

EQA151

ELECTRIC REACH TRUCK

 1500 kg  3590 mm  48 V Lead Acid/Li-ion



The EQA151 is specifically engineered for high-density storage operations in confined spaces and narrow aisles. Its lightweight and compact design allows for exceptional maneuverability in tight warehouse grids and retail backrooms. With high ground clearance and large PU load wheels, this reach truck navigates uneven floors and ramps smoothly. It is the ideal solution for stacking various pallet types in logistics centers and manufacturing facilities requiring precise handling in limited space.

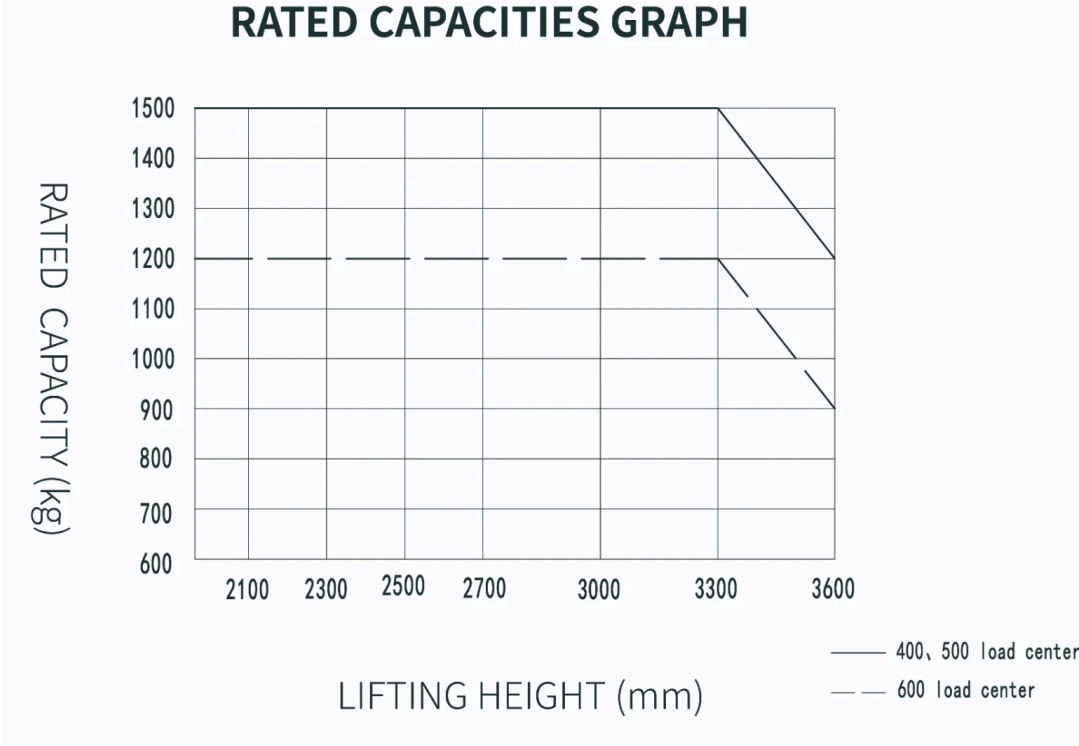
SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			EQA151
Battery voltage		V	48
Rated capacity	Q	kg	1500
Load centre distance	c	mm	500
Service weight		kg	1790
Height, mast lowered	h_1	mm	1760
Lift	h_3	mm	2490
Height, mast extended	h_4	mm	2975
Overall length	l_1	mm	2405/2808
Overall width	b_1/b_2	mm	1000
Length to face of forks	l_2	mm	1335/1738
Fork dimensions	s/e/l	mm	40/100/1070
Turning radius	Wa	mm	1710/2106
Drive			Electric
Operator type			Stand-on/Pedestrian

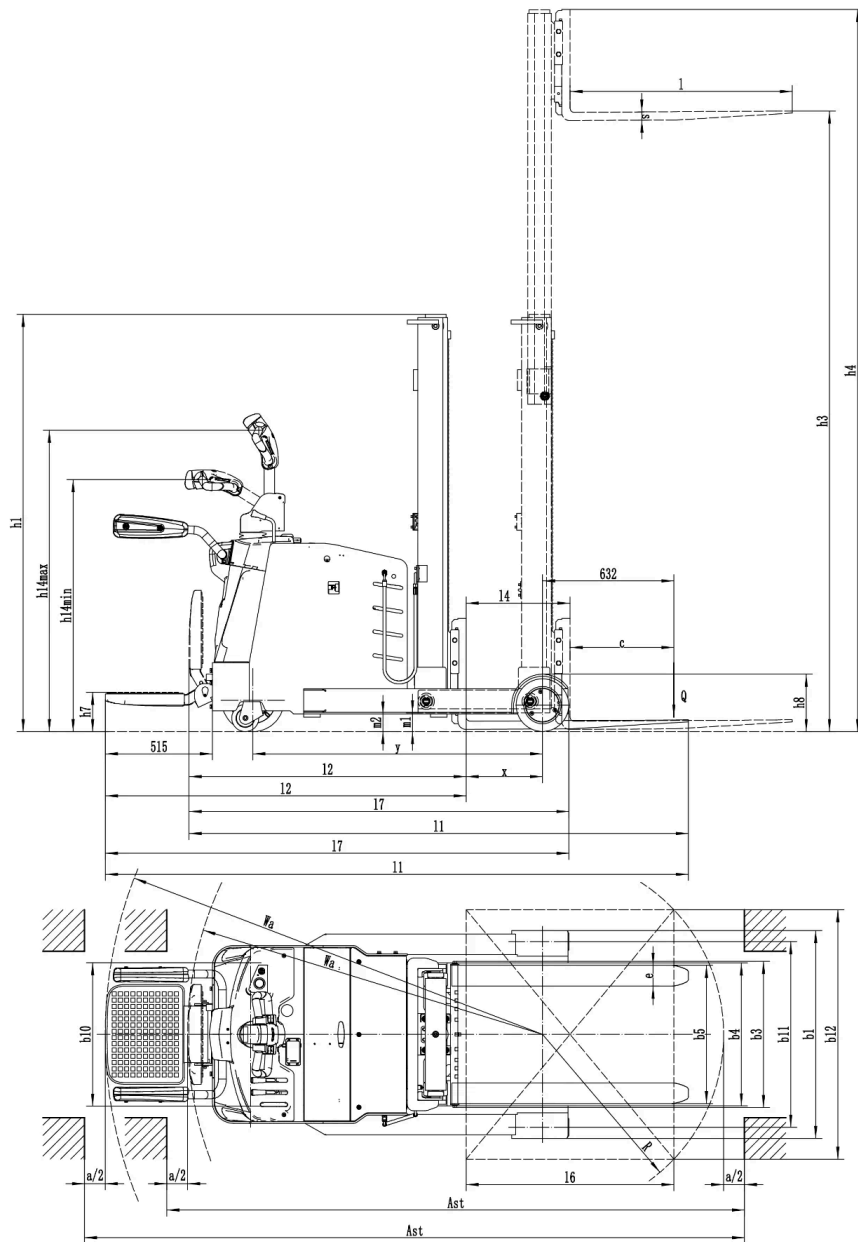
VDI Chart

SPECIFICATION		REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			EQA151
1.3	Drive			Electric
1.4	Operator type			Stand-on/Pedestrian
1.5	Rated capacity	Q	kg	1500
1.6	Load centre distance	c	mm	500
1.8	Load distance, centre of drive axle to fork	x	mm	368
1.9	Wheelbase	y	mm	1395
2.1	Service weight		kg	1790
2.2	Axle loading, laden front/rear		kg	330/2960
2.3	Axle loading, unladen front/rear		kg	1240/550
3.1	Tyres			Polyurethane
3.2	Tyre size, front		mm	Φ300x90
3.3	Tyre size, rear		mm	Φ254×102
3.4	Additional wheels (castor wheels)		mm	Φ130×55
3.5	Wheels, number front/rear (x=drive wheels)			1x , 2/2
3.6	Tread width, front	b ₁₀	mm	690
3.7	Tread width, rear	b ₁₁	mm	894
4.2	Height, mast lowered	h ₁	mm	1760
4.2.1	Overall height		mm	2975
4.4	Lift	h ₃	mm	2490
4.5	Height, mast extended	h ₄	mm	2975
4.8	Seat height relating to SIP/stand height	h ₇	mm	190
4.10	Height of wheel arms		mm	276
4.18	Width of loading surface			200-665
4.19	Overall length	l ₁	mm	2405/2808
4.20	Length to face of forks	l ₂	mm	1335/1738
4.21	Overall width	b ₁ /b ₂	mm	1000
4.22	Fork dimensions	s/e/l	mm	40/100/1070
4.23	Fork carriage ISO 2328, class/type A, B			2A
4.24	Fork carriage width		mm	705
4.26	Distance between wheel arms/loading surfaces			688

SPECIFICATION		REF	UNIT	VALUE
4.31	Ground clearance, laden, below mast		mm	90
4.32	Ground clearance, centre of wheelbase	m ₂	mm	85
4.35	Turning radius	Wa	mm	1710/2106
5.1	Travel speed, laden/unladen		km/h	4.5/5.0
5.2	Lift speed, laden/unladen		m/s	0.09/0.13
5.3	Lowering speed, laden/unladen		m/s	0.11/0.11
5.8	Max. gradeability, laden/unladen		%	5/8
5.10	Service brake			Electromagnetic
5.11	Parking brake			Electromagnetic
6.1	Drive motor rating S2 60 min		kW	1.8
6.2	Lift motor rating at S3 15%		kW	2.2
6.4.1	Battery voltage		V	48
6.4.2	Battery nominal capacity K5		Ah	105
6.4.3	Battery type			Lead Acid/Li-ion
6.5	Battery weight		kg	122
8.1	Type of drive unit			DC
10.5	Steering design			Mechanical
10.7	Sound pressure level at the driver's seat		dB(A)	74
15.1	Charger output current		A	15

Subject to modification of specifications and designs without prior notice as part of continuous product improvement. Images and technical data shown may include optional features and are provided for reference only. All dimensions are subject to standard manufacturing tolerances.





Mast Options

MAST TYPE	LIFT HEIGHT (H3, MM)	MAST LOWERED HEIGHT (H1, MM)	HEIGHT, MAST EXTENDED, NO SHELIVING (H4, MM)
2-Wide Mast	2490	1760	2975
2-Wide Mast	2690	1860	3175
2-Wide Mast	2990	2010	3475
2-Wide Mast	3290	2160	3775

MAST TYPE	LIFT HEIGHT (H3, MM)	MAST LOWERED HEIGHT (H1, MM)	HEIGHT, MAST EXTENDED, NO SHELVING (H4, MM)
2-Wide Mast	3590	2310	4075

Options

ITEM	OPTIONS (optional items marked in yellow)
Fork dimension	900*600、2A、100*40*1070 900*600、2A、100*40*1150 900*600、2A、100*40*1220
Load wheel material	PU
Drive wheel material	PU
Front wheel type	Single
Front wheel material	Single
Battery capacity	48V/105Ah (Li-ion) 48V/125Ah (Lead-acid)
Charger	48V-15A External charger
Battery indicator	With hourmeter
Castor wheels	Yes and not customized
Hydraulic system operating mode	Mechanical lever