

Order picking truck 1.8 - 2.0 ton

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O1-20X
O1-18XP



Order picking truck

IDENTIFICATION				O1-20X	O1-18XP
1.1	Manufacturer			CESAB	CESAB
1.2	Model			O1-20X	O1-18XP
1.3	Drive			Electric	Electric
1.4	Operator type			Stand on	Stand on
1.5	Load capacity/rated load	Q	kg	2000*	1800
1.6	Load centre	c	mm	1200	1200
1.8	Load distance, centre of support arm wheel to face of fork (raised/lowered forks)	x	mm	1295*/1485*	1295*/1485*
1.9	Wheelbase (raised/lowered forks)	y	mm	2590*/2778*	2590*/2778*
WEIGHT					
2.1	Service weight including battery		kg	1080*	1210*
2.2	Axle load, with load, front/rear		kg	900*/2180*	940*/2070*
2.3	Axle load, without load, front/rear		kg	700*/380*	760*/450*
WHEELS					
3.1	Drive/caster/fork wheel			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 wheel size(caster)		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	710	710
	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	90	90
4.19	Overall length		l ₁ mm	3867*	3867*
4.20	Length to face of forks		l ₂ mm	1517*	1517*
4.21	Overall width		b ₁ mm	790	790
4.22	Fork dimensions		s/e/l mm	70/180/2350*	70/180/2350*
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	4213*	4213*
4.35	Turning radius		W _a mm	2927*	2927*
	Clear width driver compartment entrance		l ₂₄ mm	458	420
PERFORMANCE DATA					
5.1	Travel speed, with/without load forward		km/h	7/10,5	7/10,5
	Travel speed, with/without load, backwards		km/h	6/10,5	6/10,5
5.2	Lift speed, with /without load		m/s	0,07/ 0,09	0,07/ 0,09
5.3	Lowering speed, with/without load		m/s	0,12/ 0,1	0,12/ 0,1
5.8	Max. gradeability, with/without load		%	5/5	5/5
5.9	Acceleration time (over 10 m) (without/ with load)		s	4,4/6,4	4,4/6,4
5.10	Service brake			Electromagnetic	Electromagnetic

*) Further alternatives are available and will produce other values. Data is based on a configuration with Fork length 2350mm, 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

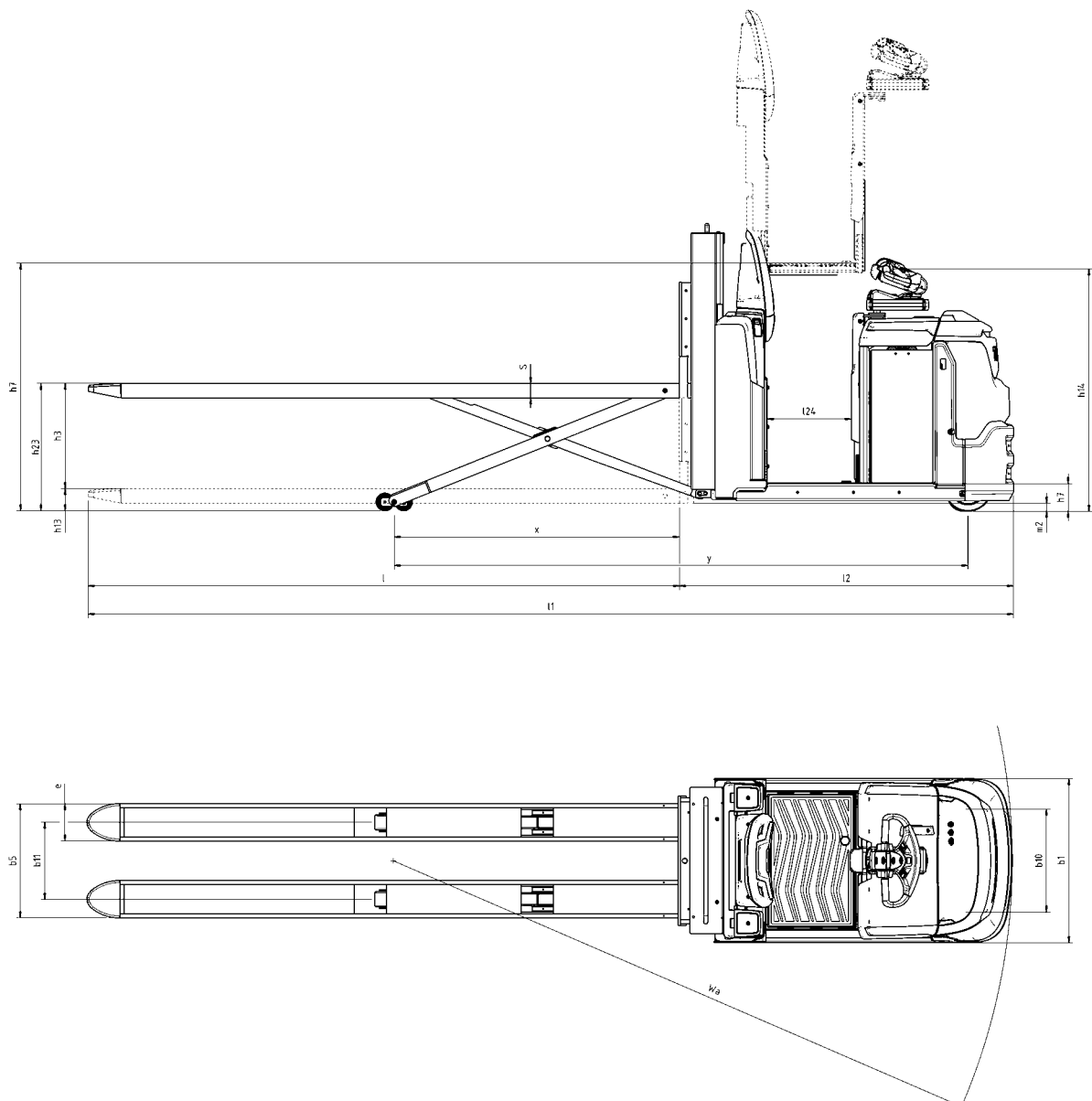
6.1	Drive motor rating (S2)	kW	2,8	2,8
6.2	Lift motor rating (S3 7%)	kW	2,0	2,0
6.4	Battery voltage, nominal capacity K_s	V/Ah	24/300*	24/300*
6.5	Battery weight (min/max)	kg	190/285*	190/285*
6.6	Energy consumption acc to EN16796	kWh/h	0,42	TBD
6.7	Turnover output	t/h	244	TBD
6.8	Energy consumption at turnover output	kWh/h	1,24	TBD

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

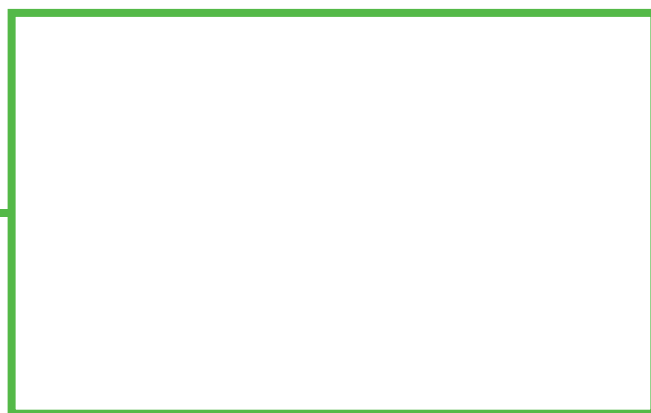
Dimensional drawings

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Truck features

- High performance models
- Ergonomic picking height with lifting forks
- Optimized stability with scissor lift
- 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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