

Capacity / Centre of gravity:
6.000 - 6.500 - 7.000 - 8.000 - 9.000 kg / 600mm

Voltage: 96 V

Perfect balance between excellent performances
and long operating time

F

SERIES



F 60 H²
F 65 H²
F 70 H²
F 80 H²
F 90 H²

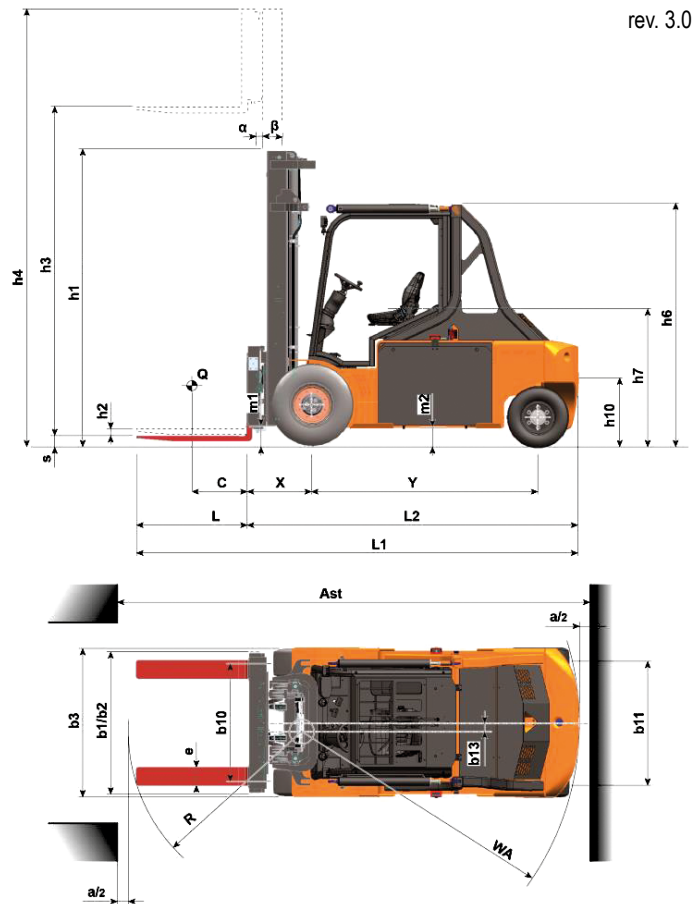
GENERAL FEATURES

- Capacity / Centre of gravity:
6.000 - 6.500 - 7.000 - 8.000 - 9.000 kg / 600 mm
- Voltage: 96 V
- Tyres: Superelastic, Cushion, Twin Superelastic
- 2 front drive motors AC
- Oil immersed brakes
- Travel speed: 15 Km/h
- Lifting speed: 0,39 m/s
- Battery 96 V – Maximum capacity 1475 Ah

- Advanced Multifunction Display (AMD)
- Reversing Camera
- High tilt cylinders
- Automatic Cornering Speed Reduction System
- Automatic Parking Brake

AVAILABLE CONTAINER VERSION KF 60-65-70-80-90 H²

Total height = 2.235 mm



THE BENEFITS OF CHOOSING CARER

Developed based on the project of the Heavy Duty model (HD²), F 60-90 H² electric lift trucks are the ideal solution to handle heavy goods in all fields of application.

Attention to all the details, creativity and technical expertise used to design and develop the F 60-90 H² can be seen in the features and design of the electric lift truck that combines the ability to lift very heavy loads with a very compact sturdy frame with ease of driving, the extremely adaptable performance levels and utmost operator comfort.

The FH² series is equipped with a powerful twin-motors powertrain with electronic differential capable to ensure high efficiency and noiseless operation given by high precision of the teeth precision.

It also includes electric brake and automatic parking brake unit.

The rear axle is equipped with steering sensor which guarantees



speed reduction of the forklift when cornering.

Utmost Operator Comfort

The driver's cabin, with an ergonomic design mounted on anti-vibration supports to reduce vibrations to a minimum, ensures maximum comfort and ease of driving, thereby reducing operator fatigue even during long shifts.

The side by side Easily-Removable Battery allows quick, safe battery change.



		C.A.R.E.R. Srl						
CARATTERISTICHE	1.1	Manufacturer						
	1.2	Manufacturer's type designation	F60H ²	F65H ²	F70H ²	F80H ²	F90H ²	
	1.3	Drive	electric	electric	electric	electric	electric	
	1.4	Operator type	seat	seat	seat	seat	seat	
	1.5	Load capacity/rated load	Q (t)	6	6.5	7	8	9
	1.6	Load centre distance	C (mm)	600	600	600	600	600
	1.8	Load distance	X (mm)	650 (1) (2)	650 (1) (2)	650 (1) (2)	700 (1) (2)	720 (1) (2)
	1.9	Wheelbase	Y (mm)	2250	2250	2250	2550	2550
	RUOTE	2.1	Weight	(kg)	10260	10430	10770	12095
2.2		Axle loading, laden front / rear	(kg)	14523 / 1737	15316 / 1614	16124 / 1646	18670 / 1425	20780 / 1645
2.3		Axle loading, unladen front / rear	(kg)	5190 / 5070	5200 / 5230	5240 / 5530	6590 / 5505	7120 / 6305
WHEELS	3.1	Tyres type	C-SE-SEG C-SE-SEG C-SE-SEG C-SE-SEG SEG					
	3.2	Tyre size, front	840x356x559 355/65-15 8.25-15 840x356x559 355/65-15 8.25-15 840x356x559 355/50-20 8.25-15 840/356x559 355/50-20 8.25-15					
	3.3	Tyre size, rear	22x9-16 23x10-12 22x9-16 23x10-12 22x9-16 23x10-12 22x9-16 23x10-12 23x10-12					
	3.5	Wheels, number front rear (x = driven wheels)	2X/2 2X/2 2X/2 2X/2 4X/2					
	3.6	Track width, front	b10 (mm)	1305 1375 1380	1035 1375 1380	1305 1350 1380	1305 1350 1380	1380
	3.7	Track width, rear	b11 (mm)	1220 1225	1220 1225	1220 1225	1220 1225	1225
	DIMENSIONS	4.1	Tilt of mast / fork carriage forward / backward	a/β (°)	5.5/6(2)	5.5/6(2)	5.5/6(2)	5.5/6(2)
4.2		Closed mast height	h1 (mm)	2680	2680	2680	2792	2900
4.3		Free lift	h2 (mm)	100	100	100	0	0
4.4		Lift (standard mast)	h3 (mm)	3400	3400	3400	3400	3400
4.5		Height, mast extended	h4 (mm)	4370	4370	4370	4530	4800
4.7		Height of overhead guard	h6 (mm)	2420	2420	2420	2420	2420
4.8		Seat height	h7 (mm)	1330	1330	1330	1330	1330
4.12		Coupling height	h10 (mm)	465	465	465	465	465
4.19		Overall length	L1 (mm)	4500	4500	4500	4840	4880
4.20		Length to face of forks	L2 (mm)	3300	3300	3300	3640	3680
4.21		Overall width	b1/b2 (mm)	1660 1660 1830	1660 1660 1830	1660 1660 1830	1660 1660 1830	1830
4.22		Fork dimensions	exsXL (mm)	150x60x1200	150x60x1200	150x60x1200	200x60x1200	200x60x1200
4.23		Fork carriage iso 2328/30, FEM/A,B		4A	4A	4A	4A	5A
4.24		Fork-carriage width	b3 (mm)	1300	1300	1300	1300	1500
4.31		Ground clearance, laden, below mast	m1 (mm)	180	180	180	180	180
4.32		Ground clearance, centre of wheelbase	m2 (mm)	165	165	165	165	165
4.33	Aisle width for pallets 1000x1200 crossways	Ast (mm)	4835	4835	4835	5200	5220	
4.34	Aisle width for pallets 800x1200 lengthways	Ast (mm)	5035	5035	5035	5400	5420	
4.35	Turning radius	Wa (mm)	2985	2985	2985	3300	3300	
4.36	Internal turning radius	b13 (mm)	950	950	950	1050	1050	
PERFORMANCE	5.1	Travel speed, laden / unladen	(km/h)	15 / 15	15 / 15	14.5 / 15	14 / 15	14 / 15
	5.2	Lift speed, laden / unladen	(m/s)	0.24 / 0.39	0.24 / 0.39	0.22 / 0.39	0.2 / 0.34	0.28 / 0.4
	5.3	Lowering speed, laden / unladen	(m/s)	0.5 / 0.4	0.5 / 0.4	0.5 / 0.4	0.45 / 0.35	0.47 / 0.39
	5.5	Drawbar pull, laden / unladen (S2 60')	(N)	6900 / 7500	6900 / 7500	6600 / 7300	6400 / 7200	6100 / 6850
	5.6	Max. drawbar pull, laden / unladen (S2 5')	(N)	16400 / 17000	16400 / 17000	16100 / 16800	15900 / 16700	15150 / 15900
	5.7	Gradeability, laden / unladen (S2 30')	(%)	6.5 / 11	6.5 / 11	5.5 / 10	5 / 9.5	4.7 / 9
	5.8	Max. gradeability, laden / unladen (S2 5')	(%)	10 / 16	10 / 16	8.5 / 14	8 / 13.5	7.7 / 12.7
	5.9	Acceleration time, laden / unladen (10 m)	(s)	5.8 / 5.4	5.8 / 5.4	6.1 / 5.7	6.2 / 5.8	5.8 / 5.4
	5.10	Service brake: mech./hydr./electr.		electric	electric	electric	electric	electric
	MOTOR / BATT.	6.1	Drive motor rating (S2 60')	(kW)	2x15	2x15	2x15	2x15
6.2		Lift motor rating (S3 20%)	(kW)	30	30	30	30	45
6.4		Battery voltage	U (V)	96	96	96	96	96
6.4.1		Rated capacity	K5 (Ah)	980 / 1085 / (TENSOR)	980 / 1085 / (TENSOR)	980 / 1085 / (TENSOR)	1260 / 1395 / 1475 (TENSOR)	1260 / 1395 / 1475 (TENSOR)
6.5		Battery weight minimum/maximum	(kg)	3050 / 3230	3050 / 3230	3050 / 3230	4050 / 4200	4050 / 4200
OTHERS	8.1	Type of drive control		inverter	inverter	inverter	inverter	inverter
	8.2	Operating pressure for attachments	(bar)	200	200	200	200	200
	8.4	Sound level at the driver's ear	(dBA)	-	-	-	-	-

VDI 2198

Rev1 30/03/20

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



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