



EP
Let's grow together

ES10-10ES/ES10-22DM
ES10-10MM/ES10-22MM
ES12-12ES/ES12-25DM
ES12-12MM/ES12-25MM
Electric Stacker 1.0/1.2t

- Electric Stacker With Smallest Working Space Needed
- Innovative Design of Low Energy Consumption and High Reliability
- Long & Aside Tiller Design Makes Operations Safe and Convenient

EP EQUIPMENT CO.,LTD
www.ep-equipment.com



FEATURE

Performance

- Robust Structure;
- Highly specialized drive and hydraulic system ensure excellent driving performance and high reliability.
- Low-noise and durable hydraulic unit, high quality cylinder as well as hose ensure high reliability of hydraulic system.
- AMP connector and durable electric wires greatly reduce malfunctions of components.
- Straddle Chassis option offers stability of high stack operation.



Safety

- Safety hydraulic design prevents mast from falling down abruptly when oil pipes cut off.
- Belly button prevents truck from hitting operator.
- By simply pressing emergency disconnect, power supply will be immediately interrupted.
- Multi lifting limited switch ensures travel safety.
- Truck automatically switches to low speed mode, when lifting height is higher than setting height.
- Anti-rolling back braking device ensures trucks don't roll back on ramps.

Operation

- Ergonomic tiller head for effortless and comfortable operations.
- Tiller with long arm for smooth steering.
- Compact chassis design offers smallest turning radius needed.
- Side operating ensures excellent visibility.
- On-board Charger.

Maintenance

- Maintenance-free Battery.
- Battery display indicator with hour meter, reminds operator of charging on time (optional).
- Easy Maintenance — detachable rear panel.
- Self-Diagnostics signal on the digital display allows easy trouble-shooting.
- Easy Access of Hand Set.
- Low-voltage Cut-off Protection.

Electric Stacker 1.0/1.2t

ES10-10ES/ES12-12ES

Distinguishing mark	1.1	Manufacturer			EP	EP
	1.2	Model designation			ES10-10ES	ES12-12ES
	1.3	Drive			Electric	Electric
	1.4	Operator type			Pedestrian	Pedestrian
	1.5	Load capacity	Q	kg	1000	1200
	1.6	Load center distance	c	mm	600	600
	1.8	Load distance, centre of drive axle to fork	x	mm	795	795
	1.9	Wheelbase	y	mm	1240	1240
	2.1	Service weight		kg	540	661
Service weight	2.2	Axle loading, laden front/rear		kg	640/852	845/1016
	2.3	Axle loading, unladen front/rear		kg	419/121	536/125
	3.1	Tyre type			Polyurethane	Polyurethane
Tyres/chassis	3.2.1	Tyre size, front		mm	Φ210x70	Φ210x70
	3.3.1	Tyre size, rear		mm	Φ80x60	Φ80x60
	3.4	Additional wheels (caster wheels)		mm	Φ130x55	Φ130x55
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1x+ 1/ 4	1x+ 1/ 4
	3.6.1	Tread width, front	b10	mm	533	533
	3.7.1	Tread width, rear	b11	mm	400	400
Dimensions	4.0	Max. Lift Height	H	mm	3015	3015
	4.2	Retracted mast height	h1	mm	2026	2056
	4.3	Free lift	h2	mm	—	—
	4.4	Lift height	h3	mm	2927	2927
	4.5	Height, mast extended	h4	mm	3491	3521
	4.6	Initial lift	h5	mm	—	—
	4.9	Height of tiller handle in drive position min./max.	h14	mm	860/ 1200	860/ 1200
	4.10	Height of wheel arms	h8	mm	—	—
	4.15	Lowered height	h13	mm	88	88
	4.19	Overall length	l1	mm	1740	1740
	4.20	Length to face of forks	l2	mm	590	590
	4.21	Overall width	b1/b2	mm	800	800
	4.22	Fork dimensions	s/e/l	mm	55/160/1150	60/ 170/ 1150
	4.24	Fork carriage width	b3	mm	600	680
	4.25	Distance between fork-arms	b5	mm	560	570
	4.26	Distance between wheel arms/loading surfaces	b4	mm	—	—
	4.31	Ground clearance, laden, below mast	m1	mm	—	—
	4.32	Ground clearance, center of wheelbase	m2	mm	30	30
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2225	2225
	4.34.2	Aisle width for pallets 800×1200 crossways	Ast	mm	2150	2150
Performance data	4.35	Turning radius	Wa	mm	1408	1408
	5.1	Travel speed, laden/unladen		km/h	4/4.5	4/4.5
	5.2	Lifting speed, laden/unladen		m/s	0.12/ 0.22	0.12/ 0.22
	5.3	Lowering speed, laden/unladen		m/s	0.12/ 0.11	0.12/ 0.11
	5.8	Max. gradeability, laden/unladen		%	3/ 10	3/ 10
Electric-engine	5.10	Service brake			Electromagnetic	Electromagnetic
	6.1	Drive motor rating S2 60 min		kW	0.65	0.65
	6.2	Lift motor rating at S3 15%		kW	2.2	2.2
	6.4	Battery voltage/nominal capacity		V/Ah	2x12/105	2x12/105
	6.5	Battery weight		kg	2x30	2x30
Addition data	8.1	Type of drive control			DC	DC
	10.5	Steering design			Mechanical	Mechanical
	10.7	Sound pressure level at the driver's ear		dB(A)	74	74

If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.

Electric Stacker 1.0/1.2t

ES10-10MM/ES12-12MM

Distinguishing mark	1.1	Manufacturer			EP	EP
	1.2	Model designation			ES10-10MM	ES12-12MM
	1.3	Drive			Electric	Electric
	1.4	Operator type			Pedestrian	Pedestrian
	1.5	Load capacity	Q	kg	1000	1200
	1.6	Load center distance	c	mm	600	600
	1.8	Load distance, centre of drive axle to fork	x	mm	805	805
	1.9	Wheelbase	y	mm	1126	1126
Service weight	2.1	Service weight		kg	462	462
	2.2	Axle loading, laden front/rear		kg	641/821	741/921
	2.3	Axle loading, unladen front/rear		kg	343/119	343/119
Tyres/chassis	3.1	Tyre type			Polyurethane	Polyurethane
	3.2.1	Tyre size, front		mm	Φ210x70	Φ210x70
	3.3.1	Tyre size, rear		mm	Φ80x60	Φ80x60
	3.4	Additional wheels (castor wheels)		mm	Φ130x55	Φ130x55
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1x+ 1/ 4	1x+ 1/ 4
	3.6.1	Tread width, front	b10	mm	533	533
	3.7.1	Tread width, rear	b11	mm	380	380
Dimensions	4.0	Max. Lift Height	H	mm	1605	1605
	4.2	Retracted mast height	h1	mm	1940	1940
	4.3	Free lift	h2	mm	1505	1505
	4.4	Lift height	h3	mm	1517	1517
	4.5	Height, mast extended	h4	mm	1971	1971
	4.6	Initial lift	h5	mm	—	—
	4.9	Height of tiller handle in drive position min./max.	h14	mm	860/ 1200	860/ 1200
	4.10	Height of wheel arms	h8	mm	—	—
	4.15	Lowered height	h13	mm	88	88
	4.19	Overall length	l1	mm	1615	1615
	4.20	Length to face of forks	l2	mm	465	465
	4.21	Overall width	b1/b2	mm	800	800
	4.22	Fork dimensions	s/e/l	mm	60/ 170/ 1150	60/ 170/ 1150
	4.24	Fork carriage width	b3	mm	680	680
	4.25	Distance between fork-arms	b5	mm	550	550
	4.26	Distance between wheel arms/loading surfaces	b4	mm	—	—
	4.31	Ground clearance, laden, below mast	m1	mm	—	—
	4.32	Ground clearance, center of wheelbase	m2	mm	30	30
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2137	2137
	4.34.2	Aisle width for pallets 800×1200 crossways	Ast	mm	2062	2062
Performance data	4.35	Turning radius	Wa	mm	1295	1295
	5.1	Travel speed, laden/unladen		km/h	4/4.5	4/4.5
	5.2	Lifting speed, laden/unladen		m/s	0.12/ 0.22	0.12/ 0.22
	5.3	Lowering speed, laden/unladen		m/s	0.12/ 0.11	0.12/ 0.11
	5.8	Max. gradeability, laden/unladen		%	3/ 10	3/ 10
Electric-engine	5.10	Service brake			Electromagnetic	Electromagnetic
	6.1	Drive motor rating S2 60 min		kW	0.65	0.65
	6.2	Lift motor rating at S3 15%		kW	2.2	2.2
	6.4	Battery voltage/nominal capacity		V/Ah	2x12/85	2x12/85
	6.5	Battery weight		kg	2x25	2x25
Addition data	8.1	Type of drive control			DC	DC
	10.5	Steering design			Mechanical	Mechanical
	10.7	Sound pressure level at the driver's ear		dB(A)	74	74

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Electric Stacker 1.0/1.2t

ES10-22DM/ES12-25DM

Distinguishing mark	1.1	Manufacturer			EP	EP
	1.2	Model designation			ES10-22DM	ES12-25DM
	1.3	Drive			Electric	Electric
	1.4	Operator type			Pedestrian	Pedestrian
	1.5	Load capacity	Q	kg	1000	1200
	1.6	Load center distance	c	mm	600	600
	1.8	Load distance, centre of drive axle to fork	x	mm	845	845
	1.9	Wheelbase	y	mm	1290	1290
	2.1	Service weight		kg	676	676
Service weight	2.2	Axle loading, laden front/rear		kg	757/919	837/1039
	2.3	Axle loading, unladen front/rear		kg	549 / 127	549 / 127
	3.1	Tyre type			Polyurethane	Polyurethane
Tyres/chassis	3.2.1	Tyre size, front		mm	Ø210×70	Ø210×70
	3.3.1	Tyre size, rear		mm	Φ100x50	Φ100x50
	3.4	Additional wheels (castor wheels)		mm	Φ100x50	Φ100x50
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1x+ 1/ 4	1x+ 1/ 4
	3.6.1	Tread width, front	b10	mm	533	533
	3.7.1	Tread width, rear	b11	mm	1060/1160/ 1260 /1360	1060/1160/ 1260 /1360
Dimensions	4.0	Max. Lift Height	H	mm	2980	2980
	4.2	Retracted mast height	h1	mm	2086	2086
	4.3	Free lift	h2	mm	—	—
	4.4	Lift height	h3	mm	2920	2920
	4.5	Height, mast extended	h4	mm	3895	3895
	4.6	Initial lift	h5	mm	—	—
	4.9	Height of tiller handle in drive position min./max.	h14	mm	860/ 1200	860/ 1200
	4.10	Height of wheel arms	h8	mm	100	100
	4.15	Lowered height	h13	mm	60	60
	4.19	Overall length	l1	mm	1650	1650
	4.20	Length to face of forks	l2	mm	580	580
	4.21	Overall width	b1/b2	mm	1135/1235/ 1335 /1435	1135/1235/ 1335 /1435
	4.22	Fork dimensions	s/e/l	mm	35/ 100/ 1070	35/ 100/ 1070
	4.24	Fork carriage width	b3	mm	800	800
	4.25	Distance between fork-arms	b5	mm	200~780	200~780
	4.26	Distance between wheel arms/loading surfaces	b4	mm	100	100
	4.31	Ground clearance, laden, below mast	m1	mm	30	30
	4.32	Ground clearance, center of wheelbase	m2	mm	40	40
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2255	2255
	4.34.2	Aisle width for pallets 800×1200 crossways	Ast	mm	2180	2180
	4.35	Turning radius	Wa	mm	1404	1404
Performance data	5.1	Travel speed, laden/unladen		km/h	4/4.5	4/4.5
	5.2	Lifting speed, laden/unladen		m/s	0.12/ 0.22	0.12/ 0.22
	5.3	Lowering speed, laden/unladen		m/s	0.12/ 0.11	0.12/ 0.11
	5.8	Max. gradeability, laden/unladen		%	3/ 10	3/ 10
	5.10	Service brake			Electromagnetic	Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60 min		kW	0.65	0.65
	6.2	Lift motor rating at S3 15%		kW	2.2	2.2
	6.4	Battery voltage/nominal capacity		V/Ah	2x12/105	2x12/105
	6.5	Battery weight		kg	2x30	2x30
Addition data	8.1	Type of drive control			DC	DC
	10.5	Steering design			Mechanical	Mechanical
	10.7	Sound pressure level at the driver's ear		dB(A)	74	74

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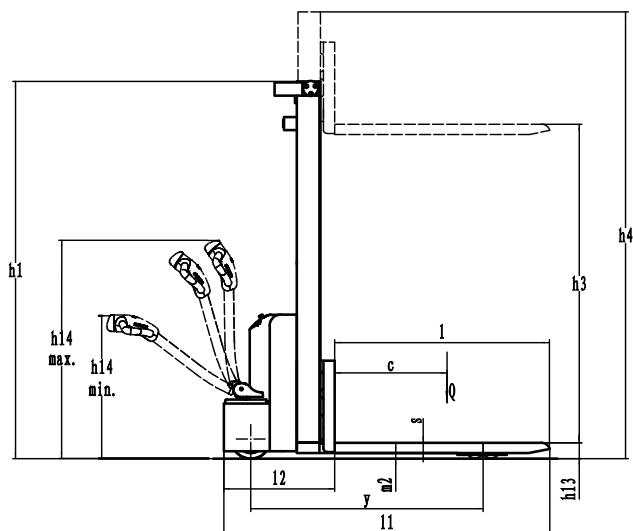
Electric Stacker 1.0/1.2t

ES10-22MM/ES12-25MM

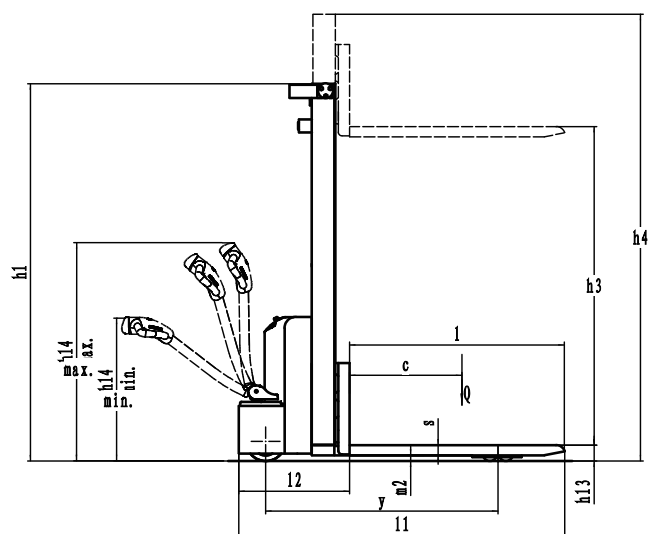
Distinguishing mark	1.1	Manufacturer			EP	EP
	1.2	Model designation			ES10-22MM	ES12-25MM
	1.3	Drive			Electric	Electric
	1.4	Operator type			Pedestrian	Pedestrian
Service weight	1.5	Load capacity	Q	kg	1000	1200
	1.6	Load center distance	c	mm	600	600
	1.8	Load distance, centre of drive axle to fork	x	mm	850	850
Tyres/chassis	1.9	Wheelbase	y	mm	1210	1210
	2.1	Service weight		kg	543	543
	2.2	Axle loading, laden front/rear		kg	683/860	783/960
	2.3	Axle loading, unladen front/rear		kg	420/123	420/123
	3.1	Tyre type			Polyurethane	Polyurethane
	3.2.1	Tyre size, front		mm	Φ210x70	Φ210x70
	3.3.1	Tyre size, rear		mm	Φ100x50	Φ100x50
Dimensions	3.4	Additional wheels (castor wheels)		mm	Φ100x50	Φ100x50
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1x+ 1/ 4	1x+ 1/ 4
	3.6.1	Tread width, front	b10	mm	533	533
	3.7.1	Tread width, rear	b11	mm	1060/1160/ 1260 /1360	1060/1160/ 1260 /1360
	4.0	Max. Lift Height	H	mm	1570	1570
	4.2	Retracted mast height	h1	mm	1940	1940
	4.3	Free lift	h2	mm	1407	1407
	4.4	Lift height	h3	mm	1510	1510
	4.5	Height, mast extended	h4	mm	2053	2053
	4.6	Initial lift	h5	mm	—	—
	4.9	Height of tiller handle in drive position min./max.	h14	mm	860/ 1200	860/ 1200
	4.10	Height of wheel arms	h8	mm	100	100
	4.15	Lowered height	h13	mm	60	60
	4.19	Overall length	l1	mm	1570	1570
	4.20	Length to face of forks	l2	mm	500	500
	4.21	Overall width	b1/b2	mm	1135/1235/ 1335 /1435	1135/1235/ 1335 /1435
	4.22	Fork dimensions	s/e/l	mm	35/ 100/ 1070	35/ 100/ 1070
	4.24	Fork carriage width	b3	mm	780	780
	4.25	Distance between fork-arms	b5	mm	200~760	200~760
	4.26	Distance between wheel arms/loading surfaces	b4	mm	100	100
Performance data	4.31	Ground clearance, laden, below mast	m1	mm	30	30
	4.32	Ground clearance, center of wheelbase	m2	mm	40	40
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2175	2175
	4.34.2	Aisle width for pallets 800×1200 crossways	Ast	mm	2100	2100
	4.35	Turning radius	Wa	mm	1329	1329
Electric-engine	5.1	Travel speed, laden/unladen		km/h	4/4.5	4/4.5
	5.2	Lifting speed, laden/unladen		m/s	0.12/ 0.22	0.12/ 0.22
	5.3	Lowering speed, laden/unladen		m/s	0.12/ 0.11	0.12/ 0.11
	5.8	Max. gradeability, laden/unladen		%	3/ 10	3/ 10
	5.10	Service brake			Electromagnetic	Electromagnetic
Addition data	6.1	Drive motor rating S2 60 min		kW	0.65	0.65
	6.2	Lift motor rating at S3 15%		kW	2.2	2.2
	6.4	Battery voltage/nominal capacity		V/Ah	2x12/85	2x12/85
	6.5	Battery weight		kg	2x25	2x25
	8.1	Type of drive control			DC	DC
	10.5	Steering design			Mechanical	Mechanical
	10.7	Sound pressure level at the driver's ear		dB(A)	74	74

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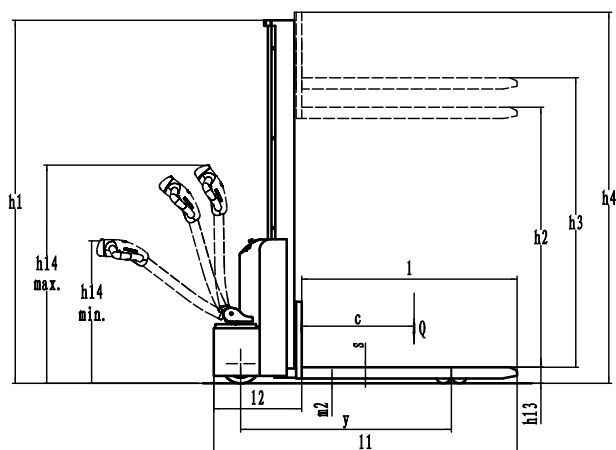
ES10-10ES



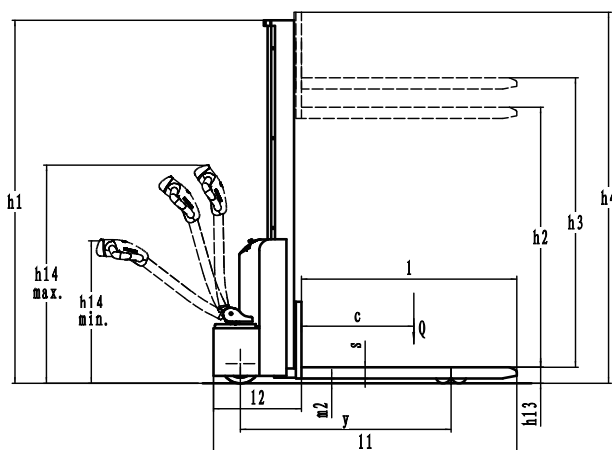
ES12-12ES



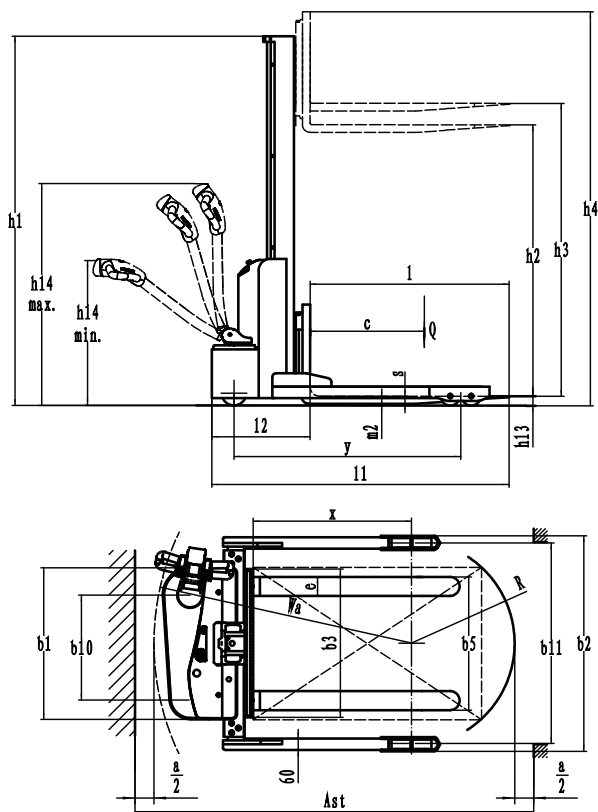
ES10-10MM



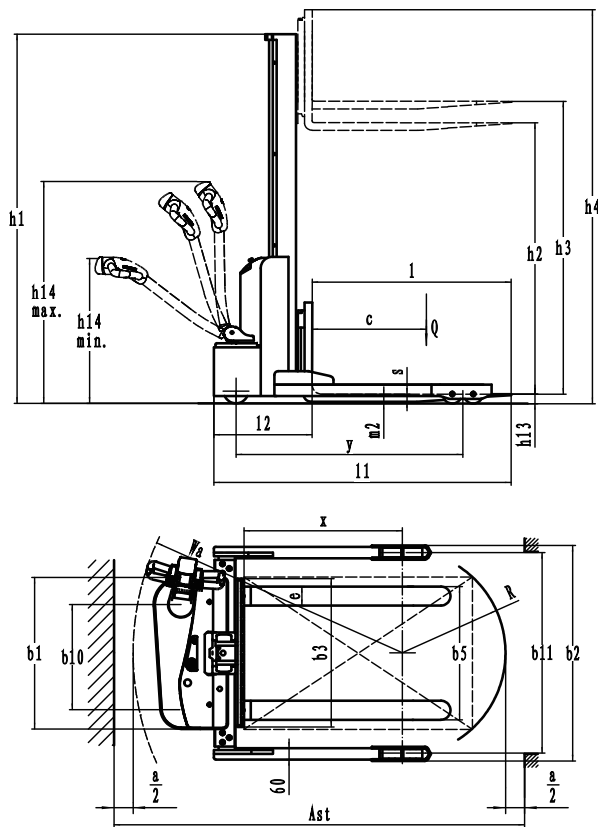
ES12-12MM



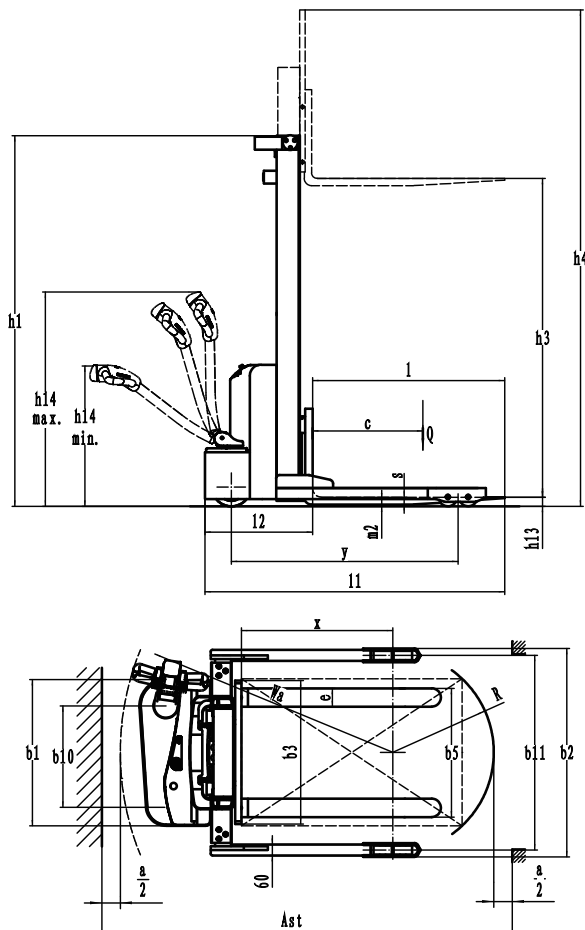
ES10-22MM



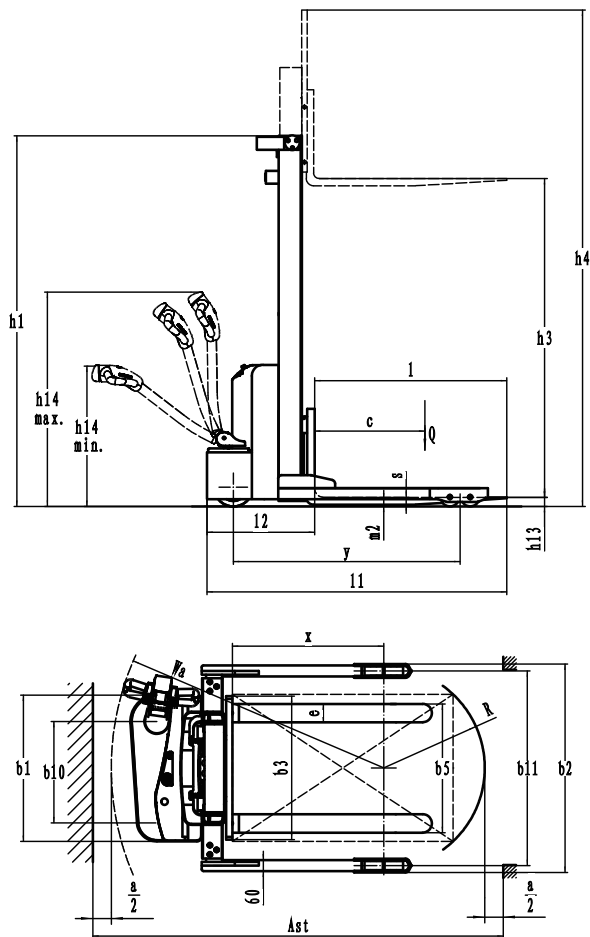
ES12-25MM



ES10-22DM



ES12-25DM



Mast Option

ES10-10ES/ES12-12ES

Mast types	Lift height h3+h13 (mm)	Height, mast lowered h1 (mm)	Free lift h2 (mm)	Height, mast extended h4 (mm)
2-Standard Mast	2515	1772	—	2991
	2715	1872	—	3191
	3015	2022	—	3491
	3315	2172	—	3791

Mast types	Lift height h3+h13 (mm)	Height, mast lowered h1 (mm)	Free lift h2 (mm)	Height, mast extended h4 (mm)
1-stage Mast	1205	1575	1100	1595
	1405	1775	1300	1795
	1605	1975	1500	1995
	1705	2075	1600	2095
2-Standard Mast	2015	1656	—	2521
	2515	1806	—	3021
	2715	1906	—	3221
	3015	2056	—	3521
	3315	2206	—	3821
	3615	2356	—	4121
	3815	2456	—	4321

ES10-10MM/ES12-12MM

Mast types	Lift height h3+h13 (mm)	Height, mast lowered h1 (mm)	Free lift h2 (mm)	Height, mast extended h4 (mm)
2-Standard Mast	1605	1940	1387	2053
	1955	2290	1737	2403

ES10-22MM/ES12-25MM

Mast types	Lift height h3+h13 (mm)	Height, mast lowered h1 (mm)	Free lift h2 (mm)	Height, mast extended h4 (mm)
2-Standard Mast	1570	1940	1387	2053
	1920	2290	1737	2403

ES10-22DM/ES12-25DM

Mast types	Lift height h3+h13 (mm)	Height, mast lowered h1 (mm)	Free lift h2 (mm)	Height, mast extended h4 (mm)
2-Standard Mast	2480	1836	—	3395
	2680	1936	—	3595
	2980	2086	—	3895
	3280	2236	—	4195
	3580	2386	—	4495

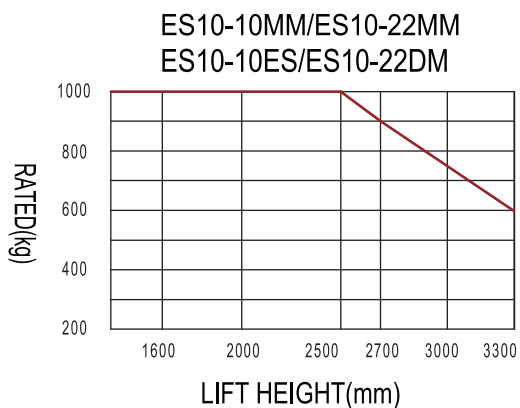
Mast types	Lift height h3+h13 (mm)	Height, mast lowered h1 (mm)	Free lift h2 (mm)	Height, mast extended h4 (mm)
1-stage Mast	1180	1600	1035	1685
	1380	1800	1235	1885
	1580	2000	1435	2085
	1680	2100	1535	2185
2-Standard Mast	1980	1586	—	2895
	2480	1836	—	3395
	2680	1936	—	3595
	2980	2086	—	3895
	3280	2236	—	4195
	3580	2386	—	4495
	3780	2486	—	4695

Option

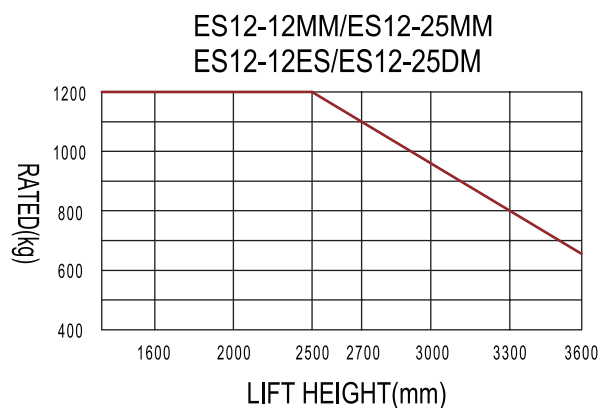
No.	Optional items	ES10-10ES	ES12-12ES
1.1	Fork dimension	●570*1150○570*1220、1000、1070、1300○685*1150、1220、1000、1070、1300	●570*1150○570*1220、1000、1070、1300○685*1150、1220、1000、1070、1300
1.4	Fork carriage width	●680○800	●680○800
2.1	Load wheel type	●Double	●Double
2.2	Load wheel material	●PU	●PU
2.3	Drive wheel material	●PU○Trace PU	●PU○Trace PU
2.7	Battery capacity	●105Ah○125Ah ○85Ah○80Ah (Li-ion)	●105Ah○125Ah○80Ah (Li-ion)
2.8	Charger	●24V-10A internal○24V-15A internal○24V-30A internal (Li-ion)	●24V-10A internal○24V-15A internal○24V-30A internal (Li-ion)
2.9	Battery indicator	●With time	●With time
2.16	handle head type	●Hands big handle head	●Hands big handle head
3.3	Castor wheels	●Yes and not customized	●Yes and not customized
3.11	Rearview mirror	●No○Yes and not customized	●No○Yes and not customized
3.16	Vertical handler working	●No○Yes and not customized	●No○Yes and not customized
Note: ●Standard ○ Optional - Inconformity			

No.	Optional items	ES10-10MM	ES12-12MM
1.1	Fork dimension	●550*1150○550*1220、1000 ○685*1150、1220、1000	●550*1150 ○550*1220、1000、1070 ○685*1150、1220、1000、1070
1.4	Fork carriage width	●680○800	●680○800
2.1	Load wheel type	●Double	●Double
2.2	Load wheel material	●PU	●PU
2.3	Drive wheel material	●PU○Trace PU	●PU○Trace PU
2.7	Battery capacity	●85Ah○80Ah (Li-ion)	●85Ah○80Ah (Li-ion)
2.8	Charger	●24V-10A internal ○24V-15A internal ○24V-30A internal (Li-ion)	●24V-10A internal ○24V-15A internal ○24V-30A internal (Li-ion)
2.9	Battery indicator	●With time	●With time
2.16	handle head type	●Hands big handle head	●Hands big handle head
3.3	Castor wheels	●Yes and not customized	●Yes and not customized
3.11	Rearview mirror	●No○Yes and not customized	●No○Yes and not customized
3.16	Vertical handler working	●No○Yes and not customized	●No○Yes and not customized
Note: ●Standard ○ Optional - Inconformity			

RATED CAPACITIES GRAPH



RATED CAPACITIES GRAPH



Option

No.	Optional items	ES10-22MM	ES12-25MM
1.1	Fork dimension	●900*600、2A、100*40*1070 ○900*600、2A、100*40*1220 ○900*600、2A、100*40*1000 ○900*600、2A、100*40*1370	●900*600、2A、100*40*1070 ○900*600、2A、100*40*1220 ○900*600、2A、100*40*1000 ○900*600、2A、100*40*1370
1.2	Leg width	●985○1085/1185/1285	●985○1085/1185/1285
1.4	Fork carriage width	●800mm(31.5in)	●800mm(31.5in)
1.5	backrest height	●No○916mm (36in)	●No○916mm (36in)
2.1	Load wheel type	●Double	●Double
2.2	Load wheel material	●PU	●PU
2.3	Drive wheel material	●PU○Trace PU	●PU○Trace PU
2.7	Battery capacity	●85Ah○80Ah (Li-ion)	●85Ah○80Ah (Li-ion)
2.8	Charger	●24V-10A internal ○24V-15A internal ○24V-30A internal (Li-ion)	●24V-10A internal ○24V-15A internal ○24V-30A internal (Li-ion)
2.9	Battery indicator	●Without time○With time	●Without time○With time
2.16	handle head type	●Hands big handle head	●Hands big handle head
3.3	Castor wheels	●Yes and not customized	●Yes and not customized
3.11	Rearview mirror	●No○Yes and not customized	●No○Yes and not customized
3.16	Vertical handler working	●No○Yes and not customized	●No○Yes and not customized
Note: ●Standard ○ Optional - Inconformity			

No.	Optional items	ES10-22DM	ES12-25DM
1.1	Fork dimension	●900*600、2A、100*40*1070 ○900*600、2A、100*40*1220 ○900*600、2A、100*40*1000 ○900*600、2A、100*40*1370	●900*600、2A、100*40*1070 ○900*600、2A、100*40*1150 ○900*600、2A、100*40*1220 ○900*600、2A、100*40*1370
1.2	Leg width	●985○1085/1185/1285	●985○1085/1185/1285
1.4	Fork carriage width	●800mm(31.5in)	●800mm(31.5in)
1.5	backrest height	●916mm (36in)	●916mm (36in)
2.1	Load wheel type	●Double	●Double
2.2	Load wheel material	●PU	●PU
2.3	Drive wheel material	●PU○Trace PU	●PU○Trace PU
2.7	Battery capacity	●105Ah○125Ah ○85Ah○80Ah (Li-ion)	●105Ah○125Ah○80Ah (Li-ion)
2.8	Charger	●24V-10A internal ○24V-15A internal ○24V-30A internal (Li-ion)	●24V-10A internal ○24V-15A internal ○24V-30A internal (Li-ion)
2.9	Battery indicator	●Without time○With time	●Without time○With time
2.16	handle head type	●Hands big handle head	●Hands big handle head
3.3	Castor wheels	●Yes and not customized	●Yes and not customized
3.11	Rearview mirror	●No○Yes and not customized	●No○Yes and not customized
3.16	Vertical handler working	●No○Yes and not customized	●No○Yes and not customized
Note: ●Standard ○ Optional - Inconformity			



ES15-15ES ES15-33DM

Apilador eléctrico de 1.5t

- Apilador walkie eléctrico de 1,5 toneladas con el radio de giro reducido;
- El sistema de mástil de alta calidad cumple con la normativa internacional;
- El diseño profesional del cilindro y la cadena proporciona una visión clara;
- Batería libre de mantenimiento y cargador incorporado;

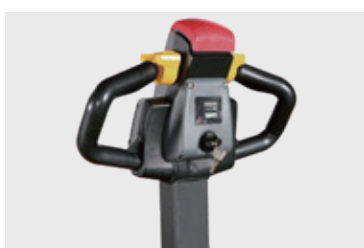
EP EQUIPMENT CO.,LTD
www.ep-equipment.com



■ CARACTERÍSTICAS

Rendimiento

- El innovador sistema de Corriente Alterna (CA) ofrece una gran potencia, un control preciso y un rendimiento excelente
- La caja de engranajes vertical de alta resistencia proporciona un tiempo de actividad fiable
- La unidad hidráulica duradera y silenciosa, el cilindro de alta calidad y la manguera garantizan la fiabilidad del sistema hidráulico
- Conector AMP y cables eléctricos duraderos
- El mástil de canal en forma de H mejora la resistencia de todo el apilador



Seguridad

- El diseño hidráulico de seguridad evita que el mástil se caiga drásticamente cuando se cortan las tuberías de aceite
- El botón de "ombbligo" evita que la transpaleta golpee al operario
- Simplemente presionando la desconexión de emergencia, el suministro de energía se interrumpirá inmediatamente
- El interruptor limitador de elevación múltiple garantiza la seguridad en los viajes
- El apilador cambia automáticamente al modo de baja velocidad cuando la altura de elevación es mayor que la altura de ajuste
- El dispositivo de frenado anti-retroceso garantiza que los camiones no retrocedan en las rampas

Funcionamiento

- Cabezal de timón ergonómico para trabajos cómodos y sin esfuerzos
- Timón con brazo largo para una dirección suave
- El diseño compacto del chasis ofrece un radio de giro más pequeño
- El funcionamiento lateral garantiza una excelente visibilidad
- Cargador integrado

Mantenimiento

- Batería libre de mantenimiento
- Indicador de pantalla de batería con contador de horas, informa al operario cuando debe cargar (opcional)
- Panel trasero desmontable de fácil mantenimiento
- La señal de autodiagnóstico en la pantalla digital permite una fácil resolución de problemas
- Protección contra el corte de baja tensión

Apilador eléctrico 1.5t

ES15-15ES

Características principales				
1.1	Fabricante			EP
1.2	Modelo			ES15-15ES
1.3	Unidad de potencia			Eléctrico
1.4	Modo de trabajo			De pie
1.5	Capacidad nominal	Q	kg	1500
1.6	Distancia al centro de la carga	c	mm	600
1.8	Distancia de carga	x	mm	805
1.9	Distancia entre ejes	y	mm	1240
Carga				
2.1	Carga de servicio (incluye la batería)		kg	755
2.2	Carga por eje, lado de conducción con carga / lado de carga		kg	805/1450
2.3	Carga por eje, lado de conducción sin carga / lado de carga		kg	545/210
Neumático y chasis				
3.1	Ruedas motrices / ruedas de carga			PU/PU
3.2	Ruedas motrices (diámetro x ancho)		mm	Φ230×75
3.3	Ruedas de carga (diámetro x ancho)		mm	Φ80×60
3.4	Ruedas giratorias (diámetro x ancho)		mm	Φ130×55
3.5	Nº de ruedas motrices, rueda giratoria/carga (x = ruedas motrices)		mm	1x +2/4
3.6	Ancho de vía, delantero, lado de conducción	b ₁₀	mm	538
3.7	Ancho de vía, trasero, lado de conducción	b ₁₁	mm	400
Dimensiones				
4.2	Altura del mastil bajado	h ₁	mm	2128
4.3	Altura libre	h ₂	mm	
4.4	Altura de elevación	h ₃	mm	3227
4.5	Altura del mástil extendido	h ₄	mm	3743
4.9	Altura de la barra de tiro (de conducción) Mín. / Máx.	h ₁₄	mm	1150/1480
4.15	Altura sobre el suelo	h ₁₃	mm	88
4.19	Longitud total	l ₁	mm	1740
4.20	Longitud hasta la cara de las horquillas	l ₂	mm	575
4.21	Anchura total	b ₁	mm	800
4.22	Dimensiones de la horquilla	s/ e/ l	mm	60×170×1150
4.24	Ancho de la horquilla	b ₃	mm	680
4.25	Distancia entre el brazo de la horquilla	b ₅	mm	570
4.32	Distancia al suelo	m ₂	mm	28
4.34.1	Ancho de pasillo para palets 1000 x 1200 transversalmente	Ast	mm	2340
4.34.2	Ancho de pasillo para palets 800 x 1200 longitudinalmente	Ast	mm	2260
4.35	Radio de giro	Wa	mm	1500
Datos de rendimiento				
5.1	Velocidad, (con carga / sin carga)		km/ h	5/5
5.2	Velocidad de elevación, (con carga / sin carga)		m/ s	0.13/0.2
5.3	Velocidad de bajada, (con carga / sin carga)		m/ s	0.13/0.13
5.8	Pendiente máxima, (con carga / sin carga)		%	8/16
5.10	Tipo de freno			Electromagnético
Motor eléctrico				
6.1	Potencia del motor de accionamiento S2 60 min		kW	1.27
6.2	Potencia del motor de elevación en S3 15%		kW	3
6.3	Tamaño de batería máximo permitido		mm	330x190x240
6.4	Voltaje de la batería / capacidad nominal K5		V/ Ah	2x12/125
6.5	Peso de la batería		kg	60
Información adicional				
8.1	Tipo de control de conducción			AC
10.5	Tipo de dirección			Mechanical
10.7	Nivel de decibelios		dB (A)	74

*Las características pueden variar, no se hará ninguna notificación, consulte con su comercial próximo.

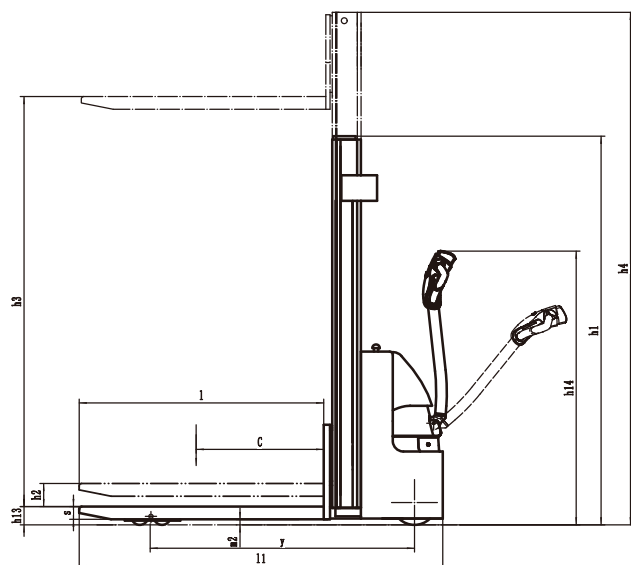
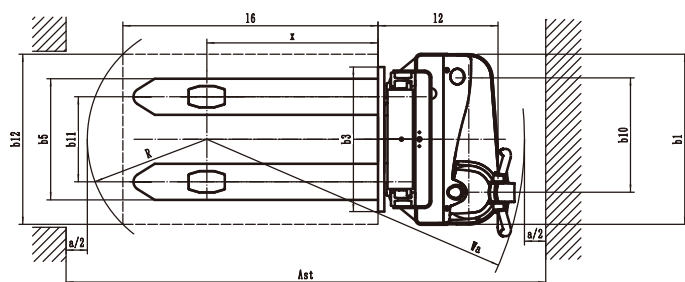
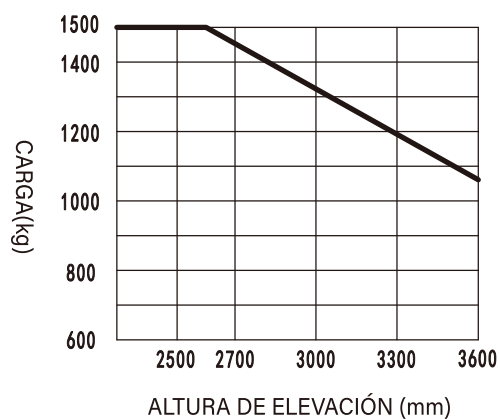


GRÁFICO DE CAPACIDADES NOMINALES



Opcionales del mástil

Tipo de mástil	Altura h3+h13 (mm)	Altura del mástil rebajada h1 (mm)	Altura libre h2 (mm)	Altura extendida del mástil h4 (mm)
Duplex ZT	2515	1728	—	2943
	2715	1828	—	3143
	3015	1978	—	3443
	3315	2128	—	3743

Opcionales

Opcionales	ES15-15ES
Ancho de la horquilla	○685mm/600mm
Capacidad de la batería	●125AH
Respaldo especial	—
Indicador de la batería	○
Neumáticos	○Rueda de PU con patrón
Función de media velocidad al girar	—
Protector del mástil	●Vidrio orgánico
Limitación de altura	○
Nota: ● Serie ○ Opcional — NA	

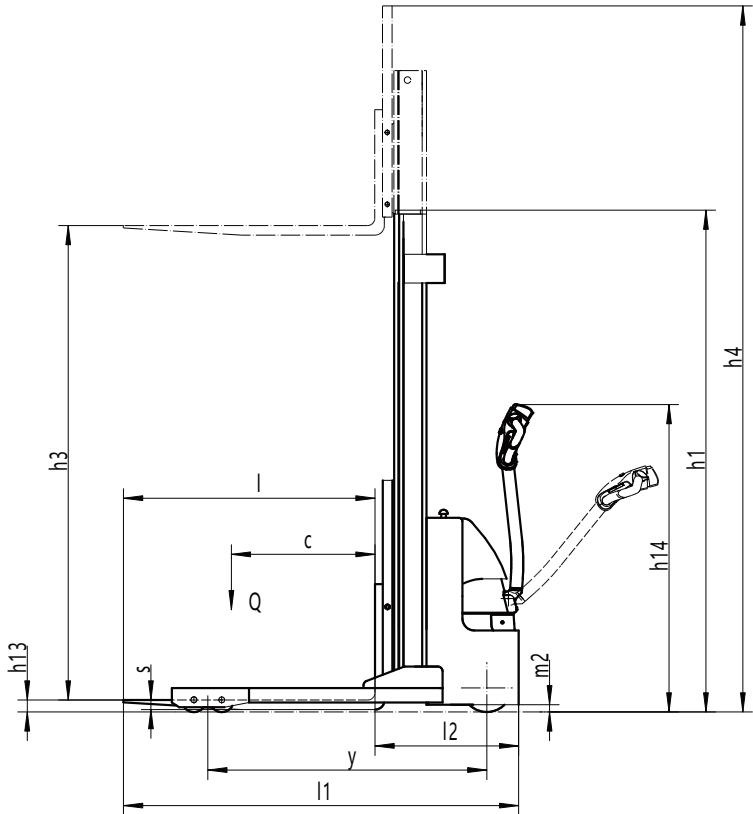
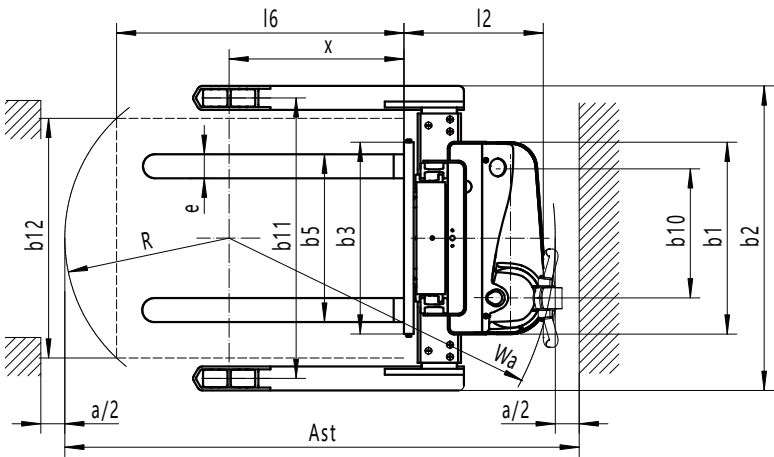
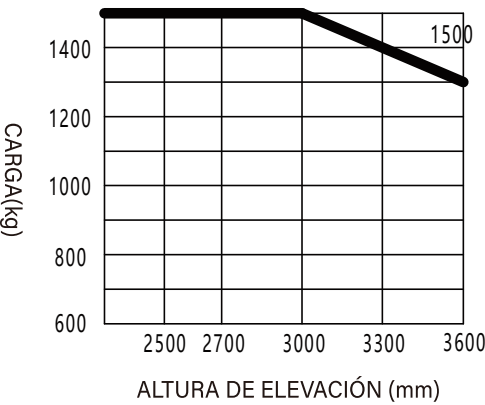
Apilador eléctrico 1.5t

ES15-33DM

Características principales				
1.1	Fabricante			EP
1.2	Modelo			ES15-33DM
1.3	Unidad de potencia			Eléctrico
1.4	Modo de trabajo			De pie
1.5	Capacidad nominal	Q	kg	1500
1.6	Distancia al centro de la carga	c	mm	600
1.8	Distancia de carga	x	mm	730
1.9	Distancia entre ejes	y	mm	1165
Carga				
2.1	Carga de servicio (incluye la batería)		kg	915
2.2	Carga por eje , lado de conducción con carga / lado de carga		kg	825/1590
2.3	Carga por eje , lado de conducción sin carga / lado de carga		kg	560/355
Neumático y chasis				
3.1	Ruedas motrices / ruedas de carga			PU/PU
3.2	Ruedas motrices (diámetro x ancho)		mm	Φ230×75
3.3	Ruedas de carga (diámetro x ancho)		mm	Φ102×73
3.4	Ruedas giratorias (diámetro x ancho)		mm	Φ100×50
3.5	Nº de ruedas motrices, rueda giratoria/carga (x = ruedas motrices)		mm	1x +1/4
3.6	Ancho de vía , delantero, lado de conducción	b ₁₀	mm	538
3.7	Ancho de vía, trasero, lado de conducción	b ₁₁	mm	1170/1270/1370
Dimensiones				
4.2	Altura del mastil bajado	h ₁	mm	2128
4.3	Altura libre	h ₂	mm	
4.4	Altura de elevación	h ₃	mm	3230
4.5	Altura del mástil extendido	h ₄	mm	4210
4.9	Altura de la barra de tiro (conducción) Mín. / Máx.	h ₁₄	mm	1150/1480
4.15	Altura sobre el suelo	h ₁₃	mm	60
4.19	Longitud total	l ₁	mm	1650
4.20	Longitud hasta la cara de las horquillas	l ₂	mm	580
4.21	Anchura total	b ₁ / b ₂	mm	1270/1370/1470
4.22	Dimensiones de la horquilla	s/ e/ l	mm	40/ 100/ 1070
4.24	Ancho de la horquilla	b ₃	mm	800
4.25	Distancia entre el brazo de la horquilla	b ₅	mm	200~765
4.32	Distancia al suelo	m ₂	mm	30
4.34.1	Ancho de pasillo para palets 1000 x 1200 transversalmente	Ast	mm	2250
4.34.2	Ancho de pasillo para palets 800 x 1200 longitudinalmente	Ast	mm	2200
4.35	Radio de giro	Wa	mm	1400
Datos de rendimiento				
5.1	Velocidad, (con carga / sin carga)		km/ h	5/5
5.2	Velocidad de elevación, (con carga / sin carga)		m/ s	0.14/0.2
5.3	Velocidad de bajada, (con carga / sin carga)		m/ s	0.13/0.11
5.8	Pendiente máxima, (con carga / sin carga)		%	8/16
5.10	Tipo de freno			Electromagnético
Motor eléctrico				
6.1	Potencia del motor de accionamiento S2 60 min		kW	1.27
6.2	Potencia del motor de elevación en S3 15%		kW	3
6.3	Tamaño de batería máximo permitido		mm	330x190x240
6.4	Voltaje de la batería / capacidad nominal K5		V/ Ah	24/125
6.5	Peso de la batería		kg	60
Información adicional				
8.1	Tipo de control de conducción			AC
10.5	Tipo de dirección			Mecánico
10.7	Nivel de decibelios		dB (A)	74

*Las características pueden variar, no se hará ninguna notificación, consulte con su comercial proximo.

GRÁFICO DE CAPACIDADES NOMINALES



Opcionales

No.	Elementos opcionales	ES15-33DM
1.1	Dimensión de la horquilla	●900*600、2A、100*40*1070○900*600、2A、100*40*1150 ○900*600、2A、100*40*1220○900*600、2A、100*40*1370
1.2	Anchura de patas	●1070○1170/1270
1.4	Anchura del base de horquilla	●800mm(31.5in)
1.5	Altura del respaldo	●916mm (36in)
2.1	Tipo de la rueda de carga	●Double
2.2	Material de la rueda de carga	●PU
2.3	Material de la rueda de conducción	●PU○Trace PU
2.7	Capacidad de la batería	●125Ah○100Ah
2.8	Cargador	●24V-15A Internal
2.9	Indicador de la batería	●With time
2.16	Tipo de la cabeza de manejo	●Hands big handle head
3.3	Ruedas de balanceo	●Yes and not customized
3.16	Manipulador vertical trabajando	●No○Yes and not customized
Nota: ●Estándar ○ Opcional - Inconformidad		