

**ELECTRIC FORKLIFT TRUCK
SERIES R 45-50-60-70 H**

CAPACITY 4.500-5.000-6.000-7.000 Kg

CENTER OF GRAVITY 600 mm

VOLTAGE 80V

PERFECT BALANCE

BETWEEN EXCELLENT

PERFORMANCES

AND LONG AUTONOMY

OF THE BATTERY

R

carer

Electric Forklift Trucks



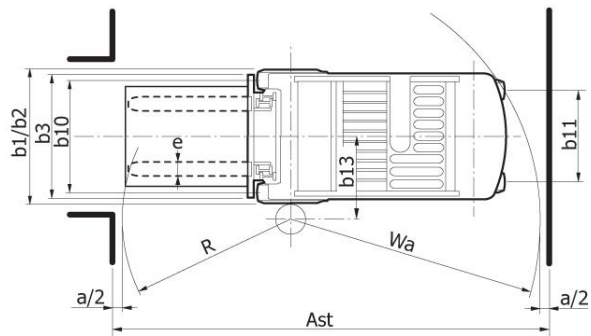
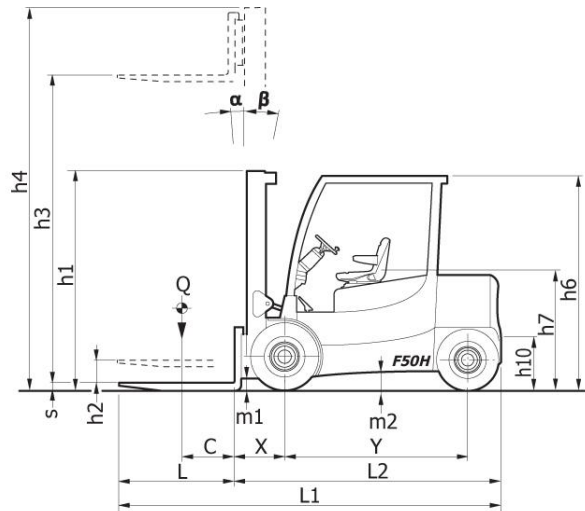
ELECTRIC FORKLIFT TRUCK CARER R 45-50-60-70 H

MAIN FEATURES

- CAPACITY 4.500-5.000-6.000-7.000 KG
- LOAD CENTER 600 mm
- VOLTAGE 80V
- TYRES SUPERELASTIC - DUAL SE
- MOTORS AC
- ADVANCED MULTIFUNCTION DIGITAL DISPLAY (AMD)
- OIL IMMERSED BRAKE
- LOW TILT CYLINDERS
- TRAVEL SPEED 15 Km/h
- LIFTING SPEED 0,40 m/s
- BATTERY 80V - Maximum capacity 1085Ah

AVAILABLE CONTAINER VERSION KR 45-50-60-70 H

TOTAL HEIGHT= 2.230 mm



a=200

rev 3.0

The benefits of choosing Carer

Developed and designed materials handling in heavy duty applications both inside and outside, the R45-70H is the right truck to support intensive use and high performance. Thanks to the advanced multifunction digital display (AMD) it is possible to balance performance and battery



autonomy in order to obtain the most suitable configuration for specific use and for driving sensitivity of operator.

To allow the highest productivity throughout the entire shift of work, Carer offers a number of options such as fingertips integrated in the armrest, enclosed comfortable cab with, as option, heating and air conditioned, seat with low level vibration and low level noise motors. Designed to deliver the optimal balance between productivity and energy consumption to give you a low cost per pallet moved in varying application conditions.

Reliability

The focus in the design, the strong frame and highly reliable

components, guarantee maximum reliability and durability of the truck.

Robust truck with highly rigid construction has been designed with a heavy duty mast and axle for excellent load handling capability and high residual capacity, in order to ensure fast, stable load handling and high productivity in arduous and intensive heavy duty applications.



		C.A.R.E.R. Srl				
		R45H	R50H	R60H	R70H	
IDENTIFICATION	1.1	Manufacturer				
	1.2	Manufacturer's type designation				
	1.3	Drive	electric	electric	electric	
	1.4	Operator type	seat	seat	seat	
	1.5	Load capacity/rated load	Q (t)	4,5	5	6
1.6	Load centre distance	C (mm)	600	600	600	
1.8	Load distance	X (mm)	625 (1) (2)	650 (1) (2)	650 (1) (2)	
1.9	Wheelbase	Y (mm)	1950	1950	1950	
WEIGHTS	2.1	Weight	(kg)	7790	8470	9430
	2.2	Axle loading, laden front / rear	(kg)	11155 / 1135	12230 / 1240	13980 / 1450
	2.3	Axle loading, unladen front / rear	(kg)	3830 / 3960	4020 / 4450	4130 / 5300
WHEELS	3.1	Tyres type		SE	SE-SEG	SE-SEG
	3.2	Tyre size, front		300-15	300-15 8.25-15	355/65-15 8.25-15
	3.3	Tyre size, rear		23x10-12	23x10-12	23x10-12
	3.5	Wheels, number front rear (x = driven wheels)		2X/2	2X/2 (SEG:4X/2)	2X/2 (SEG:4X/2)
	3.6	Track width, front	b10 (mm)	1200	1200 1380	1230 1380
	3.7	Track width, rear	b11 (mm)	1115	1115	1115
DIMENSIONS	4.1	Tilt of mast / fork carriage forward / backward	α/β (°)	6/6(2)	6/6(2)	6/6(2)
	4.2	Closed mast height	h1 (mm)	2525	2525	2525
	4.3	Free lift	h2 (mm)	0	0	0
	4.4	Lift (standard mast)	h3 (mm)	3400	3400	3400
	4.5	Height, mast extended	h4 (mm)	4250	4250	4250
	4.7	Height of overhead guard	h6 (mm)	2400	2400	2400
	4.8	Seat height	h7 (mm)	1300	1300	1300
	4.12	Coupling height	h10 (mm)	460	460	460
	4.19	Overall length	L1 (mm)	4225	4250	4250
	4.20	Length to face of forks	L2 (mm)	3025	3050	3050
	4.21	Overall width	b1/b2 (mm)	1450	1450 1820	1520 1820
	4.22	Fork dimensions	exsxL (mm)	150x50x1200	150x50x1200	150x60x1200
	4.23	Fork carriage iso 2328/30, FEMA/A,B		3A	4A	4A
	4.24	Fork-carriage width	b3 (mm)	1300	1300	1300
	4.31	Ground clearance, laden, below mast	m1 (mm)	150	150	150
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	160	160	160
4.33	Aisle width for pallets 1000x1200 crossways	Ast (mm)	4450	4470	4470	
4.34	Aisle width for pallets 800x1200 lengthways	Ast (mm)	4650	4670	4670	
4.35	Turning radius	Wa (mm)	2620	2620	2620	
4.36	Internal turning radius	b13 (mm)	850	850	850	
PERFORMANCE	5.1	Travel speed, laden / unladen	(km/h)	15/15	15/15	14/15
	5.2	Lift speed, laden / unladen	(m/s)	0,38/0,4	0,34/0,4	0,3/0,4
	5.3	Lowering speed, laden / unladen	(m/s)	0,5/0,4	0,5/0,4	0,5/0,4
	5.5	Drawbar pull, laden / unladen (S2 60')	(N)	5700 / 6400	5500 / 6200	5100 / 6000
	5.6	Max. drawbar pull, laden / unladen (S2 5')	(N)	18500 / 18900	18200 / 18700	17700 / 18400
	5.7	Gradeability, laden / unladen (S2 30')	(%)	10,2 / 17,1	8,8 / 14,8	7,3 / 12,8
	5.8	Max. gradeability, laden / unladen (S2 5')	(%)	15,3 / 24,9	13,5 / 22	11,5 / 19,5
	5.9	Acceleration time, laden / unladen (10 m)	(s)	6,3 / 4,8	6,7 / 5,1	7,3 / 5,4
	5.10	Service brake: mech./hydr./electr.		hydraulic/electric	hydraulic/electric	hydraulic/electric
	MOTOR / BATT.	6.1	Drive motor rating (S2 60')	(kW)	20	20
6.2		Lift motor rating (S3 20%)	(kW)	30	30	30
6.4		Battery voltage	U (V)	80	80	80
6.4.1		Rated capacity	K5 (Ah)	875 / 980	980 / 1085	980 / 1085
6.5		Battery weight minimum/maximum	(kg)	2400 / 2630	2400 / 2630	2500 / 2680
OTHERS	8.1	Type of drive control		inverter	inverter	inverter
	8.2	Operating pressure for attachments	(bar)	200	200	200
	8.4	Sound level at the driver's ear	(dBA)	-	-	-

VDI 2198

Rev6 27/02/15

(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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