

# A<sup>SC</sup>

## SERIES

Specifically designed  
for indoor handling

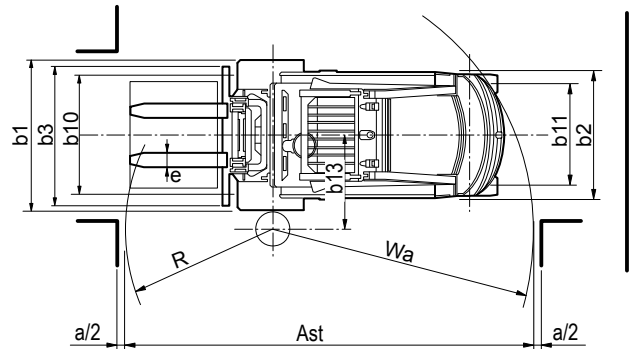
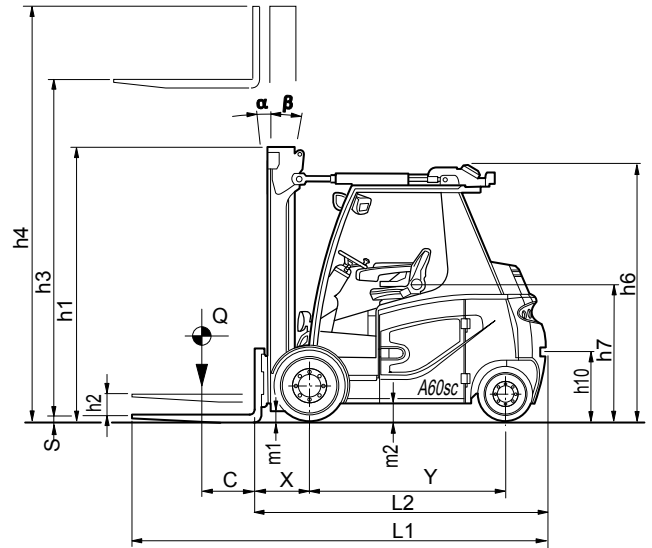
**Ideal in confined spaces**



**A 55 SC**  
**A 60 SC**  
**A 70 SC**  
**A 80 SC**

## MAIN FEATURES

- Capacity / Centre of gravity:  
5,500 - 6,000 - 7,000 - 8,000 kg / 600 mm
- Voltage: 96 V
- Tyres: cushion
- 2 AC front drive motors integrated in front axle for fast manoeuvring in tight spaces
- Automatic parking brake
- Electric dynamic braking
- Travel speed: 14 km/h
- Lifting speed: 0.3 m/s
- Battery: 96 V
  - Pb: maximum capacity 860 Ah
  - Li-Ion: maximum capacity 600 Ah
- Advanced multifunction display (AMD)
- Automatic rear camera
- High tilt cylinders
- Automatic speed reduction when cornering
- Side battery extraction system



## THE BENEFITS OF CHOOSING CARER

The ASC series forklifts are extremely compact (narrow and short) and ideal for indoor handling in particularly cramped areas.



The vehicle guarantees the operator maximum comfort with its spacious seat and an integrated armrest with mini levers and control buttons

The steering wheel is tiltable and height-adjustable. The driving position provides excellent visibility in all directions. The access to the forklift is eased by a non-slip step and a large handle. The mast is designed to achieve the widest horizon of visibility.

The laminated profiles and the six bearings ensure resistance to bending and twisting in every application.

The tilting cylinders, integrated into the roof structure, increase load stability and residual capacity.

All the forklift functions are operated by advanced electronic inverters that control the two AC traction motors and the lifting process, both with high efficiency and low maintenance needs.

Side battery extraction is quick and easy.



### Optional



Joystick, radio, heating, air conditioning, electronic key access, weight indicator system, front camera and many other accessories.

		C.A.R.E.R. Srl					
			<b>A55SC</b>	<b>A60SC</b>	<b>A70SC</b>	<b>A80SC</b>	
FEATURES	1.1	Manufacturer					
	1.2	Manufacturer's type designation		<b>A55SC</b>	<b>A60SC</b>	<b>A70SC</b>	<b>A80SC</b>
	1.3	Drive		electric	electric	electric	electric
	1.4	Operator type		seat	seat	seat	seat
	1.5	Load capacity/rated load	<b>Q</b> (t)	5.5	6	7	8
	1.6	Load center distance	<b>C</b> (mm)	600	600	600	600
	1.8	Load distance	<b>X</b> (mm)	600 (1) (2)	600 (1) (2)	600 (1) (2)	620 (1) (2)
	1.9	Wheelbase	<b>Y</b> (mm)	1780	1780	1930	2085
	WEIGHTS	2.1	Weight	(kg)	9783	10233	10995
2.2		Axle loading, laden front / rear	(kg)	13714 / 1569	14597 / 1636	16197 / 1798	18060 / 1770
2.3		Axle loading, unladen front / rear	(kg)	4510 / 5273	4550 / 5683	4840 / 6155	5380 / 6450
WHEELS	3.1	Tires type		CHS	CHS	CHS	CHS
	3.2	Tire size, front		711x305x559	711x305x559	711x356x559	711x406x559
	3.3	Tire size, rear		559x203x406	559x229x406	559x229x406	559x254x406
	3.5	Wheels, number front rear (x = driven wheels)		2X/2	2X/2	2X/2	2X/2
	3.6	Track width, front	<b>b10</b> (mm)	1015	1064	1064	1120
	3.7	Track width, rear	<b>b11</b> (mm)	1050	1030	1030	1050
	DIMENSIONS	4.1	Tilt of mast / fork carriage forward / backward	<b>α/β</b> (°)	5/8(2)	5/8(2)	5/8(2)
4.2		Closed mast height	<b>h1</b> (mm)	2525	2525	2680	2800
4.3		Free lift	<b>h2</b> (mm)	100	100	100	100
4.4		Lift (standard mast)	<b>h3</b> (mm)	3400	3400	3400	3400
4.5		Height, mast extended	<b>h4</b> (mm)	4250	4250	4520	4650
4.7		Height of overhead guard	<b>h6</b> (mm)	2460	2460	2460	2460
4.8		Seat height	<b>h7</b> (mm)	1360	1360	1360	1360
4.12		Coupling height	<b>h10</b> (mm)	430	430	430	430
4.19		Overall length	<b>L1</b> (mm)	4000	4000	4150	4320
4.20		Length to face of forks	<b>L2</b> (mm)	2800	2800	2950	3120
4.21		Overall width	<b>b1/b2</b> (mm)	1320	1320	1420	1520
4.22		Fork dimensions	<b>exsL</b> (mm)	150x50x1200	150x60x1200	150x60x1200	150x60x1200
4.23		Fork carriage iso 2328/30, FEM/A,B		4A	4A	4A	4A
4.24		Fork-carriage width	<b>b3</b> (mm)	1200	1200	1300	1300
4.31		Ground clearance, laden, below mast	<b>m1</b> (mm)	150	150	150	150
4.32		Ground clearance, center of wheelbase	<b>m2</b> (mm)	170	170	170	170
4.33	Aisle width for pallets 1000x1200 crossways	<b>Ast</b> (mm)	4300	4310	4465	4620	
4.34	Aisle width for pallets 800x1200 lengthways	<b>Ast</b> (mm)	4500	4510	4665	4820	
4.35	Turning radius	<b>Wa</b> (mm)	2500	2500	2655	2800	
4.36	Internal turning radius	<b>b13</b> (mm)	850	850	880	940	
PERFORMANCE	5.1	Travel speed, laden / unladen	(km/h)	14 / 14	14 / 14	14 / 14	14 / 14
	5.2	Lift speed, laden / unladen	(m/s)	0.21 / 0.3	0.21 / 0.3	0.2 / 0.31	0.2 / 0.3
	5.3	Lowering speed, laden / unladen	(m/s)	0.41 / 0.39	0.41 / 0.39	0.48 / 0.38	0.5 / 0.4
	5.5	Drawbar pull, laden / unladen (S2 60')	(N)	7400 / 8100	7200 / 8000	6900 / 7800	6600 / 7700
	5.6	Max. drawbar pull, laden / unladen (S2 5')	(N)	27300 / 28100	27100 / 27900	26800 / 27800	26500 / 27600
	5.7	Gradeability, laden / unladen (S2 30')	(%)	8.3 / 13.8	7.5 / 12.7	6.6 / 11.7	5.9 / 10.7
	5.8	Max. gradeability, laden / unladen (S2 5')	(%)	16.6 / 25	15.5 / 22	13.7 / 21	12 / 20
	5.9	Acceleration time, laden / unladen (10 m)	(s)	5 / 4.5	5.2 / 4.5	4.8 / 4.7	4.8 / 4.7
	5.10	Service brake: mech./hydr./electr.		hydraulic/electric	hydraulic/electric	hydraulic/electric	hydraulic/electric
	MOTOR / BATT.	6.1	Drive motor rating (S2 60')	(kW)	2x13.5	2x13.5	2x13.5
6.2		Lift motor rating (S3 20%)	(kW)	30	30	30	30
6.4		Battery voltage	<b>U</b> (V)	96	96	96	96
6.4.1		Rated capacity	<b>K5</b> (Ah)	620 / 640 TENSOR / 688 IRONCLAD	620 / 640 TENSOR / 688 IRONCLAD	775 / 840 TENSOR / 860 IRONCLAD	930 / 990 TENSOR / 1032 IRONCLAD
6.5		Battery weight minimum/maximum	(kg)	1700 / 1900	1700 / 1900	2200 / 2400	2650 / 2800
OTHERS	8.1	Type of drive control		inverter	inverter	inverter	inverter
	8.2	Operating pressure for attachments	(bar)	200	200	200	200
	8.4	Sound level at the driver's ear	(dBA)	-	-	-	-

(1) With side-shift integrated in the mast.

(2) Depending on kind of mast.

Wheels tyre legend: SE super elastic - SEGEM super elastic twins - CHS cushion - PN pneumatic - VLK vulkolan; for tires NO MARKING - OIL RESISTANT, please contact CARER.

The performance data refer to a forklift truck in perfect working condition, with battery weight corresponding to the values given in 6.5.

In accordance with VDI Guideline 2198 this specification sheet provides details of the standard truck only. Non-standard tyres, different masts, optional equipment, etc. may result in different values.

The CARER products and specifications are subject to change without notice.



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