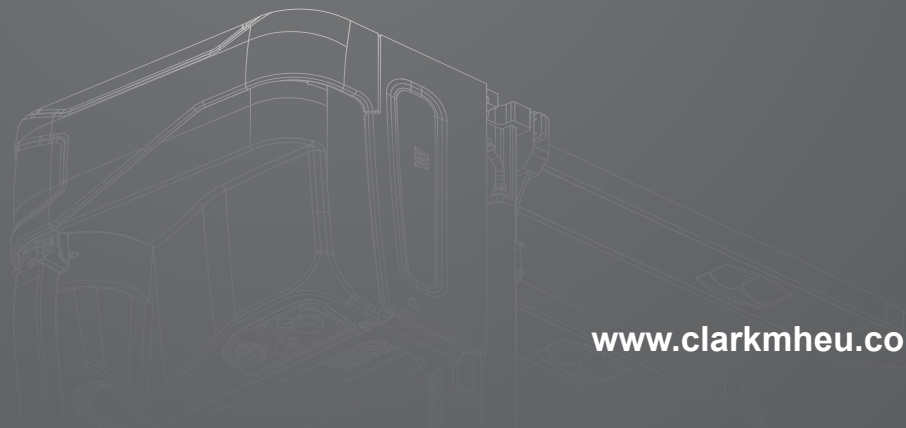
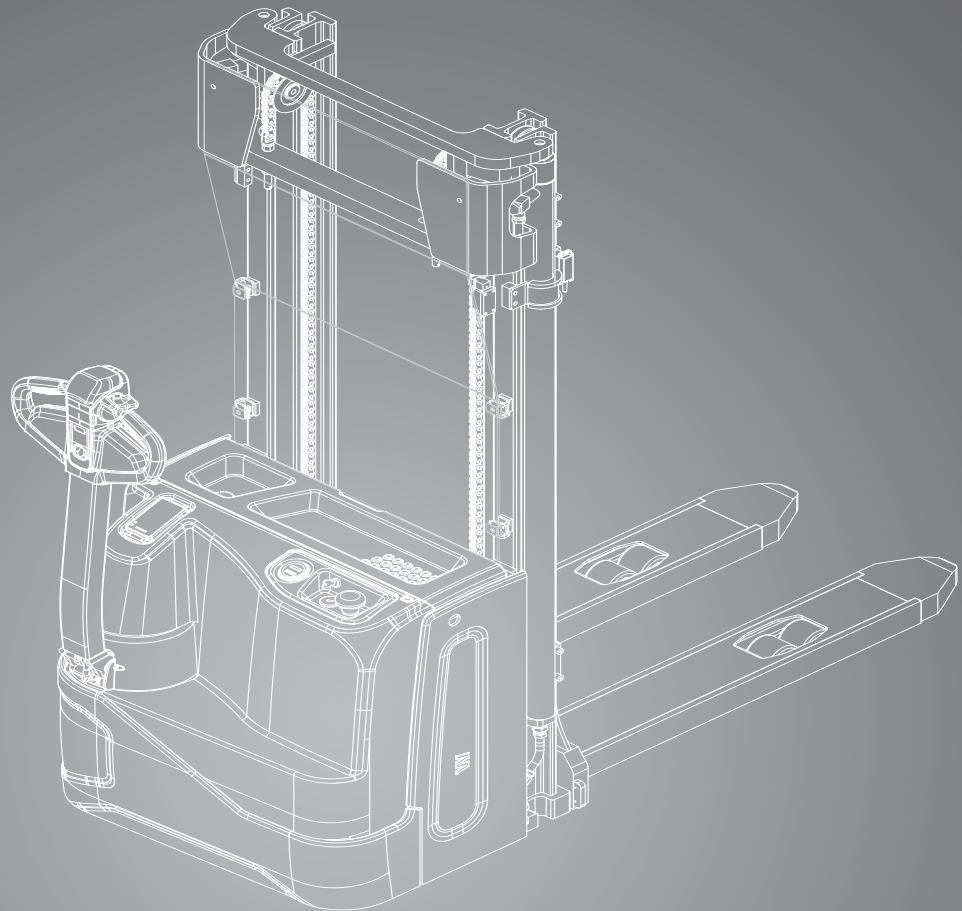


SWX12 SWX16

Electric Stacker Truck

1200 kg

1600 kg



FEATURES AND BENEFITS

SWX12

Upright table SWX12

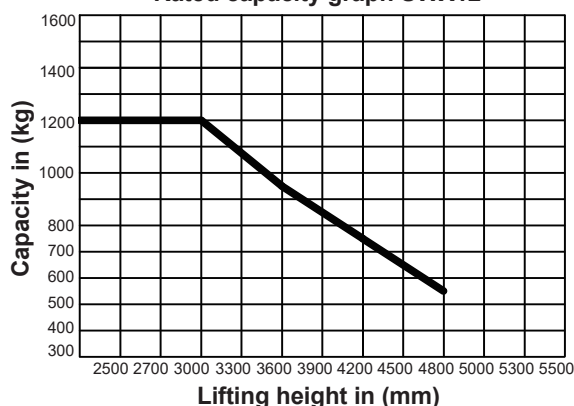
Mast type	Lift height (h3+h13)	Mast height lowered (h1)	Mast height extended (h4)	Free lift (h2)
	mm	mm	mm	mm
Standard	2500	1720	2935	90
	2700	1820	3135	90
	3000	1970	3435	90
	3300	2120	3735	90
	3600	2270	4035	90
	3900	2420	4335	90
Triplex	4000	1820	4445	1345
	4500	2020	4945	1545
	4800	2115	5245	1645

SWX16

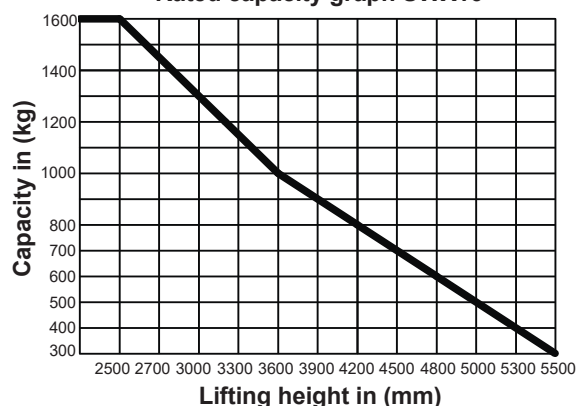
Upright table SWX16

Mast type	Lift height (h3+h13)	Mast height lowered (h1)	Mast height extended (h4)	Free lift (h2)
	mm	mm	mm	mm
Standard	2600	1815	3095	90
	3000	2015	3495	90
	3300	2185	3835	90
	3600	2312	4089	90
	3900	2462	4389	90
	4150	2592	4649	90
Triplex	4000	1820	4445	1345
	4500	2020	4945	1545
	4800	2115	5245	1545
	5000	2185	5445	1645
	5500	2385	5945	1715

Rated capacity graph SWX12



Rated capacity graph SWX16



Performance & Safety

- Powerful AC drive motor
- Push button for driving with the tiller in the upright position
- Compact design for safe handling in tight work areas
- Proportional lift system for maximum precision when lifting and lowering
- Driving speed reduction when load is lifted

Reliability & serviceability

- Error code indication in display
- Proven AC controllers
- Easy access for service and maintenance thanks to one-piece bonnet
- Programming of travel and lift parameters is simple and straightforward

Comfort & ergonomics

- The controls are positioned within easy reach
- A storage compartment on the battery cover
- Discharge indicator in a convenient position for viewing

CLARK products, illustrations and specifications are subject to change without notice. Performance may vary +5% and -10% due to motor and system efficiency tolerance.

DIMENSIONS

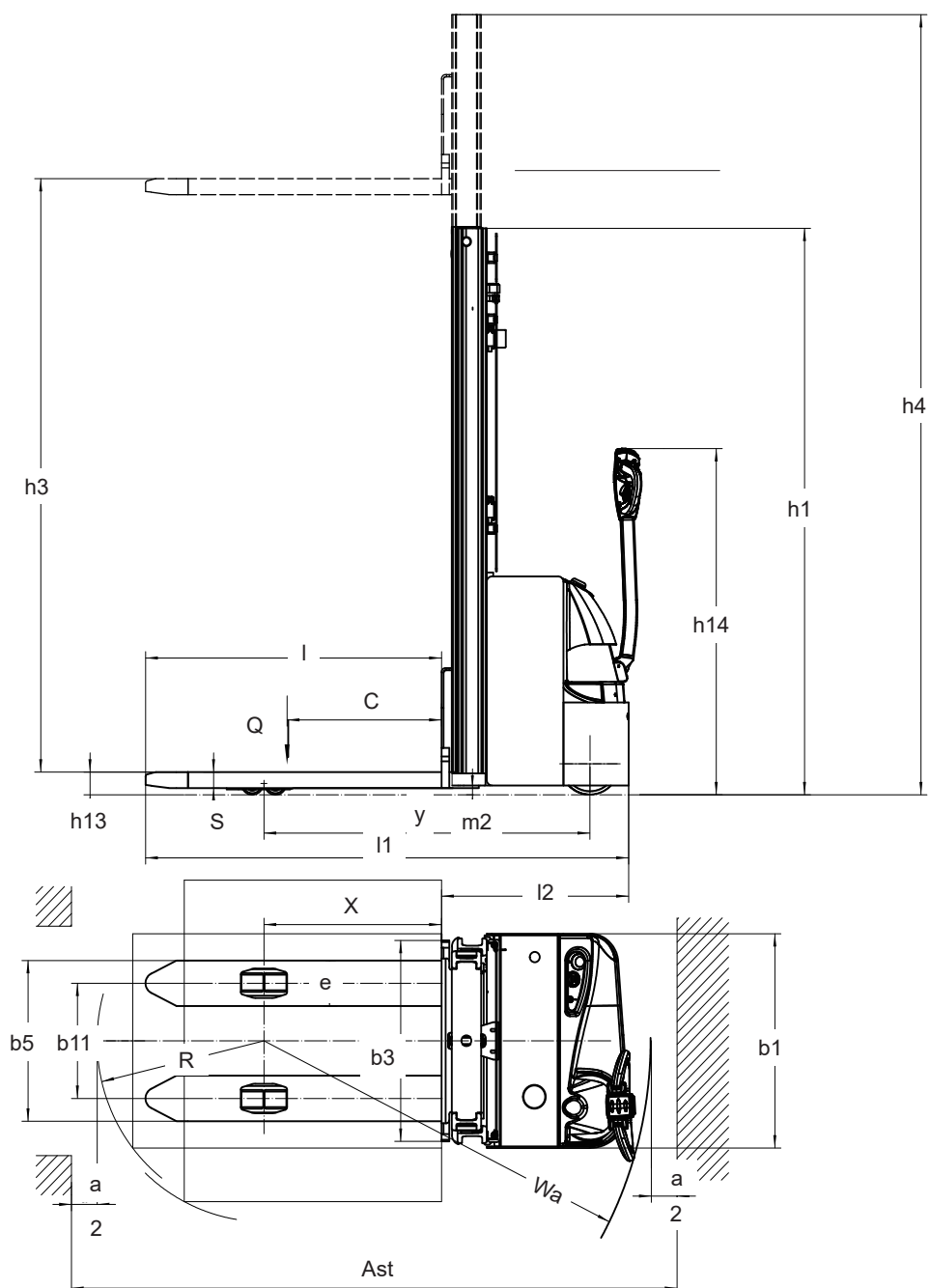
SWX12
SWX16

$$R = \sqrt{(l_6 - x)^2 + \left(\frac{b_{12}}{2}\right)^2}$$

$$R_h = \sqrt{x^2 + \left(\frac{b_{12}}{2}\right)^2}$$

$$A_{st} = W_a + R + \alpha \text{ if } R_h < W_a$$

$$A_{st} = R_h + R + \alpha \text{ if } R_h > W_a$$



For corresponding data see specification chart.

SPECIFICATIONS

acc. to VDI 2198

1.1 Manufacturer (Abbreviation)		CLARK	CLARK
Kennzeichen	1.2 Manufacturer's designation	SWX12	SWX16
	1.3 Drive	24 V, Electric	24 V, Electric
	1.4 Operator type	Pedestrian	Pedestrian
	1.5 Rated capacity / rated load Q (kg)	1200	1600
	1.6 Load centre distance c (mm)	600	600
	1.8 Load distance x (mm)	690	690
	1.9 Wheelbase y (mm)	1196	1261
Gewicht	2.1 Service weight (incl. lead-acid battery) kg	955	1070
	2.2 Axle loading laden front/rear (Li-Ion) kg	715/1440	780/1890
	2.3 Axle loading unladen front/rear (Li-Ion) kg	645/310	730/340
Räder, Fahrwerk	3.1 Tyres kg	Polyurethane	Polyurethane
	3.2 Tyre size, front	Ø 230 x 75	Ø 230 x 75
	3.3 Tyre size, rear	Ø 85 x 70	Ø 85 x 70
	3.4 Additional wheels (dimensions)	Ø 130 x 55	Ø 130 x 55
	3.5 Wheels, number front/rear (x = driven wheels)	1 x + 1 / 4	1 x + 1 / 4
	3.6 Tread, front b10 (mm)	538	538
	3.7 Tread, rear b11 (mm)	406	406
Grundabmessungen	4.2 Height upright lowered h1 (mm)	1970	1970
	4.4 Lift h3 (mm)	2915	2910
	4.4 Lift height h3 + h13 (mm)	3005	3000
	4.5 Height upright extended h7 (mm)	3425	3495
	4.9 Height tiller in driving position min. / max. h14 (mm)	715 / 1200	715 / 1200
	4.15 Height lowered h13 (mm)	90	90
	4.19 Overall length l1 (mm)	1864	1924
	4.20 Length to face of forks l2 (mm)	714	774
	4.21 Overall width b1 (mm)	814	800
	4.22 Fork dimensions s • e • l (mm)	60 x 170 x 1150	60 x 170 x 1150
	4.25 Distance between fork arms b5 (mm)	570	570
	4.32 Ground clearance, centre of wheelbase m2 (mm)	25	25
	4.33 Aisle width for pallets 1000 x 1200 sideways Ast (mm)	2323	2383
	4.34 Aisle width for pallets 800 x 1200 lengthways Ast (mm)	2296	2356
	4.35 Turning radius Wa (mm)	1446	1506
Leistungsdaten	5.1 Travel speed laden / unladen km / h	5 / 5,5	5 / 5,5
	5.2 Lift speed laden / unladen m / s	0,23 / 0,3	0,23 / 0,3
	5.3 Lowering speed laden / unladen %	0,4 / 0,36	0,4 / 0,36
	5.8 Max. gradeability laden / unladen * 1	8,0 / 16,0	8,0 / 16,0
	5.10 Service brake	Electric	Electric
Antrieb/Motor	6.1 Drive motor rating S2 60 min kW	1,6	1,6
	6.2 Lift motor rating at S3 15 % kW	4,5	4,5
	6.3 Battery acc. to DIN 43531/35/36 A, B, C, no	No	No
	6.4 Battery voltage/nominal capacity (Li-Ion) V / Ah	24 V / 100Ah	24 V / 225Ah (205 Ah)
	6.5 Battery weight (Li-Ion) kg	40	205 (142)
	6.6 Energy consumption acc. to VDI - cycle kWh / h	-	-
	- Battery type	Li-Ion	Lead-Acid
	8.1 Type of drive unit	AC	AC
Sonst	10.5 Steering design	Mechanical	Mechanical
	10.7 Sound pressure level at drivers' seat acc. EN 12053 dB(A)	74	74

* 1) At friction coefficient $\mu = 0.6$ with 1.6 km / h

All data refer to truck in standard design. All dimensions are subject to the usual tolerances. CLARK products and specifications are subject to change without notice. Illustrations and technical specifications are not binding for the execution.

PRODUCT DESCRIPTION

The CLARK SWX12/16 electric stacker truck is ideal for transporting and storing goods over short distances. With a maximum lifting height of 5500 mm, even higher shelves can be reached without any problems. Thanks to its compact dimensions, safe handling is possible even in narrow aisles. In addition, the standard proportional hydraulic control enables precise storage and retrieval of sensitive loads.

Available with lithium-ion battery (Li-Ion)

The SWX12 is available with a 100 Ah and the SWX16 with a 205 Ah lithium-ion battery. For these batteries a 24 V, 30 Ah charger (SWX12) and a 24 V, 100 Ah (SWX16) charger for Li-Ion batteries is used. Recharging the Li-Ion battery is possible at any 230 V socket. No high-voltage connection is required.

The advantages of Li-Ion technology are:

1. high availability due to short charging times
2. no battery change required
3. cost savings due to longer life cycle and freedom from maintenance compared to lead-acid batteries
4. no separate battery charging room and ventilation required, as no gases are produced

However, the SWX16 can also be conventionally equipped with a lead-acid battery.

Version with proportional stroke

The SWX12/16 is equipped with proportional lift so that delicate goods can be positioned precisely. This is particularly advantageous when the distance between two shelves is small.

Due to the proportional control of the SWX12/16, precise positioning of the load is effortless both when lifting and lowering.

User-friendly and safe in use

All controls and functions for lifting, lowering and driving are positioned within easy reach in the ergonomic tiller, which can be operated by both right-handed and left-handed operators.

The vehicle brakes automatically as soon as the driver releases the tiller. The tiller is long and low-set. This not only gives the operator sufficient safety distance from the vehicle, but also an optimal view of the forks.

FEATURES & EQUIPMENT EXTRAS



		SWX12	SWX16
General	Low-maintenance AC traction motor	•	•
	Proportional hydraulic system	•	•
	Protected lifting cylinders	•	•
	Stable 4-point support	•	•
	Easy to open engine cover for easy servicing	•	•
	Storage compartment on battery cover	•	•
Drive and batteries	Available with lead-acid battery (225 Ah)	—	•
	Available with lithium-ion battery (205 Ah)	—	X
	Available with lithium-ion battery (100 Ah)	•	—
	Tandem load roller (polyurethane)	•	•
	Battery discharge indicator	•	•
Safety	Activation via key switch	•	•
	Finger protection through plexiglass on lift mast	•	•
	Push button for driving with tiller in upright position	•	•
	Automatic stop on slopes (automatic parking brake)	•	•
	Ergonomic safety tiller	•	•

• = Standard Equipment

x = Option

— = Not available

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Dealer

Valid for Lot no.

SWX12: 8326

SWX16: 8318

08/2024