

ELECTRIC FORKLIFT TRUCK SERIES Z 100-120 HD

CAPACITY 10.000-12.000 Kg
CENTER OF GRAVITY 600mm
VOLTAGE 120V
HIGH PERFORMANCES
VERY COMPACT SIZE
LARGE MANOUVERABILITY
LONG AUTONOMY
OF THE BATTERY

Z

carer
Electric Forklift Trucks

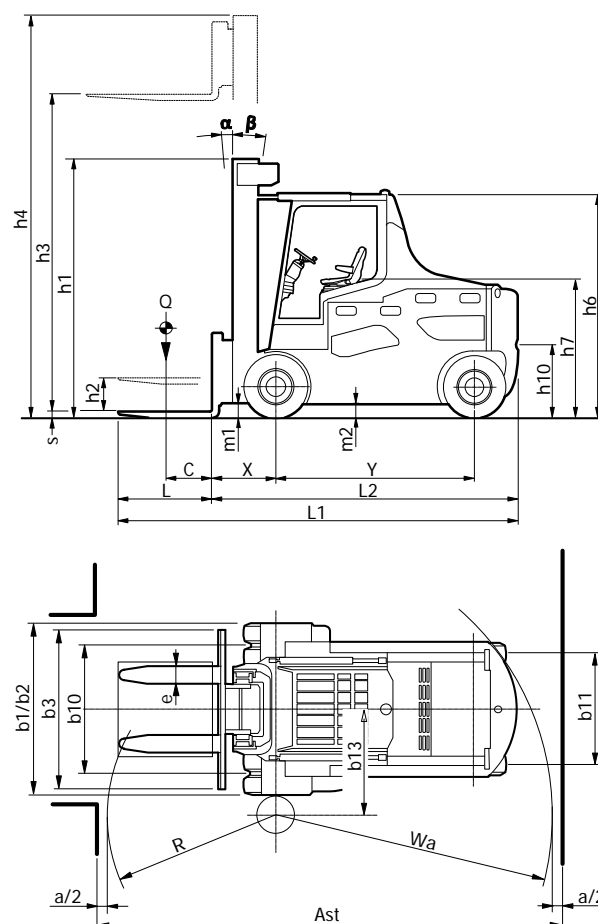


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Electric Forklift Trucks

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MAIN FEATURES

- CAPACITY 10.000-12.000 Kg
- LOAD CENTER 600mm
- VOLTAGE 120V
- TYRES DUAL SE-C
- MOTORS AC
- OLI IMMERSED BRAKES
- TRAVEL SPEED 12,5 km/h
- LIFTING SPEED 0,35 m/s
- BATTERY 120V 1500Ah
- HIGH TILT CYLINDERS
- MULTIFUNCTION DISPLAY EASY INFO (DME)



a=200

The benefits of choosing Carer



A forklift truck newly designed, developed at a voltage of 120V for maximum efficiency and long work autonomy, the Z100-120 HD is the ideal truck for moving heavy loads with maximum safety and reliability

Specifications
The technology of 120V and the machine's development based on the concepts of power and efficiency, provide high performance and long autonomy

Of the battery. The power of the motor, electronically controlled, gives these trucks very good acceleration, high speed and unmatched maneuverability. The acceleration is gentle and progressive and it is used only when needed to reduce consumption and increase the autonomy of work.

Maximum operator comfort
The cabin separated from the frame, gives to the operator very

high level of comfort. Fitted on silent blocks system, it reduces the vibrations and noise. From the driver's seat is perfectly dominates all the surrounding space and all dimensions of the truck are easily perceptible.

The visibility remains good even during the handling of bulky loads, giving to the operator an optimum driving position for maximum visibility and increasing the safety of the vehicle.

		C.A.R.E.R. Srl		
CHARACTERISTICS	1,1	Manufacturer		
	1,2	Type	Z100HD Z120HD	
	1,3	Power Source: Battery, diesel, gas, electric mains	battery battery	
	1,4	Operation: manual, pedestrian, stand, seat	seated seated	
	1,5	Load capacity	Q (t) 10,0 12,0	
	1,6	Load center	C (mm) 600 600	
	1,8	Load distance	X (mm) 815 (1) 815 (1)	
	1,9	Wheelbase	Y (mm) 2550 2550	
	WEIGHTS	2,1	Unladen weight (max. battery)	(kg) 17400 19400
2,2		Axle loading laden front/rear (max. battery)	(kg) 24100/3300 28800/2600	
2,3		Axle loading unladen front/rear (max. battery)	(kg) 8550/8850 10140/9260	
TYRES	3,1	Tyres: C= cushion, SE= super-elastic, PN= Pneumatic, SEG= dual super-elastic PNG= dual pneumatic, VLK= vulkollan	C-SEG C-SEG	
	3,2	Tyre size, front	711x(254+254) - 300-15 711X(315+315) - 355/50-20	
	3,3	Tyre size, rear	711x254 - 300-15 711x254 - 300-15	
	3,5	Wheels: Number front / rear (X = driven)	2X/2 (SEG:4X/2) 4X/2	
	3,6	Track width, front, standard/wide tread	b10 (mm) 1692-1645 1795	
	3,7	Track width, rear	b11 (mm) 1450 1450	
	4,1	Mast tilt, forward α / back β	α/β (°) 7/8 (2) 7/8 (2)	
	4,2	Height of mast lowered	h1 (mm) 2950 2950	
	4,3	Free lift	h2 (mm) 0 0	
	4,4	Lift height	h3 (mm) 3400 3400	
DIMENSIONS	4,5	Height of mast extended	h4 (mm) 4850 4850	
	4,7	Height to top of overhead guard	h6 (mm) 2850 2850	
	4,8	Seat height	h7 (mm) 1790 1790	
	4,12	Towing coupling height	h10 (mm) 910 910	
	4,19	Overall length	L1 (mm) 5015 5115	
	4,20	Length to face of fork	L2 (mm) 3815 3915	
	4,21	Overall width, standard / wide tread	b1 (mm) 2200 2300-2350	
	4,22	Fork dimensions	exsXL (mm) 200x80x1200 200x80x1200	
	4,23	Fork carriage ISO 2328/30, FEM / A, B	5A CARER	
	4,24	Fork carriage width	b3 (mm) 2000 2000	
	4,31	Ground clearance under mast, laden	m1 (mm) 180 180	
	4,32	Ground clearance at center of wheelbase	m2 (mm) 130 130	
	4,33	Aisle width with pallets 1000x1200mm wide	Ast (mm) 5620 5670	
	4,34	Aisle width with pallets 800x1200mm long	Ast (mm) 5820 5870	
	4,35	Outer turning radius	Wa (mm) 3600 3650	
	4,36	Inner turning radius, standard/wide tread	b13 (mm) 1450 1515	
	PERFORMANCES	5,1	Travel speed, with / without load	(km/h) 11,0/12,5 10,0/11,5
		5,2	Lifting speed, with / without load	(m/s) 0,22/0,35 0,19/0,35
		5,3	Lowering speed with / without load	(m/s) 0,50/0,40 0,50/0,40
5,5		Drawbar pull, with / without load (S2 60 °)	(N) 6200/8400 5300/7900	
5,6		Max drawbar pull, with / without load (S2 5 °)	(N) 20500/22700 19600/22200	
5,7		Gradeability, with / without load (S2 30 °)	(%) 5/8,5 4,1/7,8	
5,8		Max gradeability, with / without load (S2 5 °)	(%) 6,9/11,4 5,7/10	
5,9		Acceleration time, with / without load (10 m)	(s) 7/6,2 8/6,8	
5,10		Service brake: mech. / Hydraulic / electric	hydr/elect hydr/elect	
MOTORS / BATT.	6,1	Drive motor output (S2 60 °)	(kW) 31 31	
	6,2	Lifting motor (S3 20%)	(kW) 42 42	
	6,4	Battery voltage	U (V) 120 120	
	6,4.1	Battery capacity	K5 (Ah) 1260/1380/1500 1380/1500	
OTHER	6,5	Battery weight minimum / maximum	(kg) 5000/5650 5400/5650	
	8,1	Drive control	inverter inverter	
	8,2	Working pressure for attachments	(bar) 200 200	
	8,4	Average noise level at operator's ear	(dBA) - -	

VDI 2198
(1) With integral side-shift on the mast
(2) Lifting heights > 4.5 m, 3° / 7°.

The performance data refer to forklift truck in perfect efficiency, with battery weight corresponding to the values given in 6,5