

Order picking truck 1.0 ton

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H-series

OME100H (Narrow)



Order picking truck

Truck specifications					OME100H (Narrow), Duplex mast	OME100H (Narrow), Triplex mast
Identification	1.1	Manufacturer			Toyota	Toyota
	1.2	Model			OME100H (Narrow), Duplex mast	OME100H (Narrow), Triplex mast
	1.3	Drive			Electric	Electric
	1.4	Operator type			Stand on	Stand on
	1.5	Load capacity/rated load	Q	kg	1000	1000
	1.6	Load centre	c	mm	600	600
	1.8	Load distance, centre of load axle to fork face	x	mm	203 ¹⁾	228 ¹⁾
	1.9	Wheelbase	y	mm	1477	1503
Weight	2.1	Service weight including battery		kg	3068	3835
	2.2	Axle load, with load, drive/fork wheel		kg	1160/2909	1536/3152
	2.3	Axle load, without load, drive/fork wheel		kg	1729/1339	2086/1602
Wheels	3.1	Drive/fork wheel			Polyurethane	Polyurethane
	3.2	Wheel size, front		mm	Ø 230 x 110	Ø 230 x 110
	3.3	Wheel size, rear		mm	Ø 350 x 140	Ø 350 x 140
	3.5	Wheels, number front/rear (x = driven wheels)			2/1 (*)	2/1 (*)
	3.6	Track width, front	b ₁₀	mm	910	910
Dimensions	4.2	Height, mast lowered	h ₁	mm	3152	2857
	4.4	Lift movement	h ₃	mm	4689	5787
		Lift height	h ₂₃	mm	5639	6737
	4.5	Height, mast extended	h ₄	mm	7100	8200
	4.7	Height of overhead guard (cab)	h ₆	mm	2402	2402
	4.8	Stand height	h ₇	mm	305	305
	4.11	Initial lift movement	h ₉	mm	870	870
	4.14	Stand height, elevated	h ₁₂	mm	5000	6100
	4.14.1	Picking height (h ₁₂ + 1600 mm)	h ₂₈	mm	6600	7700
	4.19	Overall length	l ₁	mm	2692	2768
	4.20	Length to face of forks	l ₂	mm	1892 ¹⁾	1969 ¹⁾
	4.21	Overall width ²⁾	b ₁ /b ₂	mm	1050/1000	1050/1200
	4.22	Fork dimensions	s/e/l	mm	62/115/800	62/115/800
	4.25	Width over forks	b ₅	mm	560/685/776	560/685/776
	4.31	Ground clearance, with load, below mast	m ₁	mm	52	52
	4.32	Ground clearance, centre of wheelbase	m ₂	mm	52	52
	4.33	Aisle width for pallets 1000x1200 crossways	A _{st}	mm	1400	1400
	4.34	Aisle width for pallets 800x1200 lengthways	A _{st}	mm	1250	1250
	4.35	Turning radius	W _a	mm	1689	1741
	4.41	Transfer aisle width, 800x1200 lengthways	Au	mm	3148	3224
	4.44	Clear width driver compartment entrance		mm	555	555
Performance data	5.1	Travel speed, with/without load		km/h	12,0/12,0	12,0/12,0
	5.2	Lift speed, with/without load		m/s	0,35/0,40	0,35/0,40
	5.3	Lowering speed, with/without load		m/s	0,45/0,45	0,45/0,45
	5.9	Acceleration time (0-10 meters) with/without load		s	6,0/5,5	6,0/5,5
	5.10	Service brake			Electric	Electric
Electric motor	6.1	Drive motor rating S2 60 min		kW	7,5	7,5
	6.2	Lift motor rating S3 15%		kW	11	11
	6.4	Battery voltage, nominal capacity K _s		V/Ah	48/465	48/465
	6.5	Battery weight		kg	725-810	725-810
	6.6	Energy consumption acc to VDI cycle		kWh/h	3,09	3,09
Other	8.1	Type of drive control			Variable AC	Variable AC
	8.4	Sound level at the driver's ear according to EN 12 053		dB(A)	60	60
	8.6	Steering			Electric	Electric

1) With adjustable forks add 38 mm to x and l₂.

2) b₁ = chassis width, b₂ = cab width

* Further alternatives are available and will produce other values.

All data are based on table configuration. Other configurations may give other values.

Truck performance and dimensions are nominal and subject to tolerances.

Toyota Material Handling Manufacturing Sweden AB products and specifications are subject to change without notice.

Mast dimensions

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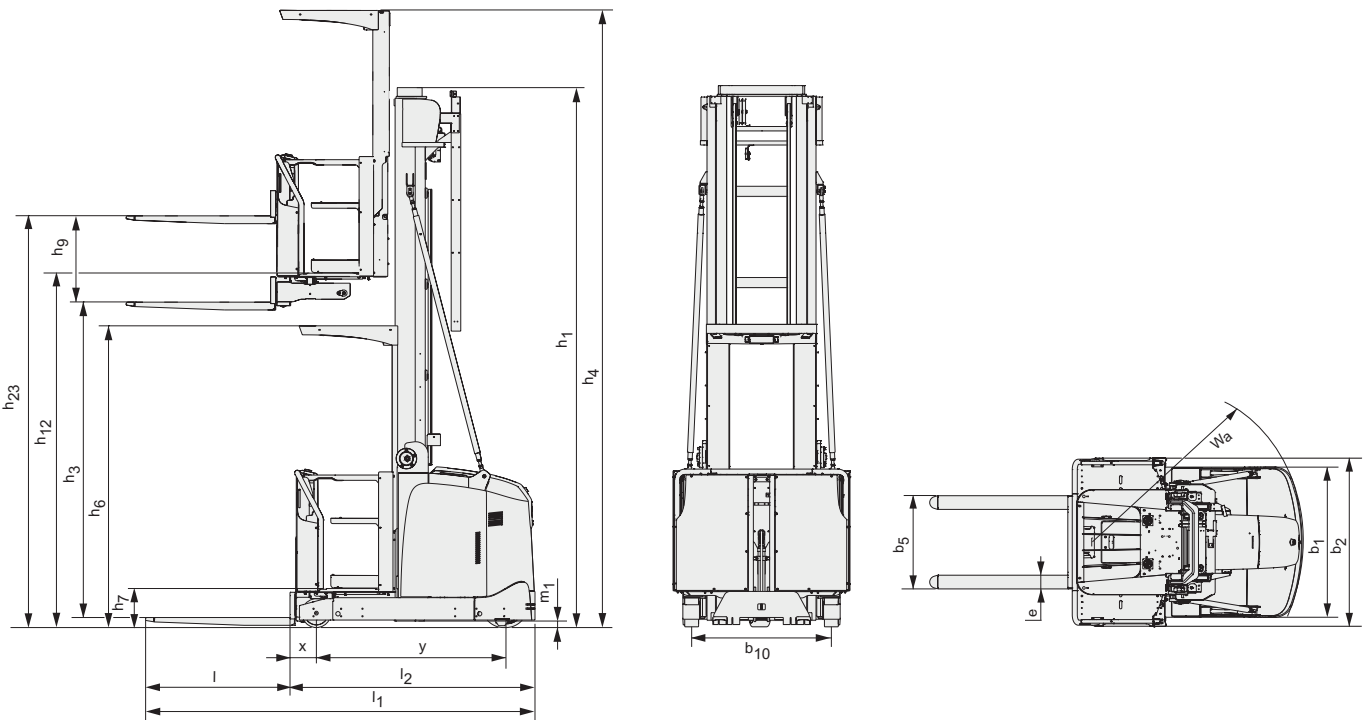
Chassis width, b ₁ (mm)		Battery		Mast					
OME100H (Narrow)	1050	465 Ah		Duplex Telescopic				Triplex Telescopic	
	Platform height	h ₁₂	mm	3550	3950	4500	5000	5500	6100
	Height, mast lowered	h ₁	mm	2427	2627	2902	3152	2657	2857
	Lift movement	h ₃	mm	3239	3639	4189	4689	5187	5787
	Heigh, mast extended	h ₄	mm	5650	6050	6600	7100	7600	8200
	Picking height	h ₂₈	mm	5150	5550	6100	6600	7100	7700
	Total lift height	h ₂₃	mm	4189	4589	5139	5639	6137	6737

Working aisle widths

OME100H (Narrow) ($b_1=1050$ mm)	Standard values			Rail guided trucks				Wire guided trucks			
				EUR pallet		CHEP pallet		EUR pallet		CHEP pallet	
	Handling type			LS	SS	LS	SS	LS	SS	LS	SS
	Pallet length		mm	800	1200	1000	1200	800	1200	1000	1200
	Pallet width		mm	1200	800	1200	1000	1200	800	1200	1000
	Chassis width	b_1	mm	1050	1050	1050	1050	1050	1050	1050	1050
	Cab width	b_2	mm	1200	1000	1200	1000	1200	1000	1200	1000
	Distance between pallets in aisle	A_{st}	mm	1400	1250	1400	1250	1450	1250	1450	1250
	Transfer aisle, VDI Theoretical	A_{st3}	mm	2858	3148	3033	3178	2858	3148	3033	3178
	Transfer aisle, Practical ¹⁾	A_{st3}	mm	3358	3648	3533	3678	3858	4148	4033	4178

LS = Long side pallet handling
SS = Short side pallet handling

1) Transfer aisle requirement including recommended operation safety space. All values in table for Duplex mast and fixed forks. For Triplex mast add + 75 mm to table values. For adjustable forks add + 110 mm to table values.



Truck features:

- High picking heights
- Powerful drive & lift motor (AC)
- Regenerative power when braking and lowering the cab
- Spacious cab with storage compartments
- Height adjustable control panel with intuitive controls
- Information display showing all vital information
- E-bars for mounting of peripheral equipment
- Wire guidance or mechanical (rail) guidance in the aisle
- BT Optipace system for top performance in all handling situations
- Programmable performance



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