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3,0 t 12,0 t
4,0 t 15,0 t
5,0 t 20,0 t
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Machines. Ideas. Solutions.
For maximum maneuverability and energy efficiency.

ELECTRIC PLATFORMS



LOAD CAPACITY
2000 - 25 000 kg

MOVEMENT SPEED
20 - 25 km/h

RECORD
ET



THE BEST ELECTRIC PLATFORMS FOR EVERY JOB

COMFORT & SECURITY

Comfortable adjustable seats

The seats used are wide, offering support of the cross and thus allow the driver and his companion to stand in comfortable positions. On both sides of the cabin are mounted auxiliary handles for easy going in and off the cabin. This creates comfort and reduces fatigue stress in the driver and his companion in the other seat.

Comfortable cabin floor, covered with non-slip mat

The wide, flat floor and the low-lying and ergonomic pedals create comfort and increase the driver's efficiency. The steps are comfortable, non-slip and straight getting on and off the cab safely and easily.



- Wide seating area;
- Position adjustment of the seats;
- Seat belts;

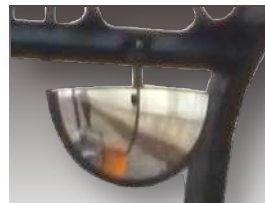
- Comfortable armrests;
- Change the slope of the backrests;
- Adjustment of seat cushioning.

Safety

Safety is ensured with a system that does not allow unpredictable driving without the driver sitting down at work.

Overview when maneuvering backwards

The built-in panoramic mirror allows a wide angle of vision and ensures safety at work.



Service maintenance

- Easy access to electronics;
- 1000 hours interval between two consecutive technical services;
- The display gives information to the driver for the necessary technical maintenances;
- The electrical equipment has a computer port for diagnosis;
- The combination of easy access and quality aggregates and components reduces maintenance time and increases productivity and reliability.

ELECTRIC MOTORS & BATTERIES

Features & Advantages

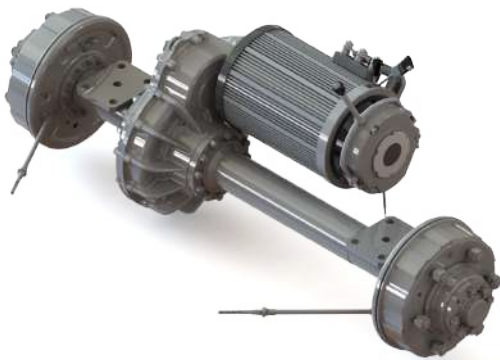
ECOLOGICAL COMPACT AND SILENT MAINTENANCE-FREE

Construction

The construction is characterized by simplicity, reliability and maneuverability. Modern electric vehicles equipped with the latest electronic technologies and with opportunities for transporting of various type of goods.

Transmission

The produced electric platforms have one AC motor mounted on the driving axle. The smoothly, energy efficient and almost silent movement of the machine is guaranteed. The transmission is designed for hard work and provides high performance.



Braking system

The electric platform has two independent brakes systems:

1. Service hydraulic brakes on the rear wheels. There is an option for the front wheels to be with hydraulic service brakes as well.
2. Mechanical or manual electric parking brake.

Electrical system

The conversion of DC energy into physical work is based on the principle of high frequency conversion. The electrical equipment in combination with the electric motor makes the working process safe and with high productivity.

Advantages of AC technology

High frequency electronic control guarantees trouble-free operation and allows for recovery of energy, restoring part of the capacity of battery during operation. Provides high efficiency and performance and at the same time the production costs are reduced.

Multifunction display

The display gives information in every moment for:

- the moto-hours;
- the state of charge of the battery;
- current rotation per minute /rpm/, electric consumption, temperature of motors and controllers.
- errors in the system of the electrical equipment of the motors and controllers.
- the periods of the maintenance.

Allows the above data to be locked with a PIN code known only by the service department and upon inspection only they can unlock it.

Batteries

The main source of energy of the electric platforms are the lead-acid, gel and lithium-ion traction rechargeable batteries. Lithium-ion batteries are being used more and more every day. Their advantages are:

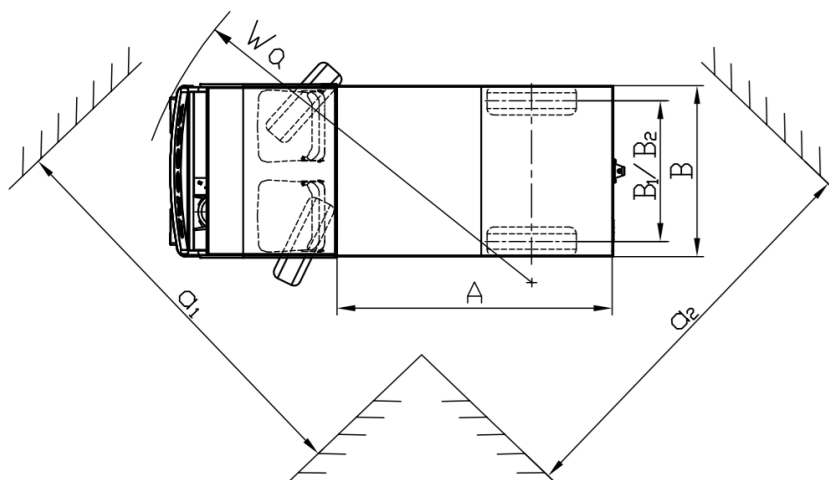
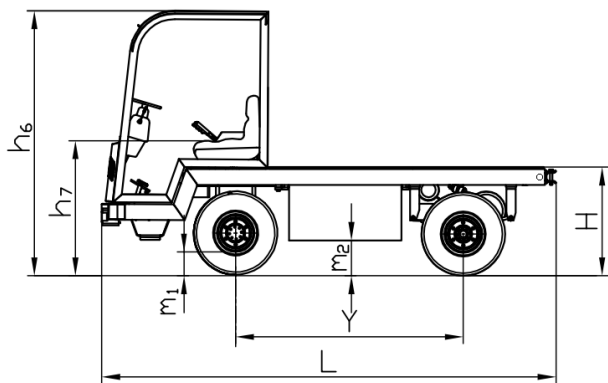
- reduced losses and production risks;
- accelerated charging time;
- easy operation;
- energy savings up to 30%;
- safety and environmental protection
- lack of harmful fumes and toxic waste.





ELECTRIC PLATFORMS 2 - 4 t

ELECTRIC PLATFORM		SPECIFICATION					
1	Manufacturer	BALKANCAR RECORD JSC					
2	Type			ET 2	ET 3	ET 4	
3	Load capacity	Q		kg	2 000	3 000	4 000
4	Drive unit	Battery / diesel / LPG		Battery			
5	Overall dimensions	L	Length	mm	3450		
6		B	Width	mm	1300		
7		AxBxH	Size of the gantry	mm	2100x1300x800		
8		h ₆	Height of overhead guard	mm	2000	2050	
9	Turning radius	Wa	Outer turning radius	mm	3200		
10	Drive control		Type		Impulse regulator		



* Electric platform in accordance with BDS EN 3691-1.

* Other variants of specifications and characteristics are possible.

* The specified parameters and dimensions are for reference and may differ from those printed in the table.

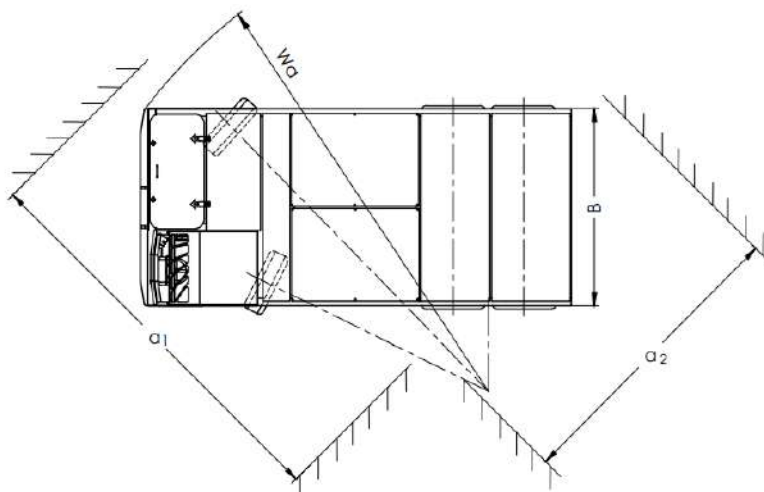
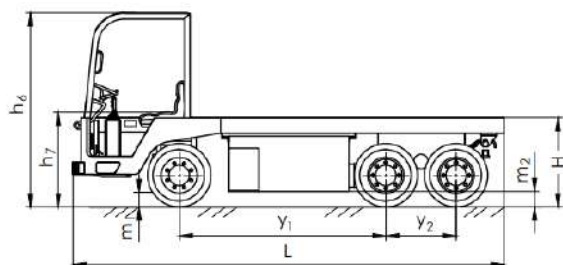
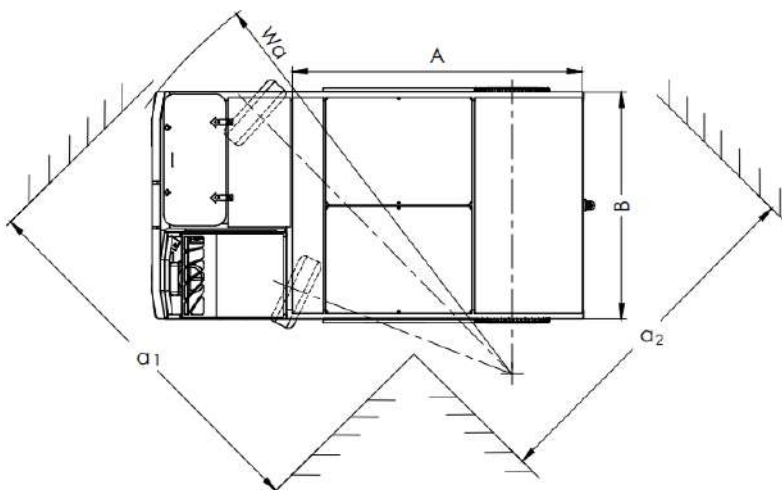
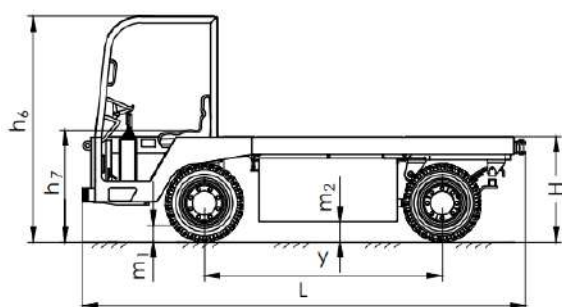
* Balkancar Rekord JSC reserves the right to introduce changes to the specifications and products without notice.



ELECTRIC PLATFORMS 5 - 15 t



ELECTRIC PLATFORM		SPECIFICATION					
1 Manufacturer		BALKANCAR RECORD JSC					
2	Type			ET 5	ET 10	ET 12	ET 15
3	Load capacity	Q	kg	5 000	10 000	12 000	15 000
4	Drive unit		Battery / diesel / LPG	Battery			
5	Type of operation		Pedestrian / rider seated / stand-on	Rider seated			
6	Overall dimensions	L	Length	mm	3500	4000	4600
7		B	Width	mm	1500	2100	
8		AxBxH	Size of the gantry	mm	2250x1500x950	2700x2100x 950	3300x2100x950
9		h6	Height of overhead guard, with cabin	mm	2070		
10	Turning radius	Wa	Outer turning radius	mm	4000	4200	4950
11	Drive control		Type	Impulse regulator			



* Electric platform in accordance with BDS EN 3691-1.

* Other variants of specifications and characteristics are possible.

* The specified parameters and dimensions are for reference and may differ from those printed in the table.

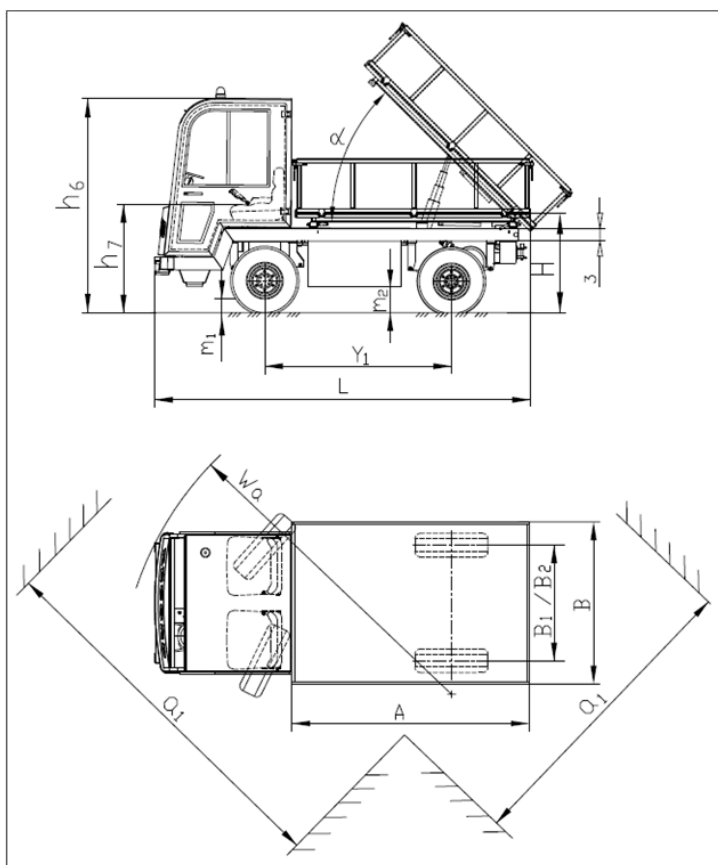
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ELECTRIC DUMPERS

ECOLOGICAL
MULTIFUNCTIONAL
ALLOWS THREE-SIDED DISCHARGE OF THE GOODS

ELECTRIC DUMPER			SPECIFICATION		
1	Manufacturer		BALKANCAR RECORD JSC		
2	Type				ETC 2
3	Load capacity	Q	kg		2 000
4	Drive unit		Battery / diesel / LPG		Battery
5	Type of operation		Pedestrian / rider seated / stand-on		Rider seated
6	Overall dimensions	L	Length	mm	3550
7		B	Width	mm	1500
8		AxBxH	Size of the gantry	mm	2100x1450x940
9			Capacity	m ³	1,5
10		h ₆	Height of overhead guard	mm	2000 /with cabin/
11	Turning radius	Wa	Outer turning radius	mm	3200
12	Drive control		Type		Impulse regulator



The electric dump truck is made in accordance with BDS EN 3691-1.

* Variants other than the specified specifications, features and batteries are possible.

* The specified dimensions and parameters are for reference and are achieved under standard test conditions.

They can change depending of the operating mode and the respective possible variants of the machine.

* "Balkancar Record" reserves the right to make changes to the specifications and products without notice.

WE SHARE YOUR IDEAS



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<http://www.balkancar-record.com>



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