

ELECTRIC FORKLIFT TRUCK SERIES Z 60-65-70-80 H

CAPACITY 6.000-6.500-7.000-8.000 Kg

CENTER OF GRAVITY 600mm

VOLTAGE 96V

HIGH PERFORMANCES

LONG AUTONOMY

EXTREME COMPACTNESS

WITH A REALLY SHORT

TURNING RADIUS

HIGH DRIVING POSITION



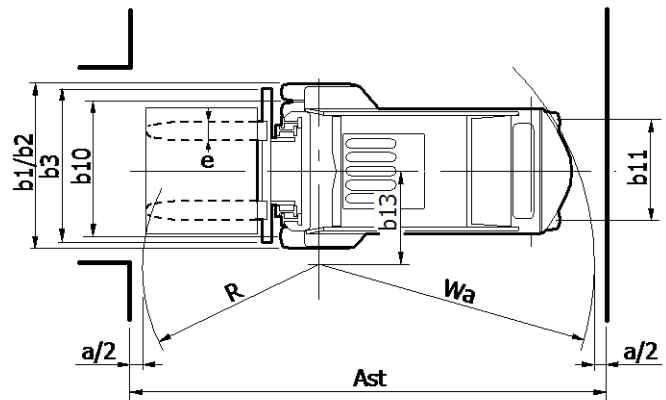
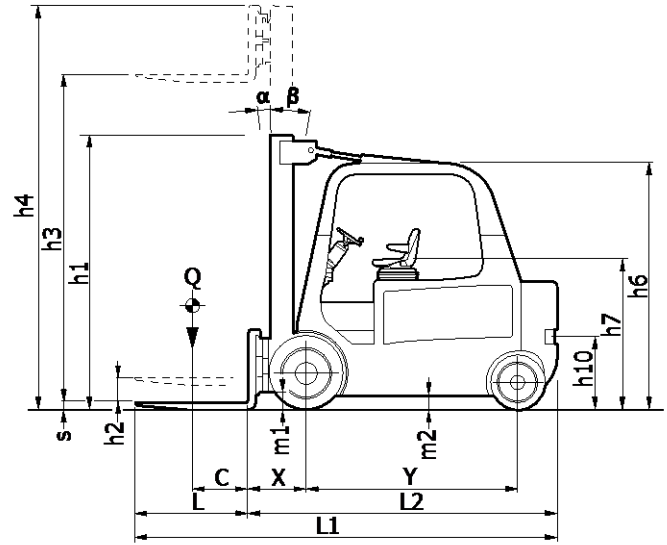
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Electric Forklift Trucks



ELECTRIC FORKLIFT TRUCK CARER Z 60-65-70-80 H

MAIN FEATURES

- CAPACITY 6.000-6.500-7.000-8.000 Kg
- CENTER OF GRAVITY 600mm
- VOLTAGE 96V
- TYRES C-SE- DUAL SE
- MOTORS AC
- ADVANCED MULTIFUNCTION DIGITAL DISPLAY (AMD)
- OIL IMMERSED BRAKES
- HIGH TILT CYLINDERS
- TRAVEL SPEED 15,0 km/h
- LIFTING SPEED 0,39 m/s
- BATTERY 96V Maximum capacity 1000Ah



rev 3.0

The benefits of choosing CARER

The series Z60-80 H of CARER electric forklift trucks range are designed to ensure high performance, long autonomy of the battery and low operating costs. Extremely compact with a really short turning radius, these trucks are designed to be compact and space-saving but at the same time to ensure high performance, reliability and ergonomics; can also be customized and adapted to every condition of use and application, safe and reliable to deal with even the toughest tasks

The compactness of the truck and the great turning capabilities allow faster and less time storage of the load even in narrow and cramped hallways and aisle

All trucks in the series Z60 65 70 80 H are equipped with single super-elastic tires, but, as an option



also possible to fix the cushion or the twin type.

The extreme compactness does not sacrifice the habitability of the driving position that turns out to be ergonomic, with excellent accessibility and with all the equipment clearly visible.

The steering enhances the dynamic qualities of the forklift truck perfectly combining the lightness of the steering wheel and driving precision.



Oil bath braking system guarantees extraordinary effectiveness and durability. Periodic maintenance required for the brake unit will reduce to a regular oil change. The electric braking allows energy recovery to the release of the accelerator or the reversal of the direction of travel.

The particular shape of the frame allows you to fit high-capacity batteries to meet every need.

		C.A.R.E.R. Srl					
IDENTIFICATION	1.1	Manufacturer					
	1.2	Manufacturer's type designation	Z60H	Z65H	Z70H	Z80H	
	1.3	Drive	electric	electric	electric	electric	
	1.4	Operator type	seat	seat	seat	seat	
	1.5	Load capacity/rated load	Q (t)	6	6,5	7	8
	1.6	Load centre distance	C (mm)	600	600	600	600
	1.8	Load distance	X (mm)	625 (1) (2)	625 (1) (2)	625 (1) (2)	680 (1) (2)
	1.9	Wheelbase	Y (mm)	1935	1935	1935	2135
	WEIGHTS	2.1	Weight	(kg)	10850	11350	11900
2.2		Axle loading, laden front / rear	(kg)	14750 / 2100	15750 / 2100	16750 / 2150	18750 / 1600
2.3		Axle loading, unladen front / rear	(kg)	4950 / 5900	5140 / 6210	5320 / 6580	5950 / 6400
WHEELS	3.1	Tyres type	C-SE-SEG				
	3.2	Tyre size, front	840x356 355/65-15 8.25-15	840x356 355/65-15 8.25-15	840x356 355/50-20 8.25-15	840x356 355/50-20 8.25-15	
	3.3	Tyre size, rear	559x203 23x10-12	559x203 23x10-12	559x203 23x10-12	559x229 23x10-12	
	3.5	Wheels, number front rear (x = driven wheels)	2X/2 (SEG:4X/2)	2X/2 (SEG:4X/2)	2X/2 (SEG:4X/2)	2X/2 (SEG:4X/2)	
	3.6	Track width, front	b10 (mm)	1312 1361 1393	1312 1361 1393	1312 1355 1393	1312 1355 1393
	3.7	Track width, rear	b11 (mm)	1055 1055	1055 1055	1055 1055	1055 1055
	DIMENSIONS	4.1	Tilt of mast / fork carriage forward / backward	α/β (°)	7/6(2)	7/6(2)	7/6(2)
4.2		Closed mast height	h1 (mm)	2680	2680	2680	2792
4.3		Free lift	h2 (mm)	100	100	100	100
4.4		Lift (standard mast)	h3 (mm)	3400	3400	3400	3400
4.5		Height, mast extended	h4 (mm)	4370	4370	4370	4530
4.7		Height of overhead guard	h6 (mm)	2650	2650	2650	2650
4.8		Seat height	h7 (mm)	1635	1635	1635	1635
4.12		Coupling height	h10 (mm)	680	680	680	680
4.19		Overall length	L1 (mm)	4210	4210	4210	4465
4.20		Length to face of forks	L2 (mm)	3010	3010	3010	3265
4.21		Overall width	b1/b2 (mm)	1669 1661 1838	1669 1661 1838	1669 1670 1838	1669 1670 1838
4.22		Fork dimensions	exsXL (mm)	150x60x1200	150x60x1200	150x60x1200	200x60x1200
4.23		Fork carriage iso 2328/30, FEMA/A,B		4A	4A	4A	4A
4.24		Fork-carriage width	b3 (mm)	1500	1500	1500	1500
4.31		Ground clearance, laden, below mast	m1 (mm)	150	150	150	150
4.32		Ground clearance, centre of wheelbase	m2 (mm)	110	110	110	110
4.33	Aisle width for pallets 1000x1200 crossways	Ast (mm)	4465	4465	4465	4780	
4.34	Aisle width for pallets 800x1200 lengthways	Ast (mm)	4665	4665	4665	4980	
4.35	Turning radius	Wa (mm)	2640	2640	2640	2900	
4.36	Internal turning radius	b13 (mm)	950	950	950	1100	
PERFORMANCE	5.1	Travel speed, laden / unladen	(km/h)	15/15	15/15	14,5/15	14/15
	5.2	Lift speed, laden / unladen	(m/s)	0,25/0,39	0,24/0,39	0,23/0,39	0,21/0,38
	5.3	Lowering speed, laden / unladen	(m/s)	0,5/0,4	0,5/0,4	0,5/0,4	0,5/0,4
	5.5	Drawbar pull, laden / unladen (S2 60°)	(N)	6900 / 7500	6800 / 7400	6600 / 7300	6400 / 7200
	5.6	Max. drawbar pull, laden / unladen (S2 5°)	(N)	16400 / 17000	16300 / 16900	16100 / 16800	15900 / 16700
	5.7	Gradeability, laden / unladen (S2 30°)	(%)	6,5 / 11	6 / 10,5	5,5 / 10	5 / 9,5
	5.8	Max. gradeability, laden / unladen (S2 5°)	(%)	10 / 16	9 / 15	8,5 / 14	8 / 13,5
	5.9	Acceleration time, laden / unladen (10 m)	(s)	5,8 / 5,4	6 / 5,6	6,1 / 5,7	6,2 / 5,8
	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)	22	22	22
6.2		Lift motor rating (S3 20%)	(kW)	30	30	30	30
6.4		Battery voltage	U (V)	96	96	96	96
6.4.1		Rated capacity	K5 (Ah)	840 / 920 / 1000	840 / 920 / 1000	920 / 1000	1000
6.5		Battery weight minimum/maximum	(kg)	2600 / 3050	2600 / 3050	2700 / 3050	2850 / 3050
OTHERS	8.1	Type of drive control		inverter	inverter	inverter	inverter
	8.2	Operating pressure for attachments	(bar)	160	160	160	160
	8.4	Sound level at the driver's ear	(dBA)	-	-	-	-

VDI 2198

Rev4 03/02/16

(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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