ELECTRIC FORKLIFT TRUCK
SERIES Z 25 HD

CAPACITY 2.500 Kg
CENTER OF GRAVITY 500mm
VOLTAGE 80V
HIGH RESIDUAL CAPACITIES
AT HIGH LIFTING HEIGHTS
FAST LIFTING AND
TRACTION SPEED
VERY COMPACT FRAME

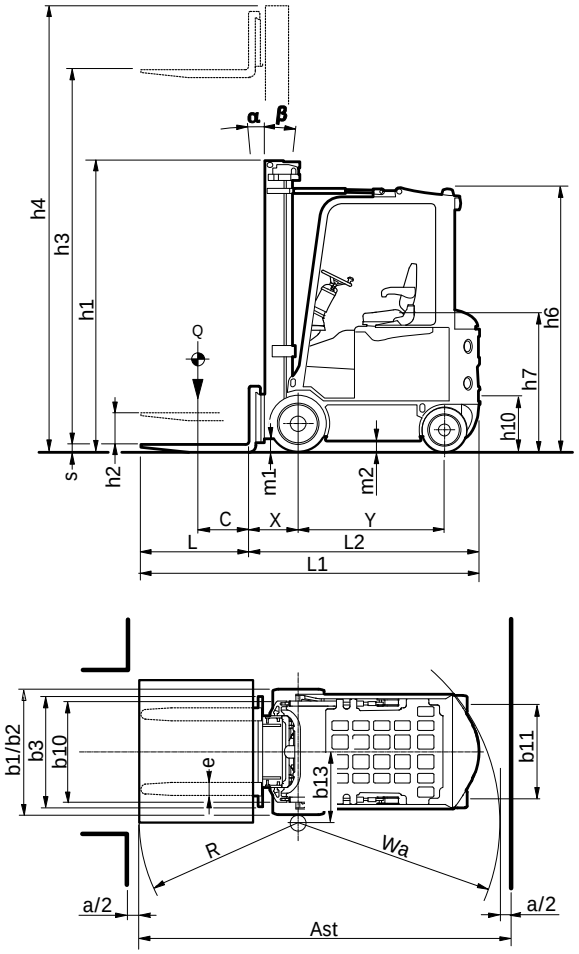
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Electric Forklift Trucks



ELECTRIC FORKLIFT TRUCK CARER Z25 HD

MAIN FEATURES

LOAD CAPACITY 2.500 Kg
CENTER OF GRAVITY 500mm
VOLTAGE 80V
TYRES C-SE
AC MOTORS
MULTIFUNCTION DISPLAY EASY INFO (MDE)
DRUM BRAKES
TRAVEL SPEED 18,0 km/h
LIFTING SPEED 0,60 m/S
BATTERY 80V 625Ah
HIGH POSITIONED TILT CYLINDERS



The benefits of choosing CARER

The ability to maintain high residual capacities at great heights, the compactness of the frame and the high travel and lifting speed, make the Z25 HD the ideal truck for particular applications such as fruit and logistics.

Specifications
The series Z25HD is able to grant low cost of ownership, long work autonomy, high performances and excellent visibility thanks to the high drive position that is ergonomically designed.
These characteristics make this truck suitable for any condition of use, safe and reliable for heavy duty applications.

The turning radius, which is one of the best in its category, is another important hallmark.

CARER's electric motors are designed to grant high performance and high acceleration level.

The electronic system gives to the motors the power needed to perform high travel and lifting speed, great acceleration level and unmatched manouverability.
To increase the autonomy of work several batteries of different amperage are available. The battery, removable sideways, can be replaced by using a crain or a forklift.







IDENTIFICATION	1.1	Manufacturer			C.A.R.E.R. Srl
	1.2	Manufacturer's type designation			**Z25HD**
	1.3	Drive			electric
	1.4	Operator type			seat
	1.5	Load capacity/rated load	**Q**	(t)	2,5
	1.6	Load centre distance	**C**	(mm)	500
	1.8	Load distance	**X**	(mm)	435 (1) (2)
	1.9	Wheelbase	**Y**	(mm)	1360
WEIGHTS	2.1	Weight		(kg)	4700
	2.2	Axle loading, laden front / rear		(kg)	6315 / 885
	2.3	Axle loading, unladen front / rear		(kg)	2100 / 2600
WHEELS	3.1	Tyres type			C-SE
	3.2	Tyre size, front			533x203 21x8-9
	3.3	Tyre size, rear			413x152 16x6-8
	3.5	Wheels, number front rear (x = driven wheels)			2X/2
	3.6	Track width, front	**b10**	(mm)	900 - 958
	3.7	Track width, rear	**b11**	(mm)	826
DIMENSIONS	4.1	Tilt of mast / fork carriage forward / backward	**α/β**	(°)	5/5(2)
	4.2	Closed mast height	**h1**	(mm)	2475
	4.3	Free lift	**h2**	(mm)	50
	4.4	Lift (standard mast)	**h3**	(mm)	3650
	4.5	Height, mast extended	**h4**	(mm)	4275
	4.7	Height of overhead guard	**h6**	(mm)	2445
	4.8	Seat height	**h7**	(mm)	1300
	4.12	Coupling height	**h10**	(mm)	520
	4.19	Overall length	**L1**	(mm)	3125
	4.20	Length to face of forks	**L2**	(mm)	2125
	4.21	Overall width	**b1/b2**	(mm)	1100-1150
	4.22	Fork dimensions	**exsxL**	(mm)	120x35x1000
	4.23	Fork carriage iso 2328/30, FEM/A,B			2A
	4.24	Fork-carriage width	**b3**	(mm)	900
	4.31	Ground clearance, laden, below mast	**m1**	(mm)	110
	4.32	Ground clearance, centre of wheelbase	**m2**	(mm)	90
	4.33	Aisle width for pallets 1000x1200 crossways	**Ast**	(mm)	3500
	4.34	Aisle width for pallets 800x1200 lengthways	**Ast**	(mm)	3700
	4.35	Turning radius	**Wa**	(mm)	1860
	4.36	Internal turning radius	**b13**	(mm)	590
PERFORMANCE	5.1	Travel speed, laden / unladen		(km/h)	17,0/18,0
	5.2	Lift speed, laden / unladen		(m/s)	0,42/0,60
	5.3	Lowering speed, laden / unladen		(m/s)	0,50/0,38
	5.5	Drawbar pull, laden / unladen (S2 60')		(N)	4500 / 4900
	5.6	Max. drawbar pull, laden / unladen (S2 5')		(N)	11800 / 12200
	5.7	Gradeability, laden / unladen (S2 30')		(%)	12 / 19
	5.8	Max. gradeability, laden / unladen (S2 5')		(%)	16 / 26
	5.9	Acceleration time, laden / unladen (10 m)		(s)	5,1 / 4,8
	5.10	Service brake: mech./hydr./electr.			hydraulic/electric
MOTOR / BATT.	6.1	Drive motor rating (S2 60')		(kW)	14
	6.2	Lift motor rating (S3 20%)		(kW)	19
	6.4	Battery voltage	**U**	(V)	80
	6.4.1	Rated capacity	**K5**	(Ah)	575/625
	6.5	Battery weight minimum/maximum		(kg)	1450/1600
OTHERS	8.1	Type of drive control			inverter
	8.2	Operating pressure for attachments		(bar)	160
	8.4	Sound level at the driver's ear		(dBA)	-

VDI 2198

Rev6 25/11/13

(1)With side-shifter integrated in the mast

(2)Mast dependent

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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