



STRONG PARTNERS. TOUGH TRUCKS.



Low Level Order Pickers

LO2.0, LO2.5
2 000-2 500 kg

Tow Tractor

LO5.0T
5000 kg

LO2.0, LO2.5, LO5.0T

CHARACTERISTICS	1.1	Manufacturer
	1.2	Model designation
	1.3	Power: battery, diesel, LPG, electric mains
	1.4	Operation; manual, pedestrian, stand, seat, orderpicker
	1.5	Load capacity Q (kg)
	1.6	Load centre c (mm)
	1.7	Rated drawbar pull F(N)
	1.8	Load distance, centre of drive axle to fork ♦ x (mm)
	1.9	Wheelbase y (mm)

WEIGHTS	2.1	Service weight ♦ kg
	2.2	Axle loading with load, front/rear ♦ kg
	2.3	Axle loading without load, front/rear ♦ kg

WHEELS & TYRES	3.1	Tyres: polyurethane, tophane, vulkollan, front/rear
	3.2	Tyre size, front ø (mm x mm)
	3.3	Tyre size, rear ø (mm x mm)
	3.4	Additional wheels (dimensions) ø (mm x mm)
	3.5	Number of wheels front/rear (x = driven)
	3.6	Track width, front b 10 (mm)
	3.7	Track width, rear ♦ b 11 (mm)

DIMENSIONS	4.2	Height, mast lowered h1 (mm)
	4.4	Lift height h3 (mm)
	4.5	Height, mast extended h4 (mm)
	4.8	Seat height/stand height h7 (mm)
	4.9	Height of tiller in drive position min./max h14 (mm)
	4.12	Coupling height h10 (mm)
	4.14	Stand height, elevated h12 (mm)
	4.15	Height, lowered h13 (mm)
	4.17	Overhang l5 (mm)
	4.19	Overall length l1 (mm)
	4.20	Length to face of forks l2 (mm)
	4.21	Overall width b1/b2 (mm)
	4.22	Fork dimensions s/e/l (mm)
	4.25	Distance between fork-arms ♦ b5 (mm)
	4.32	Ground clearance, center of wheelbase m2 (mm)
	4.34	Aisle width for pallets 800mm x 1200mm long † Ast (mm)
	4.35	Turning radius Wa (mm)

PERFORMANCE	5.1	Travel speed, with/without load km/h
	5.2.1	Lift speed, with/without load (Forks) m/s
	5.2.2	Lift speed, with/without load (Cab) m/s
	5.3.1	Lowering speed, with/without load (Forks) m/s
	5.3.2	Lowering speed, with/without load (Cab) m/s
	5.5	Drawbar pull, with/without load N
	5.6	Max drawbar pull, with/without load N
	5.7	Gradeability, with/without load %
	5.8	Max. gradeability, with/without load %
	5.10	Service brake

POWER UNIT	6.1	Drive motor, S2 60 min rating kW
	6.2	Lift motor S3 15% rating kW
	6.3	Battery according to DIN 43531/35/36 A,B,C, no
	6.4	Battery voltage / capacity at 5 hours rate V/Ah
	6.5	Battery weight (+/- 5%) kg
	6.6	Energy consumption acc. to VDI cycle kWh/h

OTHER	8.1	Drive control
	8.4	Average noise level at the operator's ear according to EN 12053 dB (A)

HYSTER	HYSTER	HYSTER
LO2.0	LO2.0	LO2.5
Battery	Battery	Battery
Orderpicker	Orderpicker	Orderpicker
2 000	2 000	2 500
1200	1200	1200
-	-	-
1335	1335	1790
2608	2608	3208

1050		1195		1165	
883	2167	955	2240	1370	2295
793	257	865	330	905	260

Vulkollan / Polyurethane		Vulkollan / Polyurethane		Vulkollan / Polyurethane	
254 x 90		254 x 90		254 x 90	
85 x 90		85 x 90		85 x 90	
150 x 79		150 x 79		150 x 79	
1x+1	4	1x+1	4	1x+1	4
437		437		437	
376		376		376	

1360		1360		1360	
120		120		120	
-		2340		-	
152		152		152	
1317		1317		1317	
-		-		-	
-		980		-	
85		85		85	
-		-		-	
3764		3764		3909	
1410		1410		1555	
796		796		796	
60	184	2356	60	184	2356
560		560		560	
25		25		25	
4008		4008		4153	
2813		2813		3413	

8,5	10,5 ♦	8,5	10,5 ♦	8,5	10,5 ♦
0.027	0.039	0.027	0.039	0.023	0.039
-	-	0.189	0.189	-	-
0.038	0.018	0.038	0.018	0.038	0.018
-	-	0.162	0.162	-	-
-	-	-	-	-	-
-	-	-	-	-	-
5	5	5	5	5	5
TBD		TBD		TBD	
Electromagnetic		Electromagnetic		Electromagnetic	

2.6		2.6		2.6	
1.2		2		1.2	
no		no		no	
24	465	24	465	24	620
366		366		480	
1,16		1,16		1,16	

AC ~ Mosfet		AC ~ Mosfet		AC ~ Mosfet	
< 68,5		< 68,5		< 68,5	

Specification data is based on VDI 2198

HYSTER		CHARACTERISTICS
L02.5	L05.0T	
Battery	Battery	
Orderpicker	Orderpicker	
2 500	5 000	
1200	-	
-	1000	
1790	-	
3208	1084 ■	

1310		1018 ■		WEIGHTS
1442	2368	-		
977	333	584	434	

Vulkollan / Polyurethane		Tophane / Polyurethane		WHEELS & TYRES
254 x 90		254 x 90		
85 x 90		200 x 100		
150 x 79		-		
1x+1	4	1x	2	
437		-		
376		686		

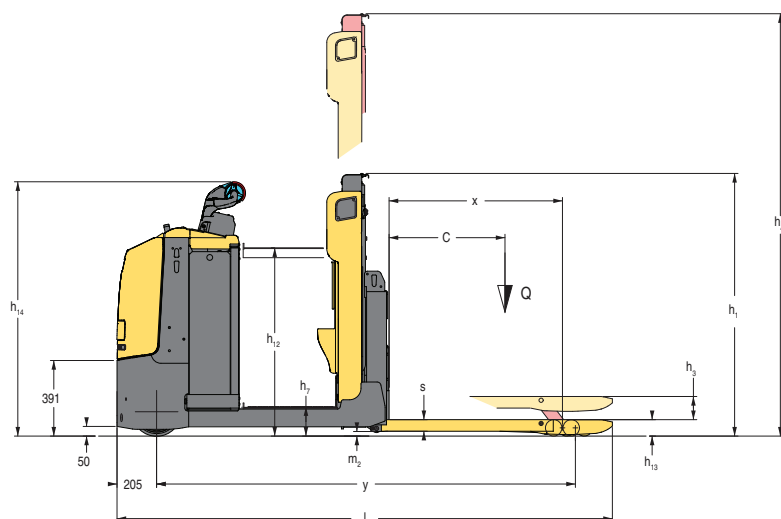
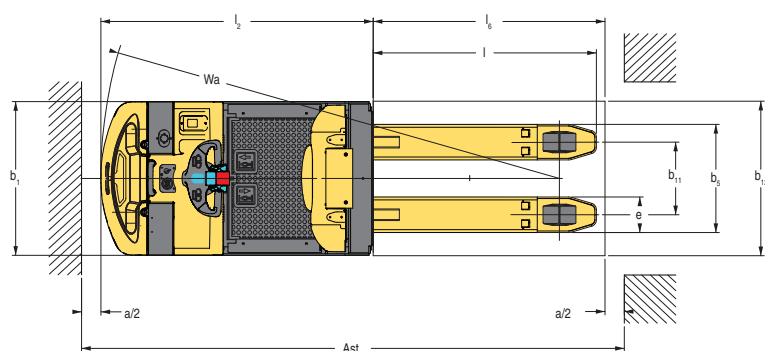
1360			-			DIMENSIONS
120			-			
2340			-			
152			152			
1317			1317			
-			365			
980			-			
85			-			
-			150			
3909			1429 ■			
1555			-			
796			796			
60	184	2356	-			
560			-			
25			50			
4153			-			
3413			1289 ■			

8,5	10,5 ⇄	7	12,5	PERFORMANCE
0.023	0.039	-		
0.189	0.189	-		
0.038	0.018	-		
0.162	0.162	-		
-		1000		
-		3200		
5	5	-	8,9	
TBD		TBD		
Electromagnetic		Electromagnetic		

2.6		2.6		POWER UNIT
2		-		
no		no		
24	620	24	465 ■	
480		366		
1,16		TBD		

AC ~ Mosfet	AC ~ Mosfet	OTHER
< 68,5	TBD	

LO2.0-2.5 Truck Dimensions



$$Ast = Wa - x + l_6 + a \text{ (see line 4.34)}$$

a = Minimum operating clearance
(V.D.I. standard = 200 mm BITA recommendation = 300 mm)

l_6 = Load length

	b5 - 520mm - 580mm - 670mm b11 - 340mm - 380mm - 490mm					with 465 / Ah battery ●			
NOTE	C	l	x ♦	l-x	l6	y ■	l1	Wa ■	Ast ◇
	(fork overhand)					(fork overhand)			
	mm	mm	mm	mm	mm	mm	mm	mm	mm
	500	1006	745	191	1000	2018	2414	2223	2608
	600	1156	895	191	1200	2186	2564	2373	2808
	700	1406	895	441	1400	2168	2814	2373	3008
	800	1606	895	641	1600	2168	3014	2373	3208
	1000	1956	1335	551	2000	2608	3364	2813	3608
UK	1000	1956	1286	600	2000	2559	3364	2764	3608
	1100	2156	1335	751	2200	2608	3564	2813	3808
UK	1100	2156	1286	800	2200	2559	3564	2764	3808
UK	1200	2356	1580	706	2400	2853	3764	3058	4008
Short	1200	2356	1335	951	2400	2608	3764	2813	4008
Long	1200	2356	1790	496	2400	3063	3764	3268	4008
	1450	2856	1790	996	3000	3063	4264	3268	4608

● Add 145mm to this value and l_2 dimension with 620Ah

◇ Ast is calculated for 465Ah battery and Wa reduced by 70mm (forks raised)

■ All values for y and Wa are with lowered forks. With forks raised 120mm, these dimensions will be reduced by 70mm.

♦ All values for x are intended with forks raised 120mm. With forks lowered these dimensions will be increased by 70mm

NOTE:

The condition of the vehicle and how it is equipped, as well as the nature and condition of the operating area affect specifications. If these specifications are critical, the proposed application should be discussed with your dealer.

◆ Values refer to a truck equipped with battery as per line 6.4, with forks as per line 4.22

† Applies to 2 pallets = 2400 mm

◇ Optional 10/13 km/h (LO2.0) and 9/13 km/h (LO2.5)

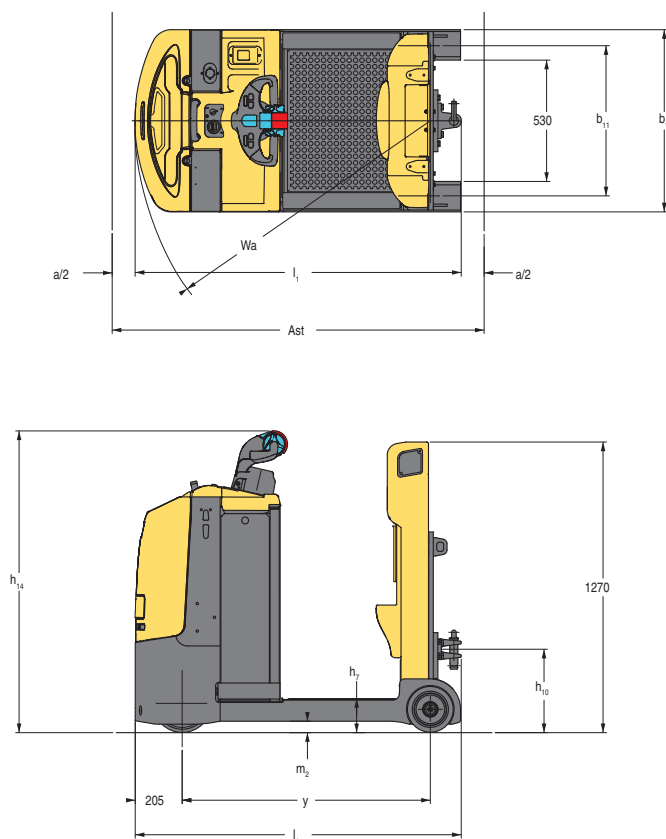
NOTICE:

Care must be exercised when handling elevated loads. When the carriage and / or load is elevated, truck stability is reduced. Operators must be trained and adhere to the instructions contained in the Operating Manual.

CE Safety:

This truck conforms to the current EU requirements.

LO5.0T Truck Dimensions



NOTE:

The condition of the vehicle and how it is equipped, as well as the nature and condition of the operating area affect specifications. If these specifications are critical, the proposed application should be discussed with your dealer.

- ◆ Values refer to a truck equipped with battery as per line 6.4, with forks as per line 4.22
- With standard battery. With optional 620Ah battery, add 145mm. Service weight is increased by 114kg

NOTICE:

Care must be exercised when handling elevated loads. When the carriage and/or load is elevated, truck stability is reduced. Operators must be trained and adhere to the instructions contained in the Operating Manual.

Hyster products are subject to change without notice.

Forks: Lift trucks illustrated may feature optional equipment.

CE Safety:

This truck conforms to the current EU requirements.

Product Features

- LO2.0 Fixed or raising platform for ground up to second level picking, with independent fork lift
- LO2.5 Fixed or raising platform for ground up to second level picking, with independent fork lift
- LO5.0T Tow tractor, for use in a wide range of manufacturing applications, particularly line-feed operations

Dependability

- Solid frame construction and reliable components ensure long-term reliability and durability
- Sturdy wrap around bumper plate protects the truck against impacts and damage and minimises repair costs
- LLOP - Robust pull road design on the load wheel axle ensures long term reliability
- Protected electronics, including the enclosed AC traction motor, sealed combi-controller (with IP65 rating), sealed electrical connectors and hall effect sensors and switches ensure excellent reliability and reduced servicing costs for maximum productivity
- Reduced wiring complexity, thanks to the CANbus communication system provides easy access to components and world-class reliability

Cost of Ownership

- Integrated system controls, including dual technology MOSFET combi-controller, AC traction and DC pump motors enhance energy efficiency
- Advanced control features, such as adjustable performance settings allow the truck to be tailored to the needs of the application, reducing energy consumption
- Regenerative braking reduces use of service brake and dissipates heat of traction motor, ensuring the longer life of key components
- Motors and controllers are protected against damage and debris, reducing servicing and repair costs

Productivity

- Powerful 2,6kW AC drives motor with high performance acceleration / braking and travel speed feature high thermal capacity for stop and go operations
- Effortless electrical steering and automatic speed reduction on cornering ensures excellent control and high productivity
- Acceleration, travel and braking speeds can be adjusted to the particular needs of the application via the console by a service engineer.
- Anti-roll back on ramps device, active for driver operation.
- LLOP models offer nominal capacity up to 2500kg and 48 different forks options, enabling the truck to be configured to suit the varying operational requirements of a vast range of applications
- Max travel speed up to 13km/h reduces travelling time on long runs between docking and picking areas
- Large battery capacity means the truck is perfect for dual shift operations and reduces the frequency of battery charging. Vertical or lateral battery extraction are available

Ergonomics

- Scooter control and electric steering reduces the arm movement required to change direction, keeping the driver within the truck footprint at all times for his protection and reduces operator fatigue and increases productivity
- Platform sensor, which detects when the operator is on board, covers the entire platform floor, which along with the high, soft touch, back rest, allows operators to locate the most comfortable driving position
- Platform suspension increases the comfort of the operator while standing on the truck
- Wide and long operator platform provides increased comfort operator stance and allows easier pass through to optimize picking on both sides.
- Slow-speed forward and reverse direction buttons (coasting function) are located on the backrest and allow the operator to move the truck whilst walking alongside, to the next pick location without having to board
- LLOP - Foot controlled lifting platform option facilitates up to second level picking and limits the amount of reaching the operator has to do from rack to pallet, reducing operator fatigue

Serviceability

- CANbus system and diagnostic control can be controlled and monitored via the console or a single plug-point plus fault codes can be displayed on console for easy service identification
- One-piece hood provides easy access to key components
- Motor cover is fitted by means of two screws and can be easily removed to get full access to all the main components
- Low maintenance AC traction motor with built in thermal protection is fully enclosed for protection against damage and debris, minimising service downtime

Available Options include:

- Side battery extraction
- 48 different fork dimensions
- Floor-level bumper (rubber bumper)
- Mid mounted bumper (bull bar)
- Universal support bar on motor compartment
- Several hooks type (LO5.0T)
- Various drive wheels
- Various platform lift heights
- Various storage compartments



Strong Partners, Tough Trucks, for Demanding Operations, Everywhere.

Hyster supplies a complete range of warehouse equipment, IC and electric counterbalanced trucks, container handlers and reach stackers. Hyster is committed to being much more than a lift truck supplier.

Our aim is to offer a complete partnership capable of responding to the full spectrum of material handling issues: Whether you need professional consultancy on your fleet management, fully qualified service support, or reliable parts supply, you can depend on Hyster.

Our network of highly trained dealers provides expert, responsive local support. They can offer cost-effective finance packages and introduce effectively managed maintenance programmes to ensure that you get the best possible value. Our business is dealing with your material handling needs so you can focus on the success of your business today and in the future.



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