

REFERR



Turn energy into motion
from 1888

**RER produces energy-efficient and
uncompromisingly reliable solutions for electric
vehicles with care for people's health and safety**



RER

69900 sqm
Total area



In numbers

75

Years of experience

700

Employees

50000

Motors

2050

Completed train sets



RER Values

TRADITIONS

We take pride in our rich history and achievements of our enterprise, which serve as a foundation for our production traditions

CUSTOMER FOCUS

Our customers' goals and objectives are our top priority. RER exerts its efforts to manufacture reliable high-quality products to meet any needs and expectations.

DEVELOPMENT

Technological development and the ability to enter new market segments are major components of the business approach employed by RER.





Why RER

RER JSC is the largest manufacturer of traction drives and comprehensive solutions for electric transport in the Baltic States.

Uncompromising quality

We supply the customer only with tested equipment our team is firmly confident in. It allows our products to comply with the requirements, saving time and minimizing the possibility of error.

Affordable Price

We supply the customer only with tested equipment our team is firmly confident in. It allows our products to comply with the requirements, saving time and minimizing the possibility of error.

Full cycle

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Why RER

Savings on logistics

Well-established communication by trucks and trains allows us to reduce the cost of delivering our products to European assembly factories and guarantee that the customer always receives the whole order on time.

Excellent support

We provide services and consultations, conduct training on equipment installation, help in the commissioning process, and provide timely maintenance.

Such support:

- Speeds up commissioning
- Guarantees 100% quality control and compliance with safety regulations at all stages
- Protects our clients' businesses against possible risks
- Saves the company money on repairs.



All your business needs in one place

MANUFACTURING:

Electrical Equipment For Trains
Electrical Equipment For Passenger Cars
Electrical Equipment For The Subway
Urban Transport
Charging Stations For Electric Bus Transport
Renewable Energy Equipment

SERVICES:

Metalworking
Foundry Services
Impregnation And Winding Works
Laboratory Research
Repairs
SMD (Surface Mount Device)



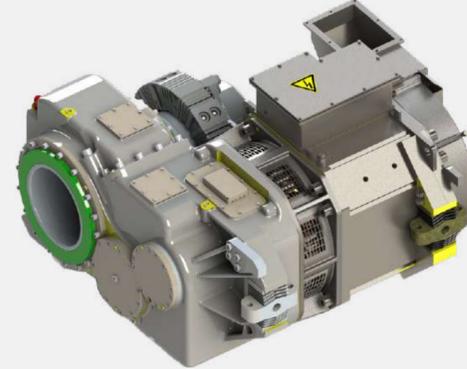
All your business needs in one place



AC TRACTION MOTORS
100 - 1000 kW Nominal voltage



DC TRACTION MOTORS
100 - 500 kW Nominal voltage



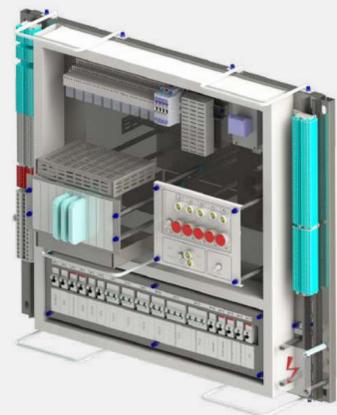
AC MOTOR GEAR UNITS
AC Motor gear units for 3kVDC, 600DC



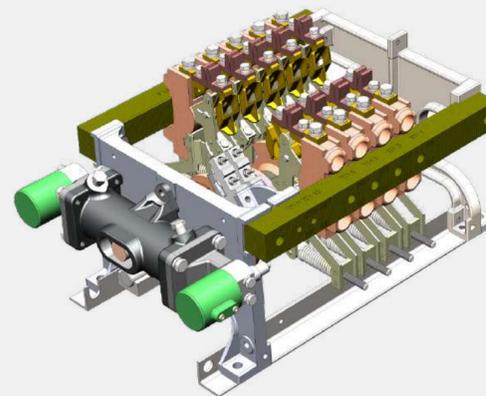
ALTERNATORS
Auxiliary and traction alternators



CONVERTERS (INVERTERS)
Auxiliary, network, autonomous converters



PANELS
Auxiliary, traction and braking system control panels



CONTROLLERS
Power, braking controllers, reversers



CONTROL BOXES
Stepper motor control and alternator power supply units



All your business needs in one place

CONTACTORS

Line and safety, auxiliary contactors

RESISTANCE UNITS

Start an braking resistance blocks for EMU

TRANSFORMERS

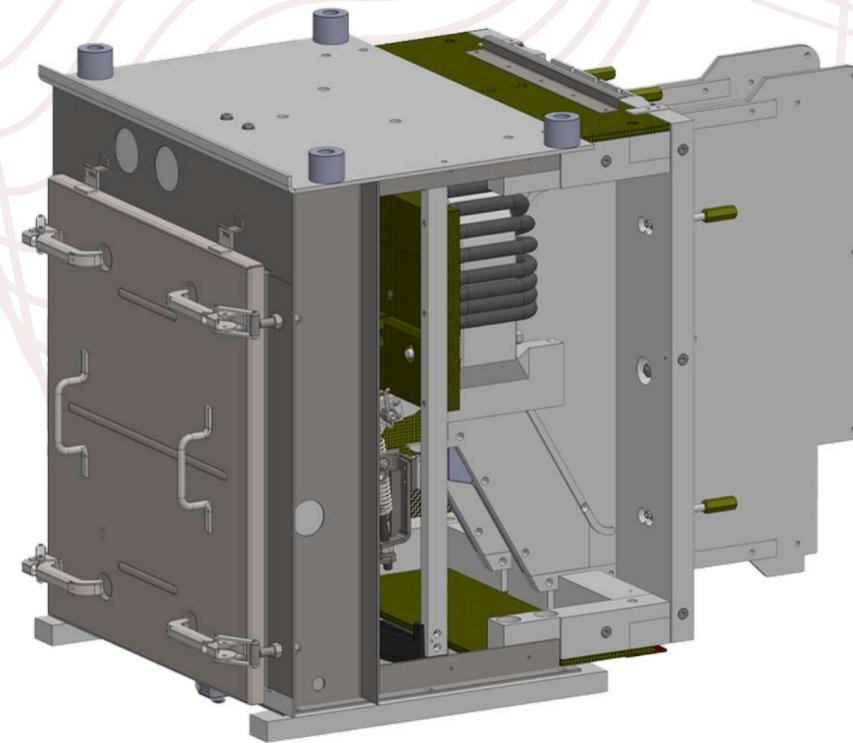
3-phase transformer for onboard power circuit

INDUCTORS AND CHOKES

EMC, short circuit current limitation chokes

HV DISCONNECTORS

High voltage disconnectors



RER Quality Of Operations

Our integrated management system is certified to ISO 9001:2015.

The implemented standards and procedures ensure efficient operation of all processes.

JSC RER performs welding according to the requirements of the European EN 15085-2 standard (Certificate ZE-16083-01-00-EN15085-2020.0118.004, certification level CL 2) and is ready to fulfill orders of any complexity.



RER Production and Technology Facilities

1 Parts and components machine

2 Winding and blank production

3 Blank production works for processing

4 Tool shop for the manufacturing of production tooling and special tools

5 Foundry

6 Quality control

7 Painting parts and components

8 Welding and stamping shop and the heat treatment plant



RER Various Methods of Metal Processing

CNC Turning

CNC Laser Cutting

CNC Punching

CNC Milling

SMD manufacturing

Aluminum die casting

Impregnation and winding works

Foundry services



RER Technical Capabilities in Product Lines

COMMUNAL VECHILE MOTORS

Electric trolleybus motors with power ratings of 105 to 250 kW.

SUBWAY CAR MOTORS

Electric traction motors with power ratings of 220 to 450 kW.

RAILCAR MOTORS

Electric traction motors for direct-current trains, alternate-current trains and direct current trains with an asynchronous electric drive of nominal capacity between 220 kW and 850 kW.

ELECTRICAL EQUIPMENT

Underflow auxillary equipment

TRACTION EQUIPMENT

3 kV, 25 kV

AUXILLARY/TRACTION GENERATORS

Generatorsl voltage from 50 to 800kW



COUNTRY

COMPANY NAME

TYPE OF EQUIPMENT

Switzerland	ABB Schweiz AG	Converters for railway trains
Czech Republic	Wikov Industry a.s. AC motor (380 kW) TRAM FOR ENVI s.r.o.	AC motor (380 kW) AC motor (180 kW) for trolleybus
Austria	Traktionssysteme Austria GmbH	Repairing of AC motors (500+ units)
Poland	H. Cegielski – Fabryka Pojazdów Szynowych Sp. z o.o. Pesa Bydgoszcz SA	Autonomous electrical equipment set for passenger cars (control panel, undercar electrical equipment boxes, induction generator)
Germany	Schaltbau GmbH	Contactors for railway trains
Mongolia	Ulaanbaatar Railway JVC	Autonomous electrical equipment set for passenger cars (control panel, undercar electrical equipment boxes, induction generator). The producer of passenger cars - TVZ JSC (Russia)
Slovakia	ZOS TRADING s.r.o.	Autonomous electrical equipment set for passenger cars (control panel, undercar electrical equipment boxes, induction generator)
Uzbekistan	Tashkent plant for the construction and repair of passenger wagons JSC	Complete propulsion system sets with motors for metro trains
Ukraine	"Bogdan Motors" JSC Trading House LITAN LLC POLYTECHNOSERVICE LLC Chernigov Automobile Plant LLC	AC motors (180 kW, 125 kW) and converter for trolleybus AC motor (180 kW) for trolleybus
Russia	Demikhovo Machinebuilding Plant JSC Tver Carrige Works JSC	Complete propulsion system sets with motors for electrical trains Complete propulsion system sets with gear - motors for electrical trains, autonomous electrical equipment set for passenger cars (control panel, undercar electrical equipment boxes, induction generator)
Republic of Belarus	Unitary Enterprise Belzheldorsnab of Belarusian Railway	Production of electrical equipment trains



**FOR MORE INFORMATION,
FEEL FREE TO CONTACT US**

Thank you!

