Order picking truck 1.2 ton

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O1-12
O1-12P









www.cesab-forklifts.eu

CESAB

Order picking truck

IDENTIFICATION				O1-12	O1-12P
1.1	Manufacturer			CESAB	CESAB
1.2	Model			O1-12	O1-12P
1.3	Drive			Electric	Electric
1.4	Operator type			Stand on	Stand on
1.5	Load capacity/rated load	Q	kg	1200	1200
1.6	Load centre	c	mm	600	600
1.8	Load distance, centre of support arm wheel to face of fork	x	mm	858*	858*
1.9	Wheelbase	y	mm	2129*	2129*
WEIGHT					
2.1	Service weight incuding battery		kg	970*	1100*
2.2	Axle load, with load, front/rear		kg	760*/1410*	830*/1470*
2.3	Axle load, without load, front/rear		kg	610*/360*	700*/400*
WHELLS					
3.1	Drive / castor / fork wheels			Polyurethane	Polyurethane
3.2	Wheel size, front (drive)		mm	Ø 230x82	Ø 230x82
3.3	Wheel size, rear		mm	Ø 85x74	Ø 85x74
3.4	Additional wheels, size (castor)		mm	Ø 150x78	Ø 150x78
3.5	Wheels, number front/rear (x= driven wheels)			1x + 1/4	1x + 1/4
3.6	Track width, front	b_{10}	mm	495	495
3.7	Track width, rear	b_{11}	mm	370*	370*
DIMENSIONS					
4.4	Lift	h_3	mm	715	715
	Lift height	h_{23}	mm	800	800
4.8	Stand height	h_7	mm	130	130/1195
4.9	Height of tiller in drive position	h_{14}	mm	TBD	TBD
4.15	Height, fork lowered	h_{13}	mm	85	85
4.19	Overall length	l_1	mm	2641*	2641*
4.20	Length to face of forks	l_2	mm	1489*	1489*
4.21	Overall width	b_1	mm	790	790
4.22	Fork dimensions	s/e/l	mm	70/180/1150*	70/180/1150*
4.25	Width over forks	b_5	mm	550*	550*
4.32	Ground clearance, center of wheelbase	m_2	mm	22	22
4.34.2	Aisle width for pallets 800 × 1200	A_{st}	mm	3094*	3094*
4.35	Turning radius	W_a	mm	2368*	2368*
	Clear width driver compartment entrance	l_{24}	mm	458	420
PERFORMANCE DATA					
5.1	Travel speed, with/without load, forward		km/h	7*/12	7*/12
	Travel speed, with/without load, backwards		km/h	6/10,5	6/10,5
5.2	Lift speed, with /without load		m/s	0,03/ 0,05	0,05/ 0,07
5.3	Lowering speed, with/without load		m/s	0,07/ 0,03	0,15/ 0,04
5.8	Max. gradeability, with/without load		%	5/5	5/5
5.9	Acceleration time (over 10 m) (without/ with load)		s	4,5/5,9	4,5/5,9
5.10	Service brake			Electromagnetic	Electromagnetic

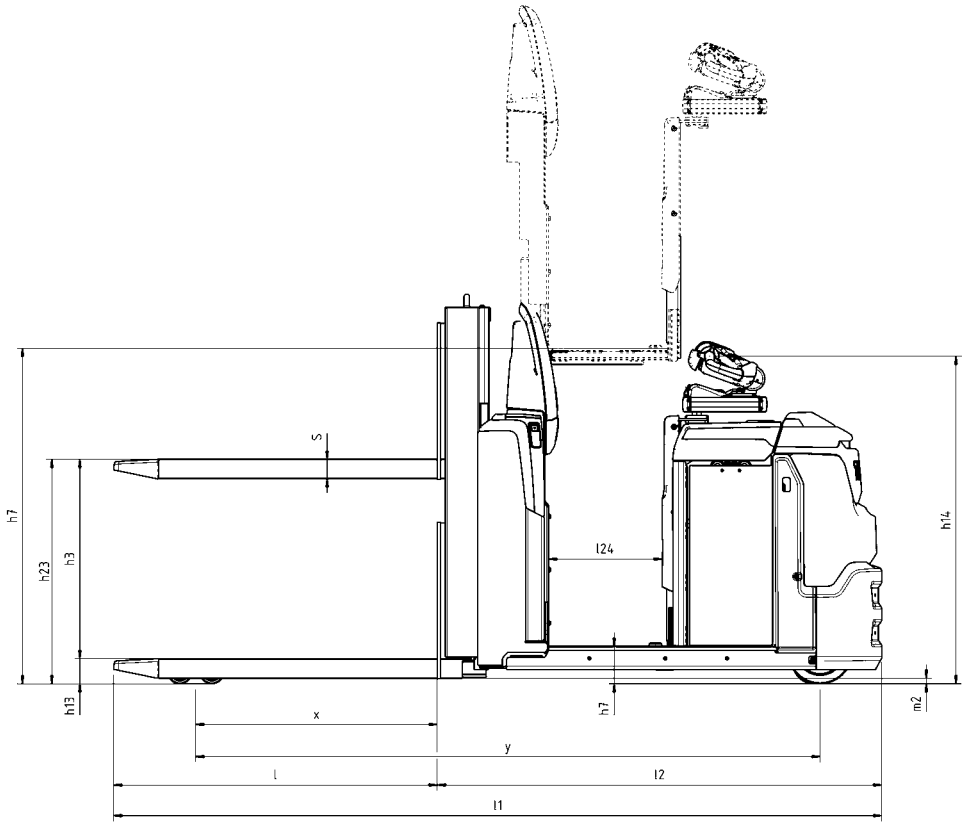
**) Further alternatives are available and will produce other values. Data is based on a configuration with Fork length 1150mm, Fork width 550mm, Small battery compartment, Lead acid battery.*

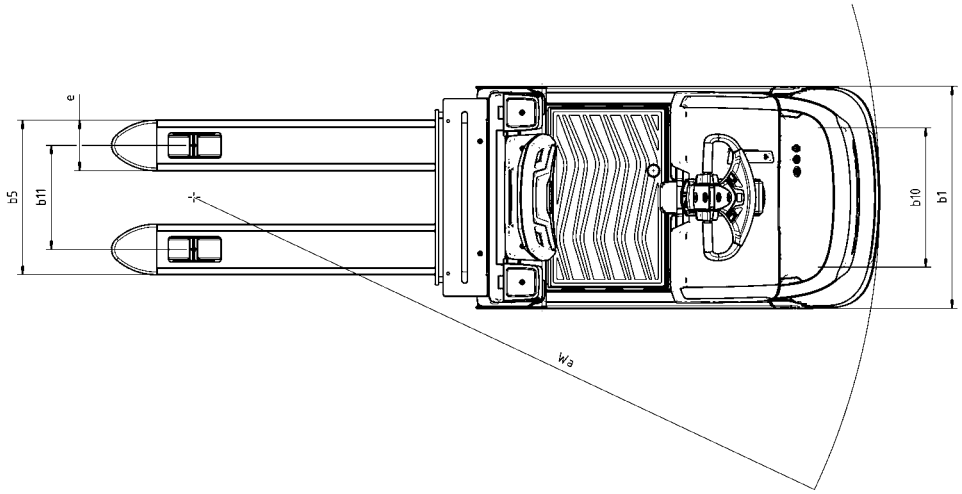
All data are based on table configuration. Other configurations may give other values.
Truck performance and dimensions are nominal and subject to tolerances.
CESAB products and specifications are subject to change without notice.

ELECTRIC MOTOR				
6.1	Drive motor rating (S2)	kW	2,8	2,8
6.2	Lift motor rating (S3 7%)	kW	2,0	2,0
6.4	Battery voltage, nominal capacity K_5	V/Ah	24/300*	24/300*
6.5	Battery weight (min/max)	kg	190/285*	190/285*
6.6	Energy consumption acc to EN16796	kWh/h	TBD	0,30
6.7	Turnover output	t/h	TBD	108
6.8	Energy consumption at turnover output	kWh/h	TBD	1,24
OTHER				
8.1	Type of drive control		Variable AC	Variable AC
10.7	Sound level at the driver's ear according to EN12053	dB(A)	TBD	TBD

Dimensional drawings

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Truck features

- High performance models
- Ergonomic picking height with lifting forks
- E-man steering concept
- Low step-in
- Wide operator space
- Multiple storage compartments
- Platform lift model
- Integrated warning lights (option)
- Integrated daytime running lights (option)
- Walkie buttons (option)
- Vibration damped floor (option)
- E-bar option for easy access to picking devices
- Easy battery access
- Wide battery range with Lead-Acid and Li-Ion

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