PRODUCT CODE

22957

LIFTEK®

SUPPLIED BY SHS

STACKER WRAP-OVER

1600MM LIFT HEIGHT MONOMAST

1200KG GEL BATTERY



The Liftek Stacker Wrap-Over Mono (ESA121) is best suited for retail environments, workshops, and warehouses where lifting requirements are limited to lower rack levels or ground handling. Its compact chassis of just 826mm in width and precise creep speed control allow it to work efficiently in narrow aisles and tight storage areas. Optional proportional lifting control allows accurate load positioning in high-density operations. Thanks to its ergonomic tiller and reinforced chassis, it guarantees operator comfort and safe handling of loads in repetitive operations.

SPECIFICATION	REF	UNIT	VALUE
			LIFTEK
Model designation			ESA121-M
Battery voltage		V	24
Rated capacity	Q	kg	1200
Load centre distance	c	mm	600
Service weight		kg	490
Height, mast lowered	h_1	mm	1951
Lift	h_3	mm	1530
Height, mast extended	h_4	mm	1991
Overall length	l_1	mm	1742
Overall width	b_1/b_2	mm	826
Length to face of forks	l_2	mm	592
Fork dimensions	s/e/l	mm	60/170/1150
Turning radius	Wa	mm	1452
Drive			Electric
Operator type			Pedestrian

SHS HANDLING SOLUTIONS

0800 619 0800

SALES@SHS-HANDLING.COM

SHSHANDLING SOLUTIONS .COM

SHS HANDLING SOLUTIONS LTD, ELEVATION HOUSE, UNIT C,
TINGEWICK ROAD INDUSTRIAL PARK, BUCKINGHAM, MK18 1SU

FEATURES

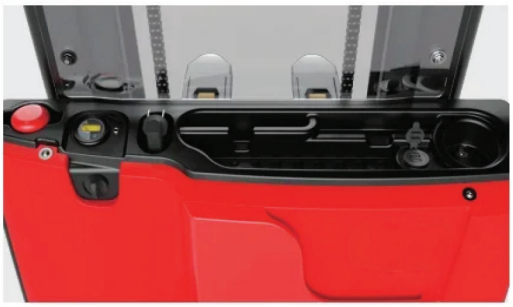
COMPACT MONO MAST DESIGN

- The single mast structure makes the ESA121 Mono a cost-effective option for lower lift applications. Its simplicity reduces overall weight while ensuring durability and easy operation.



FLEXIBLE BATTERY SOLUTIONS

- Available with both AGM and Li-ion batteries, the truck supports fast charging and low-maintenance operation. The integrated charger adds daily convenience for operators.

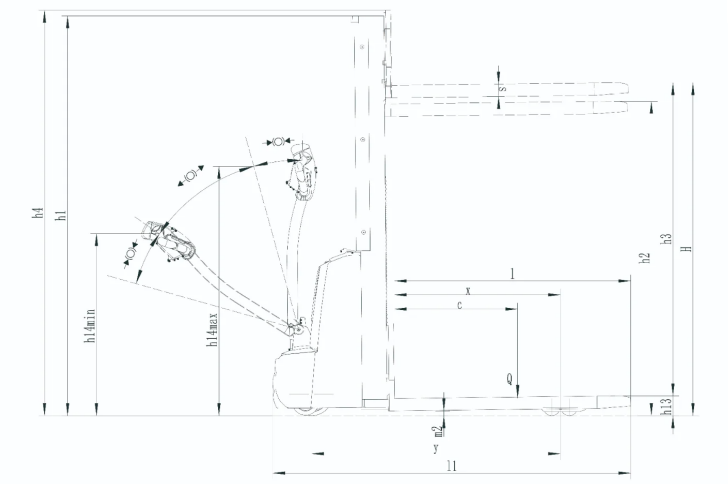


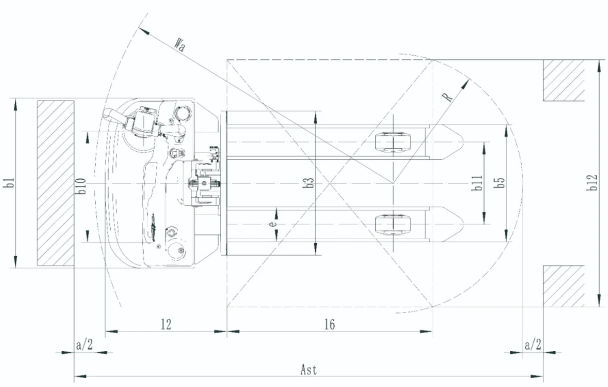
USER-CENTERED DESIGN

- Equipped with an ergonomic tiller, turtle speed mode, and compact chassis, the ESA121 Mono offers precise maneuverability and safe handling even in tight spaces.

PROPORTIONAL LIFTING CONTROL FOR PRECISION

- Optional proportional lifting ensures precise positioning when stacking or retrieving pallets, reduces load sway, and minimizes the risk of product damage. It is especially valuable in high-density storage and applications requiring careful load placement, improving both safety and operational efficiency.





VDI CHART

	SPECIFICATION	REF	UNIT	VALUE
1.2	Model designation			ESA121-M
1.3	Drive			Electric
1.4	Operator type			Pedestrian
1.5	Rated capacity	Q	kg	1200
1.6	Load centre distance	c	mm	600
1.8	Load distance, centre of drive axle to fork	x	mm	808
1.9	Wheelbase	y	mm	1210
2.1	Service weight		kg	490
2.2	Axle loading, laden front/rear		kg	560/1130
2.3	Axle loading, unladen front/rear		kg	360/130
3.1	Tyres			Polyurethane
3.2	Tyre size, front		mm	Ø214×70
3.3	Tyre size, rear		mm	Ø80×61
3.4	Additional wheels (castor wheels)		mm	Ø130×55
3.5	Wheels, number front/rear (x=drive wheels)			1x, 1/4
3.6	Tread width, front	b_{10}	mm	543
3.7	Tread width, rear	b_{11}	mm	400
4.2	Height, mast lowered	h_1	mm	1951
4.3	Free lift	h_2	mm	1530
4.4	Lift	h_3	mm	1530
4.5	Height, mast extended	h_4	mm	1991
4.7	Height of overhead guard (cabin)	h6	mm	1991
4.8	Seat height relating to SIP/stand height	h7	mm	90
4.9	Height drawbar in driving position min./max.	h_{14}	mm	760/1140
4.10	Height of wheel arms	h8	mm	-
4.15	Height, lowered	h_{13}	mm	90
4.19	Overall length	l_1	mm	1742
4.20	Length to face of forks	l_2	mm	592
4.21	Overall width	b_1/b_2	mm	826
4.22	Fork dimensions	s/e/l	mm	60/170/1150
4.24	Fork carriage width	b_3	mm	700

OPTIONS

	SPECIFICATION	REF	UNIT	VALUE
4.25	Distance between fork-arms	b_5	mm	570
4.26	Distance between wheel arms/loading surfaces	b_4		-
4.31	Ground clearance, laden, below mast	m_1	mm	-
4.32	Ground clearance, centre of wheelbase	m_2	mm	23
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2282
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2212
4.35	Turning radius	Wa	mm	1452
5.1	Travel speed, laden/unladen		km/h	4.0/4.5
5.2	Lift speed, laden/unladen		m/s	0.15/0.25
5.3	Lowering speed, laden/unladen		m/s	0.19/0.14
5.8	Max. gradeability, laden/unladen		%	3/10
5.10	Service brake			Electromagnetic
5.11	Parking brake			Electromagnetic
6.1	Drive motor rating S2 60 min		kW	0.65
6.2	Lift motor rating at S3 15%		kW	3.0
6.4.1	Battery voltage		V	24
6.4.2	Battery nominal capacity K5		Ah	105
6.4.3	Battery type			Li-Ion/AGM
6.5	Battery weight		kg	61
6.6	Energy consumption according to DIN EN 16796		kWh/h	- [1)]
6.7	Turnover output according to VDI 2198		t/h	-
6.8	Turnover efficiency according to VDI 2198		t/kWh	-
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

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

AT SHS, WE HELP COMPANIES MOVE GOODS SAFELY AND EFFICIENTLY BY
DESIGNING, **SUPPLYING**, AND **MAINTAINING** MATERIALS HANDLING EQUIPMENT.

SHS HANDLING SOLUTIONS

0800 619 0800
SALES@SHS-HANDLING.COM

SHSHANDLING SOLUTIONS .COM

SHS HANDLING SOLUTIONS LTD, ELEVATION HOUSE, UNIT C,
TINGEWICK ROAD INDUSTRIAL PARK, BUCKINGHAM, MK18 1SU