EO(M)(C)(H)100-125



SECOND/MID/HIGH LEVEL ORDER PICKER

1.0 - 1.25 TONS

EFFICIENCY & SAFETY

INDUSTRY LEADING EFFICIENT PERFORMANCE

Order picking is labour intensive. The best way to maximise efficiencies in an order picker operation is by understanding that it all comes down to the operator. That's why we've designed a truck to allow the operator to do their job as safely, efficiently and as easily as possible. By doing this we can increase productivity and decrease costs related to your total cost of operation.

We understand that order picking applications can require customisation. With the TCM Order Picker range we've got a history of building trucks and adapting them to unique working environments.



- Driver settings & pin code entry, optimising for each drivers shift.
- Onboard fault diagnostic system.
- Eco Mode program saves approx. 6% on running costs.
- Easy battery exchange, ensures maintenance and battery life.
- Low noise.
- Rail & wire guided options available.

SAFETY FIRST

- Visibility maximised. Pro-vision mast. Maximised vision where possible.
- Warning lights positioned to give warning but limit distraction. Inside each straddle leg, on front corners of chassis.
- Driver Presence Check: Adjusts speed and driving functions depending on the presence of the operator.
- Automatic stop if side gates are not lowered when driver platform above 1200.
- Dynamic corner control.
- Wrap-around bumper to reduce impact damage.





COMFORT



OPERATOR COMFORT FOR INCREASED PRODUCTIVITY

Driver Presence Sensor reduces the need for a dead's man switch.This means the operator doesn't have to stand in one place while driving and emits a trip hazard.

Maximized space throughout the spacious cabin makes the operator more productive, safe and allows room for all the tools they need for the job.

Low step height – less effort for the operator

Fully adjustable controls on the front and back of cabin

Comfort rail


TCM
103772
UTLEV
103878
UTLEV
103878
UTLEV
TCM

SPECIFICATIONS

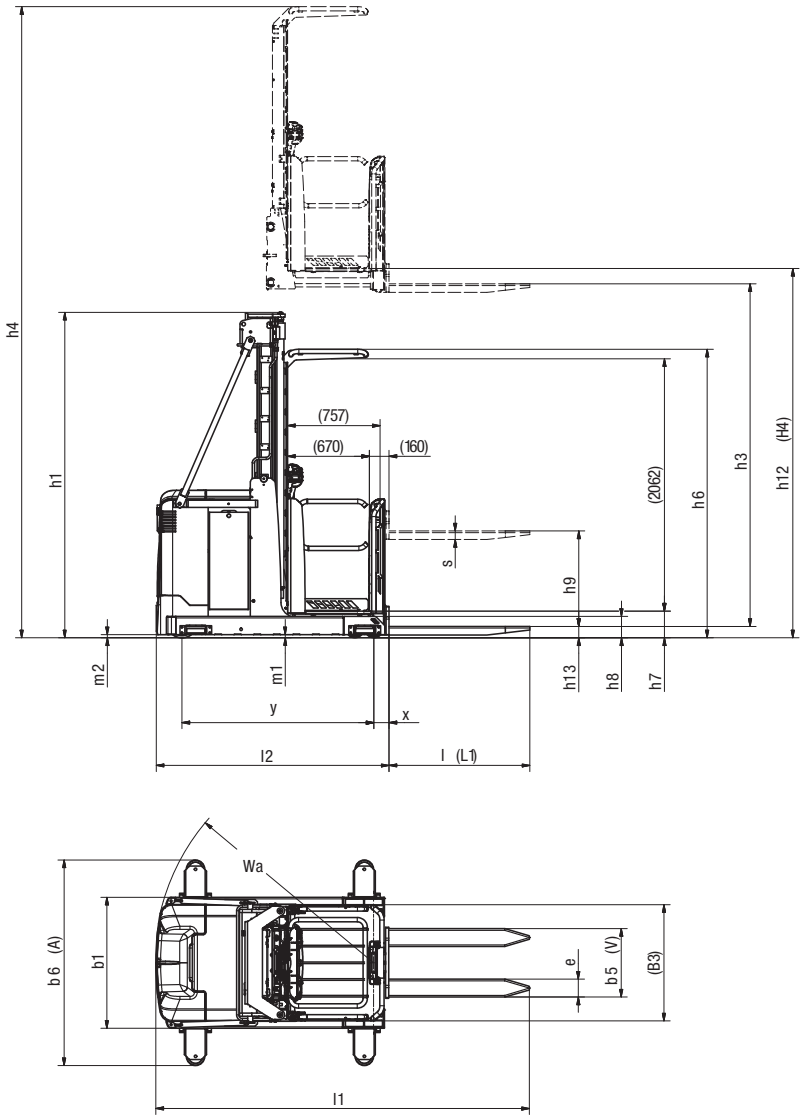
CHARACTERISTICS					
1	Manufacturer				
2	Manufacturer's model designation			**EOM100** (without EasyLift)	**EOM100** (with EasyLift)
3	Power source: (battery, diesel, LP gas, petrol)			Battery	Battery
4	Operator type: pedestrian, (operator)-standing, -seated			Stand-on	Stand-on
5	Load capacity[1]	Q	kg	1000	1000
6	Load center distance	c	mm	600	600
7	Load wheel axle to fork face (forks lowered)	x	mm	100	120
8	Wheelbase	y	mm	1371	1371
WEIGHT					
9	Truck weight with load, with minimum battery weight		kg	2450	2660
10	Axle loadings with nominal load & minimum battery weight, drive/load side		kg	430 / 2020	440 / 2160
11	Axle loadings without load & with minimum battery weight, drive/load side		kg	950 / 500	950 / 650
WHEELS, DRIVE TRAIN					
12	Tyres: PT=Power Thane, Vul=Vulkollan, drive/load side			Vul / Vul	Vul / Vul
13	Tyre dimensions, drive side		mm	250 × 105	250 × 105
14	Tyre dimensions, load side		mm	120 × 115	120 × 115
15	Number of wheels, load / drive side (x = driven)			2 / 1x	2 / 1x
16	Track width (center of tyres), load side	b11	mm	674	674
DIMENSIONS					
17	Height with mast lowered	h1	mm	1630	2196
18	Lift height (without h9)	h3	mm	1040	1640
19	Height with mast extended	h4	mm	2670	3790
20	Height to top of overhead guard	h6	mm	2300	2300
21	Seat- or stand height	h7	mm	160-1200	160-1800
22	Height of support legs	h8	mm	115	115
23	Supplementary lift	h9	mm	-	723
24	Platform height, raised	h12	mm	1200	1800
25	Fork height, fully lowered	h13	mm	90	90
26	Overall length	l1	mm	2805	2825
27	Length to fork face	l2	mm	1655	1675
28	Overall width	b1	mm	810	810
29	Fork dimensions (thickness, width, length)	s/e/l	mm	70 / 147 / 1150	70 / 147 / 1150
30	Fork carriage width	b3	mm		
31	Outside width over forks (minimum/maximum)	b5	mm	450-700	450-700
32	Innerwidth of support legs	b4	mm		
33	Width over guide rollers (min.)	b6	mm		
34	Ground clearance at center of wheelbase (forks lowered)	m2	mm	35	35
35	Aisle width for pallets 1000 × 1200 (l6 × b12) crossways	Ast	mm	Platform/load width + 90 mm clearance each side	
36	Aisle width for pallets 800 × 1200 (b12 × l6) lenghtways	Ast	mm	3131	3150
37	Turning radius	Wa	mm	1570	1570
38	Transfer aisle width (pallet 1000 × 1200 mm lenghtwise & 200 mm clearance)	l8	mm	Platform/load width + 90 mm clearance each side	
PERFORMANCE					
39	Travel speed, with / without load		km/h	9 / 9	9 / 9
40	Lifting speed, with / without load		m/s	0.12 / 0.20	0.11 / 0.19
41	Lowering speed, with / without load		m/s	0.25 / 0.23	0.24 / 0.22
42	Max gradeability, with / without load		%	10.2	10.2
43	Acceleration time (10 metres) with / without load		s	5.6 / 4.9	5.5 / 4.8
44	Service brake			Regenerative / electrical	Regenerative / electrical
ELECTRIC MOTORS					
45	Drive motor capacity (60 min. short duty)		kW	2.7	2.7
46	Lift motor output at 15% duty factor		kW	2.2 (5%)	2.2 (5%)
47	Battery according to DIN 43531/35/36, A, B, C, no			BS	BS
48	Battery voltage / rated capacity (5 h)		V/Ah	24 / 486-600	24 / 486-600
49	Battery weight (± 5%)		kg	Min 450	Min 450
50	Energy consumption according to VDI cycle		kWh/h	n/a	n/a
MISCELLANEOUS					
51	Type of drive control			AC Traction	AC Traction
52	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871 in work LpAZ		dB(A)	57	57

1) If adjustable forks, then load capacity is max 900 kg on LC 600 mm

TCM Forklifts

EOC100 DUPLEX	EOC100 TRIPLEX FREE LIFT	EOH125
Battery	Battery	Battery
Stand-on	Stand-on	Stand-on
1000	1000	1250
600	600	600
125	204	126
1568	1568	1760
2050 kg + 96 × h12 (m)	2260 kg + 91.5 × h12 (m)	2950 kg + 97 x h12 (m)
1110 / 2800	1210 / 2910	1780 / 3510
1660 / 1250	1790 / 1330	2390 / 1650
Vul / Vul	Vul / Vul	Vul / Vul
250 ×105	250 ×105	355 × 155
150 × 55	150 × 55	150 × 55
8 / 1x	8 / 1x	8 / 1x
806 / 906 / 1006	906 / 1006	1006 / 1186
h12 /2 + 592	h12 /3 + 637	h12 /3 + 770
3285 - 7185	4885 - 8035	5785 - 10285
h12 + 2140	h12 + 2160	h12 + 2160
2356	2356	2356
215	215	215
175	175	175
775	775	775
3500 - 7400	5100 - 8250	6000 - 10500
90	90	90
3055	3135	3290
1903	1982	2139
970 / 1070 / 1170	1070 / 1170	1170 / 1350
70 / 147 / 1150	70 / 147 / 1150	70 / 147 / 1150
560	560	560
450 - 800	450 - 800	450 - 800
n/a	n/a	
1148 - 1814	1248 -1814	1348 - 1814
25	25	25
Platform/load width + 125 mm clearance / each side		
Platform/load width + 125 mm clearance / each side		
1790	1790	2020
3375	3450	3606
11 / 11	11 / 11	12 / 12
0.21 / 0.32	0.26 / 0.37	0.36 / 0.44
0.4 / 0.4	0.43 / 0.45	0.41 / 0.45
7.1	7.1	6.2
6.3 / 5.8	6.3 / 5.8	5.5 / 5.2
Electrical	Electrical	Electrical
2.7	2.7	5.9
8 (20%)	8 (20%)	11
BS	BS	DIN 43531 B
24 / 560 - 775	24 / 560 - 775	48 / 500 - 620
500 - 700	500 - 700	890 - 1125
Stepless	Stepless	Stepless
66	66	65

EOH125



Ast = Wa + R + a

Ast = Working aisle width

Wa = Turning radius

a = Safety clearance = 2 x 100 mm

R = $\sqrt{(l6 + x)^2 + (b12 / 2)^2}$

l6 = Pallet length (800 or 1000 mm)

b12 = Pallet width (1200 mm)



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Note:
These products and specifications are subject to change without notice.
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Photos and illustrations may or may not include optional equipment and accessories.
Features and specifications may vary depending on markets.
Performance data and dimensions are nominal and subject to tolerances.
Produced in ISO certified factory.

PRESENTED BY :

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