



Howard Handling

EP E-Stacker: Features

E - STACKER

ES10-10MM
(DC) 1.0t



Compact manoeuvrability for light-medium pallet handling applications

- DC Power with 1 tonne lift capacity
- Small dimensions for good manoeuvrability in confined spaces
- Compact mast design gives operator excellent visibility
- Handle head has an ergonomic design for maximum operator comfort
- Control buttons are positioned to allow operation with either hand
- On-board hour meter and battery discharge indicator
- High quality Curtis controller



E-Truck: Specification

Characteristics						
1.1	Manufacturer		EP	EP	EP	EP
1.2	Model designation		ES10-10MM	ES10-22MM	ES10-10ES	ES10-22DM
1.3	Drive unit		electric	electric	Battery	Battery
1.4	Operator type		pedestrian	pedestrian	pedestrian	pedestrian
1.5	Load capacity	Q (kg)	1000	1000	1000	1000
1.6	Load center	c (mm)	600	600	600	600
1.8	Load distance	x (mm)	805	850	795	845
1.9	Wheelbase	y (mm)	1126	1210	1240	1290
Weights						
2.1	Service weight (Incl. battery)	kg	475	625	461	610
2.2	Axle loading, laden operator/load side	kg	655/820	725/900	645/816	715/895
2.3	Axle loading, unladen operator/load side	kg	362/113	482 / 123	350/111	470 / 120
Wheels, Chassis						
3.1	Tyre type		PU/ PU	PU/ PU	PU/PU	PU/PU
3.2	Tyre size, operator side	mm	Φ210x70	Φ210x70	Ø210×70	Ø210×70
3.3	Tyre size, load side	mm	Φ80x60	Φ100x50	Ø80×60	Ø100×50
3.4	Balance wheels (dimensions)	mm	Φ130x55	Φ100x50	Ø130×55	Ø100×50
3.5	Wheels, number operator/load side (x=drive wheels)		1x+ 1/ 4	1x+ 1/ 4	1x +1/4	1x +1/4
3.6	Tread, operator side	b ₁₀ (mm)	533	533	533	533
3.7	Tread, load side	b ₁₁ (mm)	380	1060/1160/1260/1360	400	1060/1160/1260/1360
Dimensions						
4.2	Height, mast lowered	h ₁ (mm)	1940	1940	2050	2025
4.3	Free lift	h ₂ (mm)	1590	1500		
4.4	Lift height	h ₃ (mm)	1600	1600	3000	3000
4.5	Height, mast extended	h ₄ (mm)	1955	2045	3480	3895
4.9	Height of tiller arm in operating position, min/ max	h ₁₄ (mm)	860/ 1200	860/ 1200	860/ 1200	860/ 1200
4.15	Fork height, lowered	h ₁₃ (mm)	85	50	85	50
4.19	Overall length	l ₁ (mm)	1615	1570	1740	1650
4.20	Length to face of forks	l ₂ (mm)	465	500	590	580
4.21	Overall width	b ₁ / b ₂ (mm)	800/—	1135/1235/1335/1435	800/—	1135/1235/1335/1435
4.22	Fork dimensions	s/ e/ l (mm)	60/ 170/ 1150	35/ 100/ 1070	55/160/1150	35/ 100/ 1070
4.25	Outside fork width, minimum/ maximum	b ₅ (mm)	550	200/700	560	200-700
4.32	Ground clearance	m ₂ (mm)	30	40	30	40
4.33	Aisle width, 1000×1200 pallet crossways	Ast (mm)	2137	2175	2225	2255
4.34	Aisle width, 800×1200 pallet lengthways	Ast (mm)	2062	2100	2150	2180
4.35	Outer turning radius	Wa (mm)	1295	1329	1408	1404
Performance						
5.1	Travel speed, laden/ unladen	km/ h	3.5/4	3.5/4	3.5/4	3.5/4
5.2	Lifting speed, laden/ unladen	m/ s	0.12/ 0.22	0.12/ 0.22	0.12/ 0.22	0.12/ 0.22
5.3	Lowering speed, laden/ unladen	m/ s	0.12/ 0.11	0.12/ 0.11	0.12/ 0.11	0.12/ 0.11
5.8	Maximum gradeability, laden/ unladen S ₂ 5 min.	%	3/ 10	3/ 10	3/10	3/10
5.10	Service brake		Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic
Drive						
6.1	Drive motor rating S ₂ 60 min.	kW	0.65	0.65	0.65	0.65
6.2	Lift motor rating at S ₃ 15%	kW	2.2	2.2	2.2	2.2
6.4	Battery voltage/ rated capacity (5h)	V/ Ah	2x12/85	2x12/85	2x12/105	2x12/105
6.5	Battery weight (with box)	kg	2x20	2x20	2x30	2x30
	Battery compartment dimensions l/ w/ h	mm	260/ 172/ 215	260/ 172/ 215	305/165/210	305/165/210
	Battery type		Gel Battery	Gel Battery	Gel Battery	Gel Battery
Others						
8.1	Type of drive control		DC	DC	DC	DC
	Manufacturer		CURTIS	CURTIS	CURTIS	CURTIS
8.4	Sound level at operator's ear	dB (A)	74	74	74	74