

BUILT FOR IT.™



**EP14ANT
EP16ACNT
EP18ACNT
EP16ANT
EP18ANT
EP20ANT**

**EP16ACN
EP18ACN
EP16AN
EP18AN
EP20AN**

POWERFULLY AGILE

PRELIMINARY SPECIFICATIONS

ELECTRIC POWERED LIFT TRUCKS 48V, 1.4 - 2.0 TONNES



TUNED IN TO THE DRIVER

WITH ADVANCED FEATURES THAT MAKE DRIVING AND LOAD HANDLING EASIER, STEADIER, SAFER AND MORE COMFORTABLE, DRIVERS FEEL THE MACHINE IS TOTALLY IN TUNE WITH THEM, SO THEY ARE HAPPY, CONFIDENT AND HIGHLY PRODUCTIVE.



360° steering option gives greater agility in turning. This allows the truck to turn and move in the opposite direction (180°) without stopping, and avoids destabilising the load.



Responsive Drive System (RDS) reacts instantly to changes in the speed of foot and pedal movement meaning all actions are smoothly controlled, including cornering behaviour, stops and starts.



Load-sensing hydraulic system automatically adjusts to the weight being handled, to maintain precise control. Passive sway control keeps the automatic parking brake open so mast sway energy is absorbed by the mass of the whole truck. All masts and low-friction side-shift minimise sway, twisting and noise.



The adjustable seat and steering column assure a perfect driving position for drivers of all sizes. Forward, downward and side views are excellent due to a specially designed free lift cylinder structure where hoses and chains are positioned to minimise obstacles to vision. Ergonomic controls include an adjustable armrest, with inbuilt fingertip levers, and a set of low-fatigue pedals.

LOWER COST OF OWNERSHIP

- Efficient motors with high RPM range give better precision in acceleration control, create more torque at low speeds and reduce energy consumption.
- Fully electronic magnetic brakes require less servicing and offer greater energy efficiency.
- Robust construction and sealed components reduce maintenance needs.
- Durable hose and hydraulic cylinder sealing specification withstands high temperature range, weathering and physical wear.
- Fast battery compartment access speeds up servicing and exchanges.
- Easy-to-read multi-function colour display encourages correct use and maintenance of truck.
- Modular design simplifies addition or replacement of parts, including overhead guard and cabin options.

UNMATCHED PRODUCTIVITY

- Responsive Drive System (RDS) adapts performance rapidly in reaction to speed of pedal operation, and ensures all movements, stops and starts are smooth.
- Variable steering ratio and steering force are continuously optimised for different travel speeds.
- Advanced curve control co-ordinates the two front-wheel drive motors and rear steer axle motor to optimise turning speed, stabilise fast sideways movements of the counterweight, and prevent tilting when straightening after high-speed turns.
- Dual drive '4-wheel steering' with a +100° rear turning axle provides smooth and agile manoeuvring, including instant side turns with no need to push back.
- 360° steering option enables fluid turning without stopping to change direction.
- Load-sensing hydraulic system automatically adjusts to the weight being handled, to maintain precise control.
- Simultaneous hydraulic functions are electronically compensated (when using fingertip controls) to keep their behaviour consistent whatever the load weight.
- Passive sway control keeps automatic parking brake open during lifts, so mast sway energy can be absorbed by chassis.
- As standard, truck acceleration and hydraulic performance is automatically limited at lifts from 3.5 metres for steady, controlled handling. As an option, this feature can be set to activate at lifts above 2 metres.
- High-specification masts and low-friction side-shift minimise sway, twisting and noise.
- Pre-set ECO and PRO modes can be selected for different drivers and tasks, or customised settings can be applied by service engineers.

SAFETY AND ERGONOMICS

- Extended seat and steering column adjustability assures a comfortable driving position, and enables good vision with no need to lean forward.
- Spacious operator compartment offers comfort and easy access features for drivers of all sizes.
- Inclined and narrow dashboard, one-spoke steering wheel and optimised free lift cylinder structure maximise forward, downward and side visibility.
- Spring-force-optimised fingertip hydraulic controls on adjustable armrest ensure ergonomically perfect hand positioning, anatomical support and free movement.
- Pedal design, position and angles reduce fatigue for drivers of any height or foot size.
- Steering knob automatically returns to convenient 8 o'clock position when truck drives straight, even if the wheel has been overturned.
- Low-noise gearbox improves conditions for drivers and their colleagues.
- Presence Detection System+ includes automatic parking brake, hill hold and – if operator is not seated – prevention of travel and hydraulic movement.



STANDARD EQUIPMENT AND OPTIONS

	3 WHEEL 48V						4 WHEEL 48V				
	EP14ANT	EP16ACNT	EP18ACNT	EP16ANT	EP18ANT	EP20ANT	EP16ACN	EP18ACN	EP16AN	EP18AN	EP20AN
3- and 4- Wheel chassis, 48 Volts, front wheel drive	●	●	●	●	●	●	●	●	●	●	●
Trucktool setup and diagnostics	●	●	●	●	●	●	●	●	●	●	●
Operator selectable economy or high performance modes ECO/PRO	●	●	●	●	●	●	●	●	●	●	●
Variable speed control on all hydraulic functions	●	●	●	●	●	●	●	●	●	●	●
Multifunctional colour display (Hour meter, BDI,...)	●	●	●	●	●	●	●	●	●	●	●
Lift tilt interlock and hydraulic and drive interlock / PDS	●	●	●	●	●	●	●	●	●	●	●
Tiltable steering column	●	●	●	●	●	●	●	●	●	●	●
Full electrical brakes	●	●	●	●	●	●	●	●	●	●	●
SST (Seat Switch Timeout: all functions are disabled – truck enters 'stop mode' and park brake is automatically applied)	●	●	●	●	●	●	●	●	●	●	●
Curve control	●	●	●	●	●	●	●	●	●	●	●
Basic Overhead Guard	●	●	●	●	●	●	●	●	●	●	●
Simplex, Duplex or Triplex masts, from 3m to 7m	○	○	○	○	○	○	○	○	○	○	○
Forks 900mm - 2000mm	○	○	○	○	○	○	○	○	○	○	○
Load Backrest	●	●	●	●	●	●	●	●	●	●	●
Passive sway control for mast at high lifts	●	●	●	●	●	●	●	●	●	●	●
Battery compartment side door and opening battery hood cover	●	●	●	●	●	●	●	●	●	●	●
Rapid sideway battery exchange chassis (SWE)	○	○	○	○	○	○	○	○	○	○	○
Chassis-integrated roller bed (FOR BATTERY SWE)	○	○	○	○	○	○	○	○	○	○	○
Basic overhead guard	●	●	●	●	●	●	●	●	●	●	●
Narrow Overhead guard for drive in racking	○	○	○	○	○	○	○	○	○	○	○
Special (RAL) colour for frame	○	○	○	○	○	○	○	○	○	○	○
Automated reversing light	●	●	●	●	●	●	●	●	●	●	●
Automatic light switch	○	○	○	○	○	○	○	○	○	○	○
Amber strobe light	○	○	○	○	○	○	○	○	○	○	○
Electronic back-up smart alarm	○	○	○	○	○	○	○	○	○	○	○
"Blue Point" safety light, located rear and/or front	○	○	○	○	○	○	○	○	○	○	○
LED working lights, 2 front and 1 rear	●	●	●	●	●	●	●	●	●	●	●
Road light kit	○	○	○	○	○	○	○	○	○	○	○
Automatic tilt centering via the F2 button on fingertip controller	○	○	○	○	○	○	○	○	○	○	○
Tilt centering second function. Two pcs. of angle memories	○	○	○	○	○	○	○	○	○	○	○
Sideshifter W920mm	○	○	○	○	○	○	○	○	○	○	○
Integrated Sideshifter W920mm	○	○	○	○	○	○	○	○	○	○	○
Integrated Fork Positioner with sideshift	○	○	○	○	○	○	○	○	○	○	○
Load weight indicator, in 50kg increments	○	○	○	○	○	○	○	○	○	○	○
3 valve hydraulic fingertip control mounted on adjustable armrest	●	●	●	●	●	●	●	●	●	●	●
Manual lever hydraulic control	○	○	○	○	○	○	○	○	○	○	○
4th & 5th hydraulic options	○	○	○	○	○	○	○	○	○	○	○



Standard



Option

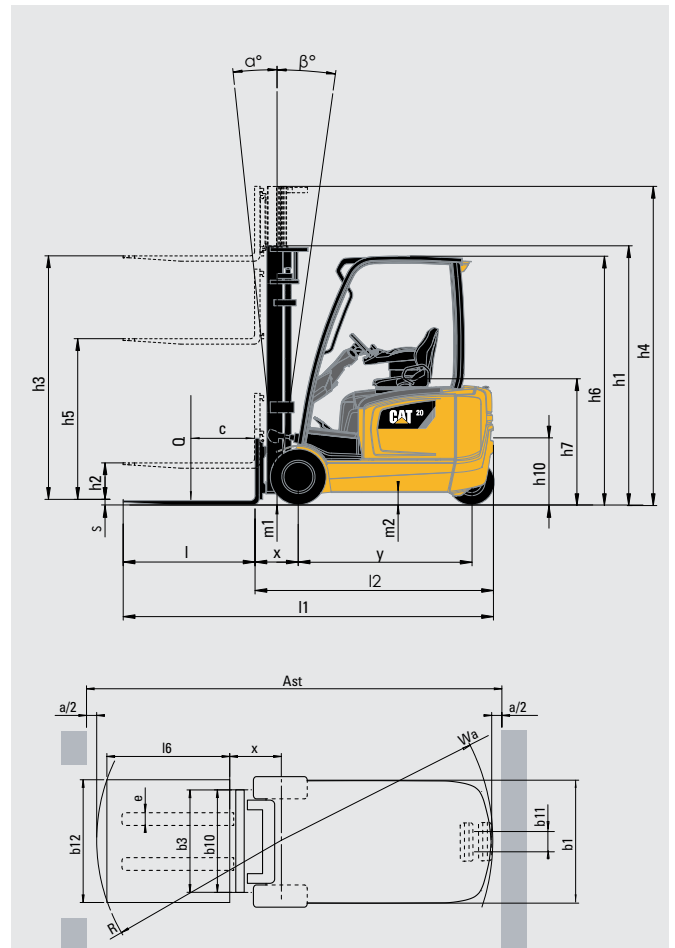
STANDARD EQUIPMENT AND OPTIONS CONTINUED

	3 WHEEL 48V						4 WHEEL 48V				
	EP14ANT	EP16ACNT	EP18ACNT	EP16ANT	EP18ANT	EP20ANT	EP16ACN	EP18ACN	EP16AN	EP18AN	EP20AN
Hot area hydraulic oil, VG46	○	○	○	○	○	○	○	○	○	○	○
Cold area hydraulic oil, VG15	○	○	○	○	○	○	○	○	○	○	○
Hydraulic oil food grade	○	○	○	○	○	○	○	○	○	○	○
Bio grade oil	○	○	○	○	○	○	○	○	○	○	○
Hydraulic accumulator for smoother load handling on rough surfaces	○	○	○	○	○	○	○	○	○	○	○
240V Power supply for accessories	○	○	○	○	○	○	○	○	○	○	○
Pin code access	○	○	○	○	○	○	○	○	○	○	○
Armrest direction control	●	●	●	●	●	●	●	●	●	●	●
Forward-reverse direction selection lever on steering column	○	○	○	○	○	○	○	○	○	○	○
5V USB connector output 2x 2.5A (max. 4.4A)	○	○	○	○	○	○	○	○	○	○	○
Dual pedal system - forward and reverse	○	○	○	○	○	○	○	○	○	○	○
Operator presence pedal	○	○	○	○	○	○	○	○	○	○	○
Performance reduction from 2m to 3.5m mast (above standard)	○	○	○	○	○	○	○	○	○	○	○
Grammer MSG65 vinyl with seat belt switch	●	●	●	●	●	●	●	●	●	●	●
Grammer MSG65 or MSG75 with options vinyl / cloth / heater / backrest extension / Armrest (MSG65)	○	○	○	○	○	○	○	○	○	○	○
Swivel seat	○	○	○	○	○	○	○	○	○	○	○
Solid pneumatic tyres	●	●	●	●	●	●	●	●	●	●	●
Solid non-marking tyres	○	○	○	○	○	○	○	○	○	○	○
Panel cabin: Front screen with wiper + roof with crane opening	○	○	○	○	○	○	○	○	○	○	○
Panel cabin: Economy. Front screen without wiper, plexi roof cover	○	○	○	○	○	○	○	○	○	○	○
Panel cabin steel doors	○	○	○	○	○	○	○	○	○	○	○
Panel cabin rear screen	○	○	○	○	○	○	○	○	○	○	○
Plexi roof cover	○	○	○	○	○	○	○	○	○	○	○
PVC doors	○	○	○	○	○	○	○	○	○	○	○
Interior package, including radio with speakers, roof lining, reading light.	○	○	○	○	○	○	○	○	○	○	○
Deluxe cabin, including wind screen with wiper, roof, rear, steel doors, heater and interior lining.	○	○	○	○	○	○	○	○	○	○	○
Heater for cabin	○	○	○	○	○	○	○	○	○	○	○
Rear view mirror, Basic / Outside / Wide view	○	○	○	○	○	○	○	○	○	○	○
List bracket - A4	○	○	○	○	○	○	○	○	○	○	○
Powder fire extinguisher	○	○	○	○	○	○	○	○	○	○	○
Sun visor	○	○	○	○	○	○	○	○	○	○	○
Accessory rack	○	○	○	○	○	○	○	○	○	○	○
RAM-Mounts dummy, D-Serie	○	○	○	○	○	○	○	○	○	○	○
RAM-Mounts computer rack, C-serie	○	○	○	○	○	○	○	○	○	○	○
RAM-Mounts scanner rack, C-serie	○	○	○	○	○	○	○	○	○	○	○
Storage plastic locker	○	○	○	○	○	○	○	○	○	○	○
Cold store option, (to -35C)	○	○	○	○	○	○	○	○	○	○	○

● Standard ○ Option

Characteristics		
1.1	Manufacturer (abbreviation)	
1.2	Manufacturer's model designation	
1.3	Power source: (battery, diesel, LP gas, petrol)	
1.4	Operator type: pedestrian, (operator)-standing, -seated	
1.5	Load capacity	Q (kg)
1.6	Load centre distance	c (mm)
1.8	Load distance, axle to fork face	x (mm)
1.9	Wheelbase	y (mm)
Weight		
2.1	Truck weight, without load / including battery (simplex mast, lowest lift height)	kg
2.2	Axle loading with maximum load, front/rear (simplex mast, lowest lift height)	kg
2.3	Axle loading without load, front/rear (simplex mast, lowest lift height)	kg
Wheels, Drive Train		
3.1	Tyres: V=solid, L=pneumatic, SE=solid pneumatic - front/rear	
3.2	Tyre dimensions, front	pcm/ (mm)
3.3	Tyre dimensions, rear	
3.5	Number of wheels, front/rear (x=driven)	
3.6	Track width (centre of tyres), front	b10 (mm)
3.7	Track width (centre of tyres), rear	b11 (mm)
Dimensions		
4.1	Mast tilt, forwards/backwards	α/β °
4.2	Height with mast lowered (see tables)	h1 (mm)
4.3	Free lift (see tables)	h2 (mm)
4.4	Lift height (see tables)	h3 (mm)
4.5	Overall height with mast raised	h4 (mm)
4.7	Height to top of overhead guard	h6 (mm)
4.8	Seat height	h7 (mm)
4.12	Tow coupling height	h10 (mm)
4.19	Overall length	l1 (mm)
4.20	Length to fork face (includes fork thickness)	l2 (mm)
4.21	Overall width	b1/b2 (mm)
4.22	Fork dimensions (thickness, width, length)	s / e / l (mm)
4.23	Fork carriage to DIN 15 173 A/B/no	
4.24	Fork carriage width	b3 (mm)
4.31	Ground clearance under mast, with load	m1 (mm)
4.32	Ground clearance at centre of wheelbase, with load (forks lowered)	m2 (mm)
4.33	Working aisle width with 1000 x1200 mm pallets, crosswise	Ast (mm)
4.34	Working aisle width with 800 x1200 mm pallets, lengthwise	Ast (mm)
4.35	Turning circle radius	Va (mm)
4.36	Minimum distance between centres of rotation	b13 (mm)
Performance		
5.1	Travel speed, with/without load	km/h
5.2	Lifting speed, with/without load	m/s
5.3	Lowering speed, with/without load	m/s
5.5	Rated drawbar pull, with/without load	N
5.6	Maximum drawbar pull, with/without load (5 min short duty)	N
5.7	Gradeability, with/without load	%
5.8	Maximum gradeability, with/without load	%
5.9	Acceleration time (10 metres) with/without load	s
5.10	Service brakes (mechanical/hydraulic/electric/pneumatic)	
Electric Motors		
6.1	Drive motor capacity (60 min. short duty)	kW
6.2	Lift motor output at 15% duty factor	kW
6.3	Battery to DIN 43 531/35/36 A/B/C/no	
6.4	Battery voltage/min- max capacity	V/Ah
6.5	Battery weight	kg
6.6	Energy consumption according to EN 16796	kWh/h
Miscellaneous		
8.1	Type of drive control	
8.2	Maximum operating pressure for attachments	bar
8.3	Oil flow for attachments	l/min
8.4	Noise level, value at operator's ear (EN 12053)	dB(A)
8.5	Towing coupling design / DIN type, ref.	

Cat Lift Trucks	Cat Lift Trucks	Cat Lift Trucks	Cat Lift Trucks	Cat Lift Trucks	Cat Lift Trucks
EP14ANT	EP16ACNT	EP18ACNT	EP16ANT	EP18ANT	EP20ANT
Electric	Electric	Electric	Electric	Electric	Electric
Seated	Seated	Seated	Seated	Seated	Seated
1400	1600	1800	1600	1800	2000
500	500	500	500	500	500
343	343	343	343	343	358
1320	1320	1320	1428	1428	1428
2790	2966	3156	2949	3119	3342
3688/502	4015/551	4351/605	4020/529	4333/586	4711/631
1394/1396	1393/1573	1401/1754	1476/1474	1471/1649	1509/1833
SE	SE	SE	SE	SE	SE
18x7-8	18x7-8	18x7-8	18x7-8	18x7-8	200/50-10
140/55-9	140/55-9	140/55-9	140/55-9	140/55-9	140/55-9
2 x / 2	2 x / 2	2 x / 2	2 x / 2	2 x / 2	2 x / 2
930	930	930	930	930	938
174	174	174	174	174	174
5/7.5	5/7.5	5/7.5	5/7.5	5/7.5	5/7.5
2125	2125	2125	2125	2125	2125
80	80	80	80	80	80
3290	3290	3290	3290	3290	3290
4335	4335	4335	4335	4335	4335
2050	2050	2050	2050	2050	2050
1035	1035	1035	1035	1035	1035
540	540	540	540	540	540
2996	2996	2996	3104	3104	3119
1846	1846	1846	1954	1954	1969
1090	1090	1090	1090	1090	1140
35x100x1150	35x100x1150	35x100x1150	35x100x1150	35x100x1150	35x100x1150
2A	2A	2A	2A	2A	2A
920	920	920	920	920	920
95	95	95	95	95	95
95	95	95	95	95	95
3173	3173	3173	3281	3281	3295
3296	3296	3296	3404	3404	3419
1502	1502	1502	1610	1610	1610
0	0	0	0	0	0
16/16	16/16	16/16	16/16	16/16	16/16
0,55/0,62	0,52/0,62	0,46/0,62	0,52/0,62	0,46/0,62	0,42/0,62
0,56/0,56	0,56/0,56	0,56/0,56	0,56/0,56	0,56/0,56	0,56/0,56
4900/5200	4900/5200	4800/5100	4900/5200	4800/5100	4700/5100
15000/15300	14900/15200	14900/15200	14900/15200	14900/15200	14800/15200
16/26	15/25	13/23	15/25	13/23	12/21
27/35	27/35	26/35	27/35	26/35	24/35
4,0/3,8	4,1/3,8	4,2/3,8	4,1/3,8	4,2/3,8	4,3/3,9
electric	electric	electric	electric	electric	electric
2x5,5	2x5,5	2x5,5	2x5,5	2x5,5	2x5,5
10	10	10	10	10	10
DIN 43531 A/no	DIN 43531 A/no	DIN 43531 A/no	DIN 43531 A/no	DIN 43531 A/no	DIN 43531 A/no
500-625	500-625	500-625	625-750	625-750	625-750
679	679	679	812	812	812
	4,5				5,1
AC	AC	AC	AC	AC	AC
210	210	210	210	210	210
30	30	30	30	30	30
65	65	65	65	65	65
DIN15170-H	DIN15170-H	DIN15170-H	DIN15170-H	DIN15170-H	DIN15170-H



$$Ast = Wa + R + a$$

Ast = Working aisle width

Wa = Turning radius

a = Safety clearance = 2 x 100 mm

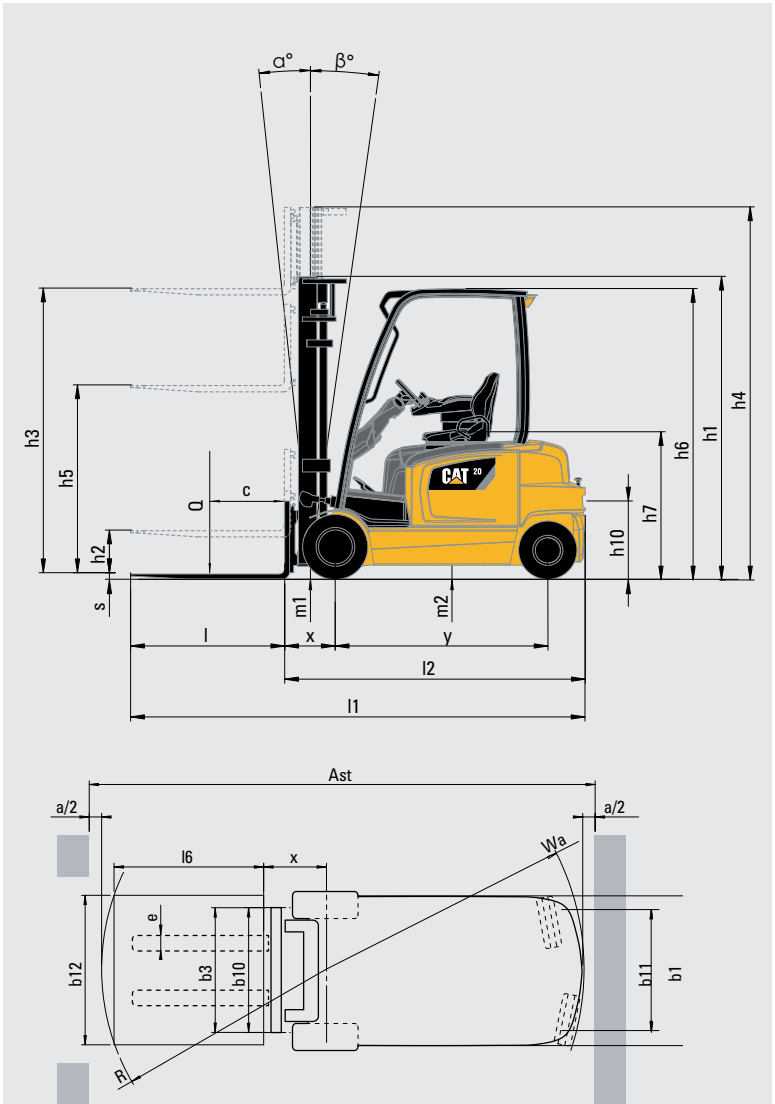
$$R = \sqrt{(l6 + x)^2 + (b12 / 2)^2}$$

l6 = Pallet length (800 or 1000 mm)

b12 = Pallet width (1200 mm)

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Cat Lift Trucks	Cat Lift Trucks	Cat Lift Trucks	Cat Lift Trucks	Cat Lift Trucks
EP16ACN	EP18ACN	EP16AN	EP18AN	EP20AN
Electric	Electric	Electric	Electric	Electric
Seated	Seated	Seated	Seated	Seated
1600	1800	1600	1800	2000
500	500	500	500	500
343	343	343	343	358
1394	1394	1502	1502	1502
2944	3114	2957	3097	3287
3990/554	4311/603	4008/550	4295/603	4668/620
1422/1522	1422/1692	1510/1448	1484/1613	1525/1762
SE	SE	SE	SE	SE
18x7-8	18x7-8	18x7-8	18x7-8	200/50-10
16x6-8	16x6-8	16x6-8	16x6-8	16x6-8
2 x / 2	2 x / 2	2 x / 2	2 x / 2	2 x / 2
930	930	930	930	938
898	898	898	898	898
5/7.5	5/7.5	5/7.5	5/7.5	5/7.5
2125	2125	2125	2125	2125
80	80	80	80	80
3290	3290	3290	3290	3290
4335	4335	4335	4335	4335
2050	2050	2050	2050	2050
1035	1035	1035	1035	1035
520	520	520	520	520
3152	3152	3260	3260	3275
2002	2002	2110	2110	2125
1090	1090	1090	1090	1140
35x100x1150	35x100x1150	35x100x1150	35x100x1150	35x100x1150
2A	2A	2A	2A	2A
920	920	920	920	920
95	95	95	95	95
95	95	95	95	95
3333	3333	3441	3441	3455
3456	3456	3564	3564	3579
1662	1662	1770	1770	1770
0	0	0	0	0
17/17	17/17	17/17	17/17	17/17
0,52/0,62	0,46/0,62	0,52/0,62	0,46/0,62	0,42/0,62
0,56/0,56	0,56/0,56	0,56/0,56	0,56/0,56	0,56/0,56
4900/5200	4800/5100	4900/5200	4800/5100	4700/5100
14900/15200	14900/15200	15000/15300	14900/15200	14800/15200
15/25	14/23	15/26	14/23	12/21
27/35	26/35	27/35	26/35	24/35
4,1/3,8	4,2/3,8	4,0/3,8	4,2/3,8	3,9/4,4
electric	electric	electric	electric	electric
2x5,5	2x5,5	2x5,5	2x5,5	2x5,5
10	10	10	10	10
DIN 43531 A/no	DIN 43531 A/no	DIN 43531 A/no	DIN 43531 A/no	DIN 43531 A/no
500-625	500-625	625-750	625-750	625-750
679	679	679	812	812
				5,1
AC	AC	AC	AC	AC
210	210	210	210	210
30	30	30	30	30
65	65	65	65	65
DIN15170-H	DIN15170-H	DIN15170-H	DIN15170-H	DIN15170-H



					STD	CABIN
Mast Type	h3+s mm	h1 mm	h4 mm	h2/h5 mm	tilt angle (fwd-rev) degrees	tilt angle (fwd-rev) degrees
Simplex	2000	1480*	3045	80	5 / 6	-
	2560	1760*	3605	80	5 / 6	5 / 5
	2760	1860*	3805	80	5 / 7.5	5 / 6
	3000	1980*	4045	80	5 / 7.5	5 / 6
	3290	2125	4335	80	5 / 7.5	5 / 7.5
	3530	2245	4575	80	5 / 7.5	5 / 7.5
	3720	2385	4765	80	5 / 7.5	5 / 7.5
	4090	2570	5135	80	5 / 7.5	5 / 7.5
	4480	2775	5525	80	5 / 5	5 / 5
	5000	3035	6045	80	5 / 5	5 / 5
	5500	3285	6545	80	5 / 3.5	5 / 3.5
	6000	3535	7045	80	5 / 3.5	5 / 3.5
Duplex	2800	1880*	3845	835	5 / 6	5 / 6
	3000	1980*	4045	935	5 / 6	5 / 6
	3295	2125	4340	1080	5 / 6	5 / 6
	3515	2245	4560	1200	5 / 6	5 / 6
	3700	2385	4745	1340	5 / 6	5 / 6
	4030	2570	5075	1525	5 / 6	5 / 6
Triplex	3710	1780*	4755	735	5 / 6	5 / 3.5
	4010	1880*	5055	835	5 / 6	5 / 3.5
	4310	1980*	5355	935	5 / 6	5 / 5
	4750	2125	5795	1080	5 / 6	5 / 5
	5090	2245	6135	1200	5 / 3.5	5 / 3.5
	5490	2385	6535	1340	5 / 3.5	5 / 3.5
	5990	2570	7035	1525	5 / 3.5	5 / 3.5
	6490	2830	7535	1785	5 / 3.5	5 / 3.5
	7000	3035	8045	1990	5 / 3.5	5 / 3.5

* Lower than overheadguard

EP14ANT	EP16ACNT	EP18ACNT	EP16ANT	EP18ANT	EP20ANT
Q @ c = 500mm kg	Q @ c = 500mm kg	Q @ c = 500mm kg	Q @ c = 500mm kg	Q @ c = 500mm kg	Q @ c = 500mm kg
1400	1600	1800	1600	1800	2000
1400	1600	1800	1600	1800	2000
1400	1600	1800	1600	1800	2000
1400	1600	1800	1600	1800	2000
1400	1600	1800	1600	1800	2000
1400	1600	1800	1600	1800	2000
1400	1600	1800	1600	1800	2000
1400	1600	1800	1600	1800	2000
1400	1600	1800	1600	1800	2000
1350					
1300					
1250					
1200					
1400	1600	1800	1600	1800	2000
1400	1600	1800	1600	1800	2000
1400	1600	1800	1600	1800	2000
1400	1600	1800	1600	1800	2000
1400	1600	1800	1600	1800	2000
1350	1550	1750	1550	1775	1975
1400	1600	1800	1600	1800	2000
1400	1600	1800	1600	1800	2000
1350	1600	1750	1600		
1300	1600	1700	1550		
1275	1450	1650	1550		
1225	1400	1650	1500		
1175	1350	1600	1400	1525	1725
1125	1350	1350	1350	1400	1650
1100	1150	1100	1100	1100	1350

EP16ACN	EP18ACN	EP16AN	EP18AN	EP20AN
Q @ c = 500mm kg	Q @ c = 500mm kg	Q @ c = 500mm kg	Q @ c = 500mm kg	Q @ c = 500mm kg
1600	1800	1600	1800	2000
1600	1800	1600	1800	2000
1600	1800	1600	1800	2000
1600	1800	1600	1800	2000
1600	1800	1600	1800	2000
1600	1800	1600	1800	2000
1600	1800	1600	1800	2000
1600	1800	1600	1800	2000
1600	1800	1600	1800	2000
		1600	1800	2000
		1600		1950
		1550		1875
		1500		1825
1600	1800	1600	1800	2000
1600	1800	1600	1800	2000
1600	1800	1600	1800	2000
1600	1800	1600	1800	2000
1600	1800	1600	1800	2000
1600	1800	1600	1800	2000
1600	1800	1600	1800	2000
1600	1800	1600	1800	2000
	1750	1600	1800	2000
	1700	1600		1925
	1650	1550		1900
	1600	1450		1800
	1400	1450		1600
	1100	1200		1300

Mast Performance and Capacity

- h1 Height with mast lowered
- h2 Standard free lift
- h3 Lift height
- h4 Height with mast raised
- h5 Full free lift
- Q Lifting capacity, rated load
- c Load centre (distance)

Battery Dimensions

Battery voltage	V
Capacity at a 5-hour discharge	Ah
Battery weight, Min.	kg
Battery weight, Max.	kg
Battery box dimensions	
Length	mm
Width	mm
Height	mm
Battery compartment size	
Length	mm
Width	mm
Height	mm

* With battery exchange rolls

EP14ANT	EP16ACNT	EP18ACNT	EP16ANT	EP18ANT	EP20ANT
48	48	48	48	48	48
500 / 625	500 / 625	500 / 625	625 / 750	625 / 750	625 / 750
679 / 812	679 / 812	679 / 812	812 / 900	812 / 900	812 / 900
1000 / 1000	1000 / 1000	1000 / 1000	1060 / 1060	1060 / 1060	1060 / 1060
522	522	522	630	630	630
830 / 1006	830 / 1006	830 / 1006	830 / 1006	830 / 1006	830 / 1006
627	627	627	627	627	627
532	532	532	640	640	640
850 / 1018	850 / 1018	850 / 1018	850 / 1018	850 / 1018	850 / 1018
690 / 660*	690 / 660*	690 / 660*	690 / 660*	690 / 660*	690 / 660*

EP16ACN	EP18ACN	EP16AN	EP18AN	EP20AN
48	48	48	48	48
500 / 625	500 / 625	625 / 750	625 / 750	625 / 750
679 / 812	679 / 812	812 / 900	812 / 900	812 / 900
1000 / 1000	1000 / 1000	1060 / 1060	1060 / 1060	1060 / 1060
522	522	630	630	630
830 / 1006	830 / 1006	830 / 1006	830 / 1006	830 / 1006
627	627	627	627	627
532	532	640	640	640
850 / 1018	850 / 1018	850 / 1018	850 / 1018	850 / 1018
690 / 660*	690 / 660*	690 / 660*	690 / 660*	690 / 660*

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