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ELECTRIC FORKLIFT TRUCK
SERIES N 08-10

CAPACITY 800 - 1.000 KG
CENTER OF GRAVITY 500MM
VOLTAGE 48V

THE FIRST FORKLIFT
IN THE WORLD WITH
ELECTRIC
POWER STEERING.
WITH A COMFORTABLE
DRIVING POSITION,
IT IS SMALL,
HANDY AND POWERFUL.

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Electric Forklift Trucks

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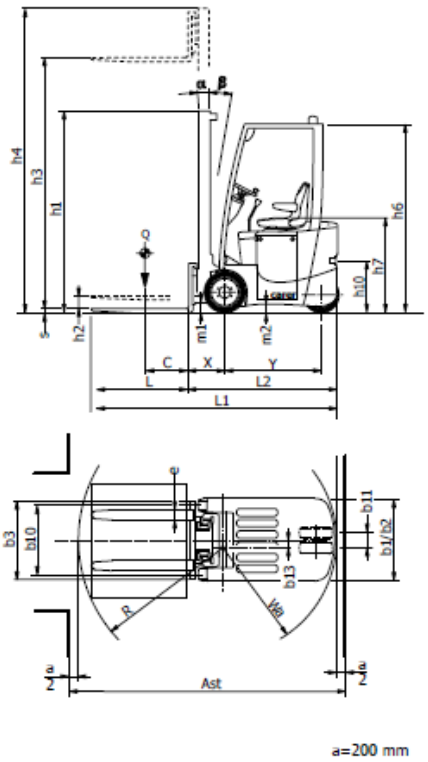
MAIN FEATURES

LOAD CAPACITY Kg 800 - 1000
CENTER OF GRAVITY 500mm
VOLTAGE 48V
WIDTH 850 mm
TYRES SE – C
REAR TWIN TYRES
2 FRONT TRACTION MOTORS
FULL AC
MULTIFUNCTION DISPLAY
ELECTRIC STEERING
ELECTRO HYDRAULIC BRAKE
BATTERY 48V – Maximum capacity375Ah



rev 2.0

The benefits of choosing CARER

Really compact forklift width 85cm, voltage 48V, 2 ac traction motors, electric steering, rear twin superelastic tyres are some of the features that make the series N08-10 the most advanced in the industry
The compact dimensions and the two front traction powerfull motors allow you to operate in confined spaces inside containers or wagons, and to work on ramps even in low-grip conditions.
The new technology used for the electric steering system allows to automatically reduce the speed on a bend, to adjust the sensitivity of the steering wheel and to optimize the energy consumption.
The comfortable driving position, the high visibility masts and the proper display position, that it shows all the functions and the diagnostics of the forklift, allow the driver to have always under control all the features taking care of the load and also to adjust the seat position to the specific needs of every operator.
The advanced AC motors and electronic system without maintenance, are protected against dust and water infiltration.
The battery with capacity up to 375 Ah and the energy regeneration system allow to guarantee long working time and to reduce the recharging intervals.
A wide range of accessories allows you to customize the forklift to the specific handling requirements.

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IDENTIFICATION	1.1	Manufacturer			C.A.R.E.R. Srl	
	1.2	Manufacturer's type designation			**N08**	**N10**
	1.3	Drive			electric	electric
	1.4	Operator type			seat	seat
	1.5	Load capacity/rated load	**Q**	(t)	0,8	1
	1.6	Load centre distance	**C**	(mm)	500	500
	1.8	Load distance	**X**	(mm)	365 (1) (2)	365 (1) (2)
	1.9	Wheelbase	**Y**	(mm)	1000	1000
WEIGHTS	2.1	Weight		(kg)	2400	2600
	2.2	Axle loading, laden front / rear		(kg)	2800 / 400	3200 / 400
	2.3	Axle loading, unladen front / rear		(kg)	1310 / 1090	1340 / 1260
WHEELS	3.1	Tyres type			C-SE	C-SE
	3.2	Tyre size, front			413x152 16x6-8	413x152 16x6-8
	3.3	Tyre size, rear			375x110 15x4½-8	375x110 15x4½-8
	3.5	Wheels, number front rear (x = driven wheels)			2X/2	2X/2
	3.6	Track width, front	**b10**	(mm)	698 698	698 698
	3.7	Track width, rear	**b11**	(mm)	160 160	160
DIMENSIONS	4.1	Tilt of mast / fork carriage forward / backward	**α/β**	(°)	5/5(2)	5/5(2)
	4.2	Closed mast height	**h1**	(mm)	2190	2190
	4.3	Free lift	**h2**	(mm)	0	0
	4.4	Lift (standard mast)	**h3**	(mm)	3200	3200
	4.5	Height, mast extended	**h4**	(mm)	3790	3790
	4.7	Height of overhead guard	**h6**	(mm)	1975	1975
	4.8	Seat height	**h7**	(mm)	980	980
	4.12	Coupling height	**h10**	(mm)	440	440
	4.19	Overall length	**L1**	(mm)	2535	2535
	4.20	Length to face of forks	**L2**	(mm)	1535	1535
	4.21	Overall width	**b1/b2**	(mm)	850 850	850 850
	4.22	Fork dimensions	**exsxL**	(mm)	100x35x1000	100x35x1000
	4.23	Fork carriage iso 2328/30, FEM/A,B			2A	2A
	4.24	Fork-carriage width	**b3**	(mm)	800	800
	4.31	Ground clearance, laden, below mast	**m1**	(mm)	50	50
	4.32	Ground clearance, centre of wheelbase	**m2**	(mm)	75	75
	4.33	Aisle width for pallets 1000x1200 crossways	**Ast**	(mm)	2840	2840
	4.34	Aisle width for pallets 800x1200 lengthways	**Ast**	(mm)	2960	2960
	4.35	Turning radius	**Wa**	(mm)	1150	1150
	4.36	Internal turning radius	**b13**	(mm)	0	0
PERFORMANCE	5.1	Travel speed, laden / unladen		(km/h)	12/13	11/12
	5.2	Lift speed, laden / unladen		(m/s)	0,3/0,4	0,28/0,4
	5.3	Lowering speed, laden / unladen		(m/s)	0,5/0,4	0,5/0,4
	5.5	Drawbar pull, laden / unladen (S2 60')		(N)	1100 / 1250	1000 / 1150
	5.6	Max. drawbar pull, laden / unladen (S2 5')		(N)	3400 / 3550	3300 / 3450
	5.7	Gradeability, laden / unladen (S2 30')		(%)	6 / 9	5 / 8
	5.8	Max. gradeability, laden / unladen (S2 5')		(%)	12 / 17	10 / 15
	5.9	Acceleration time, laden / unladen (10 m)		(s)	5,5 / 5	6 / 5,5
	5.10	Service brake: mech./hydr./electr.			hydraulic/electric	hydraulic/electric
MOTOR / BATT.	6.1	Drive motor rating (S2 60')		(kW)	2x2,2	2x2,2
	6.2	Lift motor rating (S3 20%)		(kW)	5,5	5,5
	6.4	Battery voltage	**U**	(V)	48	48
	6.4.1	Rated capacity	**K5**	(Ah)	315 / 375	315 / 375
	6.5	Battery weight minimum/maximum		(kg)	560 / 600	560 / 600
OTHERS	8.1	Type of drive control			inverter	inverter
	8.2	Operating pressure for attachments		(bar)	180	180
	8.4	Sound level at the driver's ear		(dBA)	-	-

VDI 2198

Rev00 06/12/2013

(1)With side-shifter integrated in the mast

(2)Depending on kind of mast

Wheels tyre legend: SE super elastic - SEGEM super elastic twins - C cushion - L pneumatic - VLK vulkolan

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 C.A.R.E.R. products and specifications are subject to change without notice

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