without notice.
Trucks may be shown with optional equipment.