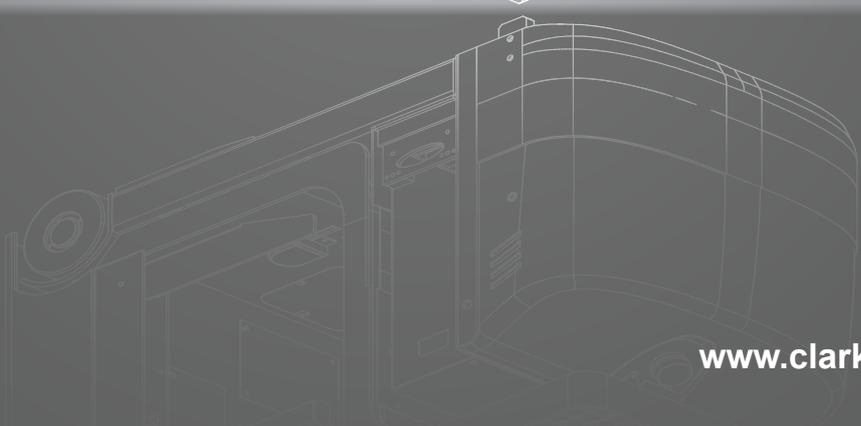
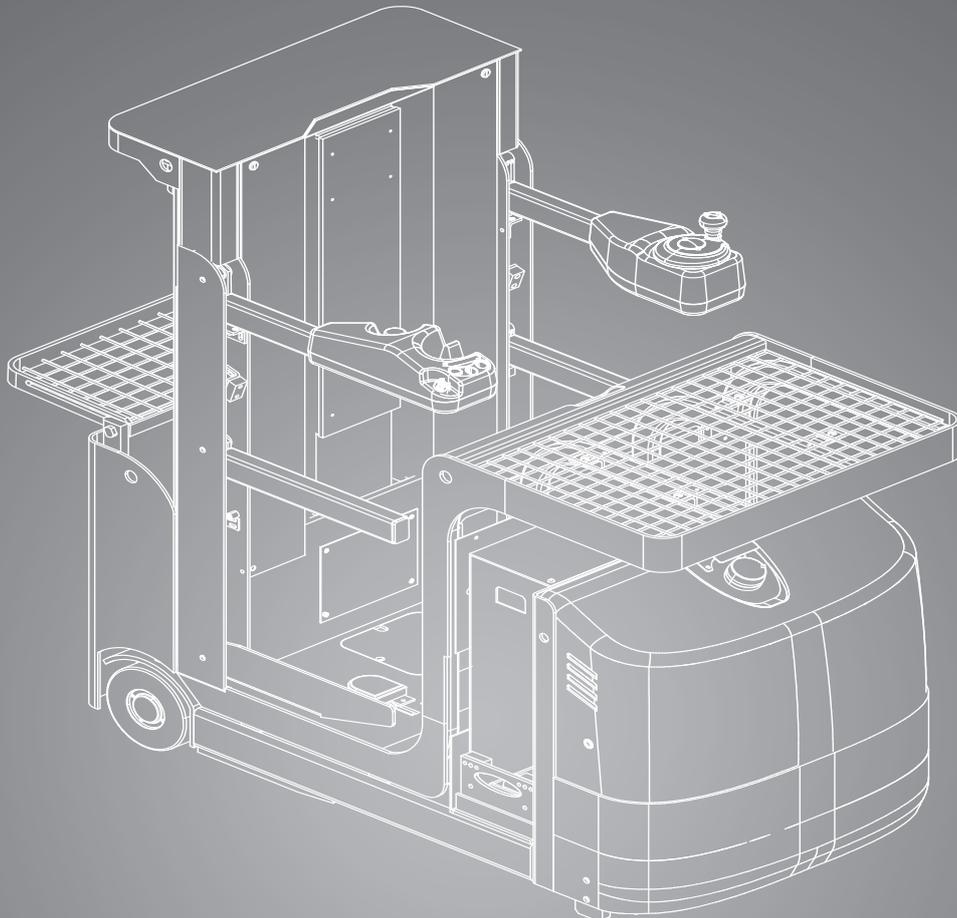


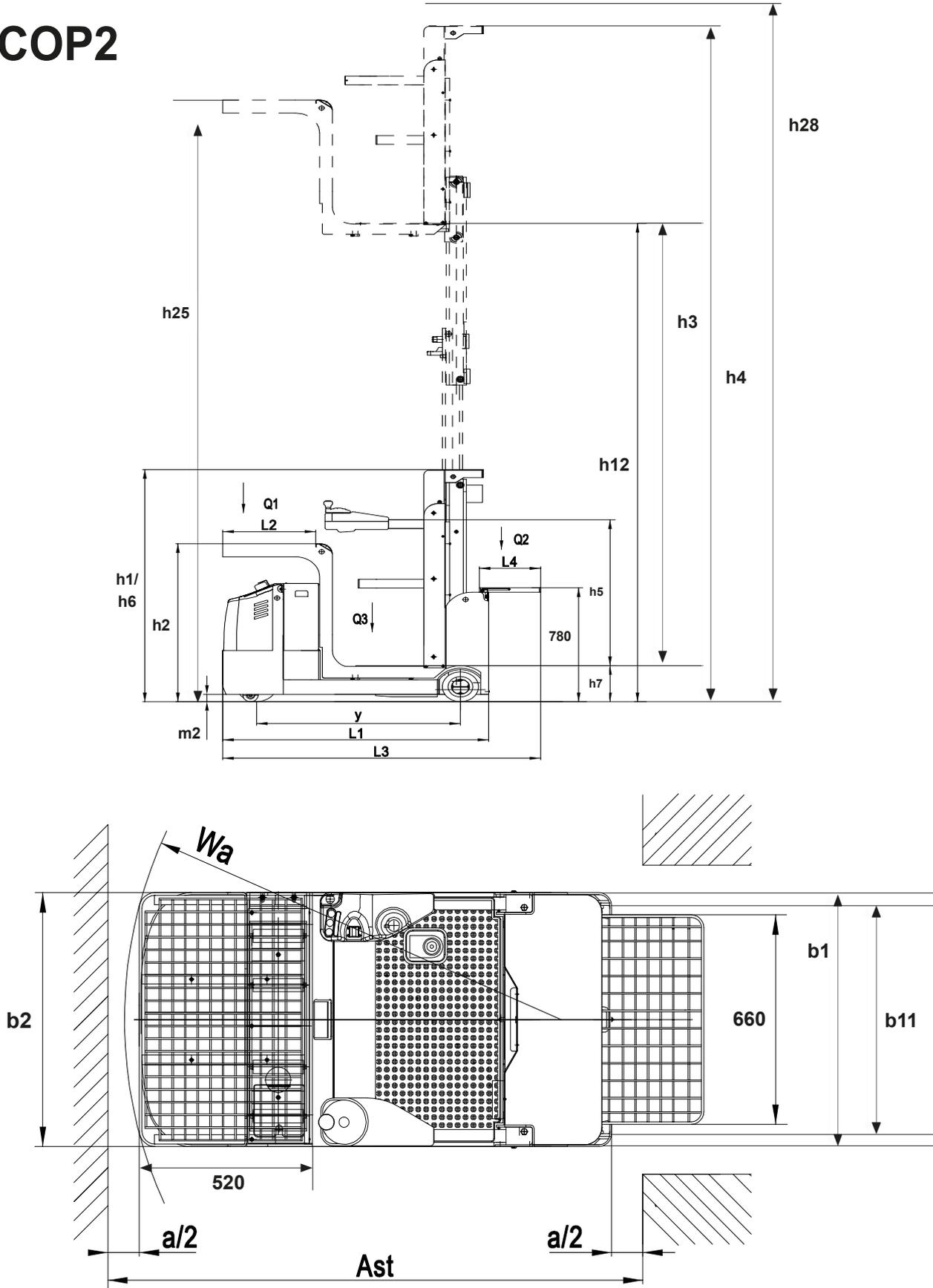
# COP2

Vertical order picker  
max. stand height, extended: 4880 mm



# DIMENSIONS

## COP2



For corresponding data see specification chart.

# SPECIFICATIONS acc. to VDI 2198

1.1 Manufacturer (Abbreviation)		CLARK	CLARK	CLARK	
Specifications	1.2 Manufacturer's designation	<b>COP2</b>	<b>COP2</b>	<b>COP2</b>	
	1.2a Type	COP2 - 3200	COP2 - 4100	COP2 - 4880	
	1.3 Drive	24 V, Electric	24 V, Electric	24 V, Electric	
	1.4 Operator type	Order Picker	Order Picker	Order Picker	
	1.5 Rated capacity / rated load	Q1 (kg)	227	227	227
		Q2 (kg)	137	137	137
		Q3 (kg)	136	136	136
	1.9 Wheelbase	y (mm)	1150	1150	1256
Weight	2.1 Service weight	kg	1160	1340	1530
	2.2 Axle loading laden front/rear	kg	680/980	740/1100	780/1220
	2.3 Axle loading unladen front/rear	kg	490/670	520/820	540/990
Tyres, Chassis	3.1 Tyres		Polyurethane	Polyurethane	Polyurethane
	3.2 Tyre size, front		Ø 230 x 75	Ø 230 x 75	Ø 230 x 75
	3.3 Tyre size, rear		Ø 204 x 76	Ø 204 x 76	Ø 204 x 76
	3.4 Additional wheels (dimensions)		Ø 74 x 48	Ø 74 x 48	Ø 74 x 48
	3.5 Wheels, number front/rear (x = driven wheels)		1 x + 2 / 2	1 x + 2 / 2	1 x + 2 / 2
	3.6 Tread, front	b10 (mm)	555	555	615
	3.7 Tread, rear	b11 (mm)	740	740	784
Dimensions	4.2 Height upright lowered	h1 (mm)	1590	2120	2120
	4.4 Lift	h3 (mm)	2950	3850	4630
	4.5 Height upright extended	h4 (mm)	4540	5970	6750
	4.7 Cabin height, lowered	h6 (mm)	1590	2120	2120
	4.8 Standing height, driver's cab, lowered	h7 (mm)	250	250	250
	4.14 Standing height, driver's cab, extended	h12 (mm)	3200	4100	4880
	4.14.1 Picking height (h12 + 1600 mm)	h28 (mm)	4800	5700	6480
	4.14.2 Height storage table, extended	h25 (mm)	4030	4930	5710
	4.19 Overall length	l1 (mm)	1500	1500	1610
	4.21 Overall width	b1 (mm)	800	800	876
4.32 Ground clearance, centre of wheelbase	m2 (mm)	50	50	50	
4.35 Turning radius	Wa (mm)	1385	1385	1450	
Performance	5.1 Travel speed laden / unladen	km / h	5,5 / 5,5	5,5 / 5,5	5,5 / 5,5
	5.2 Lift speed laden / unladen	m / s	0,17 / 0,21	0,17 / 0,21	0,17 / 0,21
	5.3 Lowering speed laden / unladen	%	0,35 / 0,26	0,35 / 0,26	0,35 / 0,26
	5.10 Service brake		Electromagnetic	Electromagnetic	Electromagnetic
Electrics	6.1 Drive motor rating S2 60 min	kW	1,7	1,7	1,7
	6.2 Lift motor rating at S3 15 %	kW	2,2	2,2	2,2
	6.4 Battery voltage/nominal capacity	V / Ah	24 V / 205 Ah	24 V / 205 Ah	24 V / 205 Ah
	6.5 Battery weight	kg	163	163	163
	6.6 Energy consumption acc. to VDI - cycle	kWh / h	-	-	-
	- Battery type		Li-Ion	Li-Ion	Li-Ion
	8.1 Type of drive unit		AC	AC	AC
10.5 Steering design		Electronic	Electronic	Electronic	
Misc.	10.7 Sound pressure level at drivers' seat acc. EN 12053	dB(A)	74	74	74

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.

# EQUIPMENT EXTRAS

The CLARK COP2 vertical order picker is ideal for manual order picking of goods. It is available in three versions, with the highest mast version offering a picking height of up to 6480 mm and an operator platform height of 4800 mm. The COP2 is a robust companion that enables safe handling even in narrow aisles thanks to its tight turning radius of just 1450 mm, compact dimensions and rounded edges.

## Lithium-ion battery as standard (Li-Ion)

The COP2 is equipped with a 205 Ah lithium-ion battery as standard. Two charging options are available depending on requirements:

- External charger (24 V, 100 A)
- Integrated charger (24 V, 27 A)

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

## User-friendly and safe operation

The display is clearly visible on the front panel and always shows the operator all important key information, such as battery capacity, speed, etc.

All controls and functions for lifting, lowering and driving are conveniently positioned on the right handle. Steering movements are made using the precise and sensitive rotary switch near the left handle.

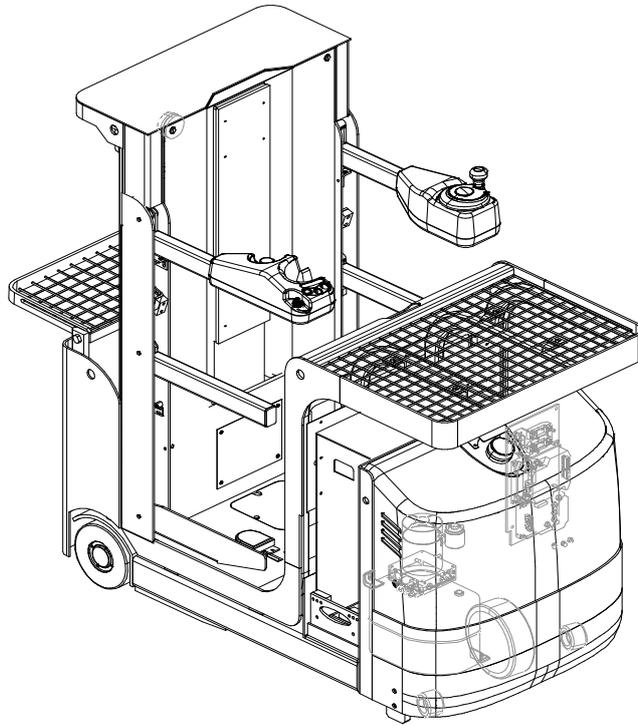
The COP2 automatically reduces the travelling speed to creep speed mode when the operator platform is raised. Actuating the dead man's switch while travelling or lifting, as well as pressing the emergency stop button in a hazardous situation, offer additional safety aspects.

## Safety

The CLARK COP2 is CE-certified and meets all European safety standards. Contact your local CLARK dealer to find the ideal model configuration for your specific needs.

# FEATURES & ADVANTAGES

## COP2



### Performance & Safety

- Powerful AC drive motor
- Compact design for safe handling in tight work areas
- Dead-man switch for operation
- Driving speed reduction when platform is lifted

### Reliability & Serviceability

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

### Comfort & Ergonomics

- The controls are positioned within easy reach
- Discharge indicator in a convenient position for viewing

