

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

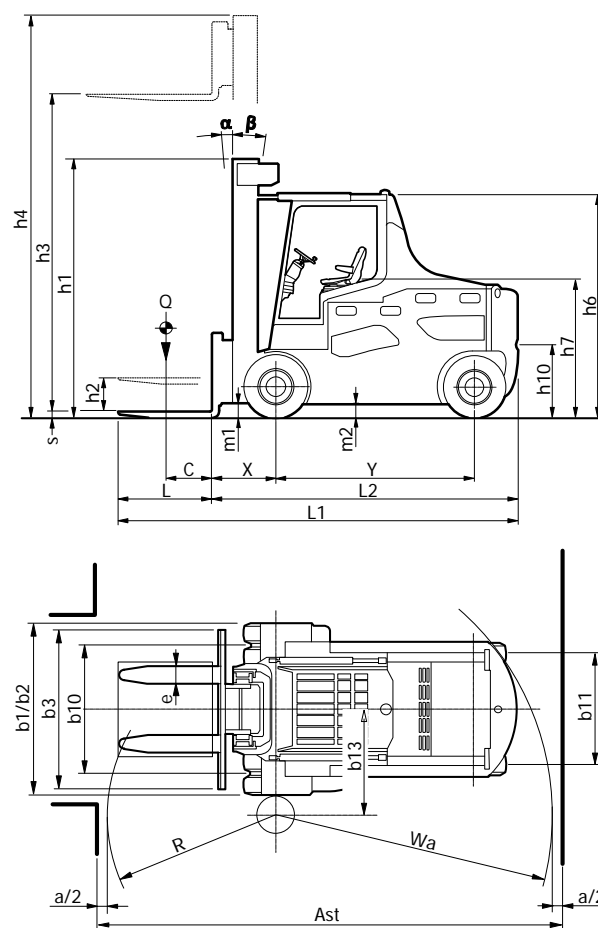


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Electric Forklift Trucks

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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		
		Z100HD	Z120HD	
CHARACTERISTICS	1,1	Manufacturer		
	1,2	Type		
	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
	1,6	Load center	C (mm)	600
	1,8	Load distance	X (mm)	815 (1)
	1,9	Wheelbase	Y (mm)	2550
	WEIGHTS	2,1	Unladen weight (max. battery)	(kg)
2,2		Axle loading laden front/rear (max. battery)	(kg)	24100/3300
2,3		Axle loading unladen front/rear (max. battery)	(kg)	8550/8850
TYRES	3,1	Tyres: C= cushion, SE= super-elastic, PN= Pneumatic, SEG= dual super-elastic PNG= dual pneumatic, VLK= vulkollan		C-SEG
	3,2	Tyre size, front		711x(254+254) - 300-15
	3,3	Tyre size, rear		711x254 - 300-15
	3,5	Wheels: Number front / rear (X = driven)		2X/2 (SEG:4X/2)
	3,6	Track width, front, standard/wide tread	b10 (mm)	1692-1645
	3,7	Track width, rear	b11 (mm)	1450
	4,1	Mast tilt, forward α / back β	α/β (°)	7/8 (2)
	4,2	Height of mast lowered	h1 (mm)	2950
	4,3	Free lift	h2 (mm)	0
	4,4	Lift height	h3 (mm)	3400
	4,5	Height of mast extended	h4 (mm)	4850
	4,7	Height to top of overhead guard	h6 (mm)	2850
DIMENSIONS	4,8	Seat height	h7 (mm)	1790
	4,12	Towing coupling height	h10 (mm)	910
	4,19	Overall length	L1 (mm)	5015
	4,20	Length to face of fork	L2 (mm)	3815
	4,21	Overall width, standard / wide tread	b1 (mm)	2200
	4,22	Fork dimensions	exsXL (mm)	200x80x1200
	4,23	Fork carriage ISO 2328/30, FEM / A, B		5A
	4,24	Fork carriage width	b3 (mm)	2000
	4,31	Ground clearance under mast, laden	m1 (mm)	180
	4,32	Ground clearance at center of wheelbase	m2 (mm)	130
	4,33	Aisle width with pallets 1000x1200mm wide	Ast (mm)	5620
	4,34	Aisle width with pallets 800x1200mm long	Ast (mm)	5820
	4,35	Outer turning radius	Wa (mm)	3600
	4,36	Inner turning radius, standard/wide tread	b13 (mm)	1450
	PERFORMANCES	5,1	Travel speed, with / without load	(km/h)
5,2		Lifting speed, with / without load	(m/s)	0,22/0,35
5,3		Lowering speed with / without load	(m/s)	0,50/0,40
5,5		Drawbar pull, with / without load (S2 60°)	(N)	6200/8400
5,6		Max drawbar pull, with / without load (S2 5°)	(N)	20500/22700
5,7		Gradeability, with / without load (S2 30°)	(%)	5/8,5
5,8		Max gradeability, with / without load (S2 5°)	(%)	6,9/11,4
5,9		Acceleration time, with / without load (10 m)	(s)	7/6,2
5,10		Service brake: mech. / Hydraulic / electric		hydr/elect
MOTORS / BATT.	6,1	Drive motor output (S2 60°)	(kW)	31
	6,2	Lifting motor (S3 20%)	(kW)	42
	6,4	Battery voltage	U (V)	120
	6,4.1	Battery capacity	K5 (Ah)	1260/1380/1500
OTHER	6,5	Battery weight minimum / maximum	(kg)	5000/5650
	8,1	Drive control		inverter
	8,2	Working pressure for attachments	(bar)	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