

RWS KZ

RAILWAY
MACHINE-BUILDING
CLUSTER

CATALOGUE 2026

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A close-up photograph of a single reinforced concrete rail bar, showing its rectangular shape and textured surface, set against a light blue background.

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REINFORCED
CONCRETE BARS

A close-up photograph of several green, S-shaped rail fastenings, highlighting their metallic texture and curved design.

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RAIL
FASTENINGS

A photograph of a railway track with a switch, showing the rails, sleepers, and green fastenings receding into the distance under a clear sky.

07

TRACK SWITCH
PRODUCTS

A close-up photograph of two solid-rolled wheels, showing their circular profile and metallic finish, with one wheel slightly behind the other.

09

SOLID-ROLLED
WHEELS

RWS KZ — KAZAKHSTAN'S LARGEST RAILWAY ENGINEERING CLUSTER,
PRODUCING ROLLING STOCK AND PERMANENT WAY COMPONENTS



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MAINTENANCE
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SERVICES



REINFORCED CONCRETE BARS

Fully automated production lines ensure high-quality performance of all technological operations **from mold preparation, reinforcement and concrete mixture compaction to finished products demolding and their storage**



Assortment

1. Prestressed reinforced concrete bars
2. Prestressed reinforced concrete sleepers

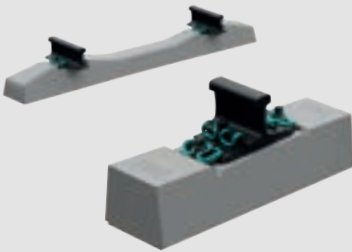
Annual output

2,342

sets

Product examples

PRESTRESSED CONCRETE SLEEPERS FOR 1520 MM GAUGE RAILWAYS

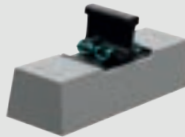


CONCRETE BARS WITH UNDER-SLEEPER PADS FOR RAIL EXPANSION JOINT

R65

CONCRETE BARS FOR DERAILERS

R65 AND R50,
1520 MM GAUGE



CONCRETE BARS FOR TRAMWAY SWITCHES

R50, R30

CONCRETE BARS FOR EQUAL-SPLIT TURNOUT

R65, 1/6 FROG RATIO,
1520 MM GAUGE



CONCRETE BARS FOR TURNOUTS

R65, 1/9 AND 1/11 FROG
RATIOS, 1520 MM AND 1435 MM
GAUGES

CONCRETE BARS FOR TURNOUTS

R65, 1/5 FROG RATIO,
1520 MM GAUGE
(FOR METRO YARD LINES)





RAIL
FASTENINGS

High-tech production, focused
on serial production of all rail fastening
elements and a variety of polymer
products



Assortment

1. Elastic clamps
2. Polymeric tie plates
3. Plastic dowels
4. Screw track-spikes
5. Angled guide plates
6. Other polymeric products

Annual output

4,000,000

polymeric tie plates

1,100,000

fastening sets

Product examples

METAL PRODUCTS



POLYMERIC PRODUCTS





TRACK SWITCH PRODUCTS

Production of track switches for mainline railroads, access roads of industrial facilities, metallurgical and ore processing plants, coal pits and mines

Assortment

1. Standard track switch of R65, R50 type, grade 1/7, 1/9, 1/11
2. Expansion joint of R65 type
3. Derailer of R50, R65 type of 1520 mm gauge
4. Dead crossing of R65 type, 2/9, 2/11 grades
5. Frog junction-piece of R50, R65 type, 1/6, 1/7, 1/9, 1/11, 2/9, 2/11 grade
6. Repair kit for stock rail w/ a point of R50, R65 type track switches of 1/6, 1/7, 1/9, 1/11 grades
7. OR65, OR50 type point rails, of grades 1/6, 1/7, 1/9 and 1/11, for railway turnouts
8. Symmetrical track switch of type R65, R50 type, grade 1/6
9. Double crossing track switch of R65 type, grade 1/9

Annual output

2,000

sets of track switches

2,600

junction pieces

60

derailers

1,960

repair kits

150

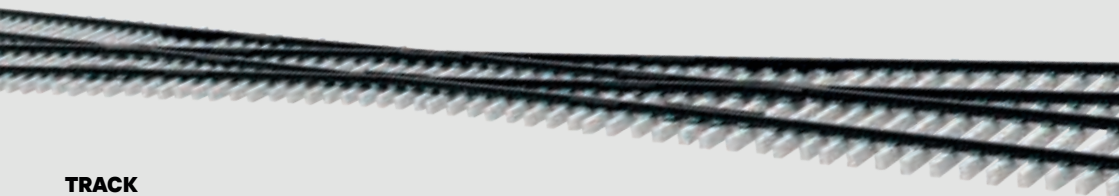
expansion joints

Product examples

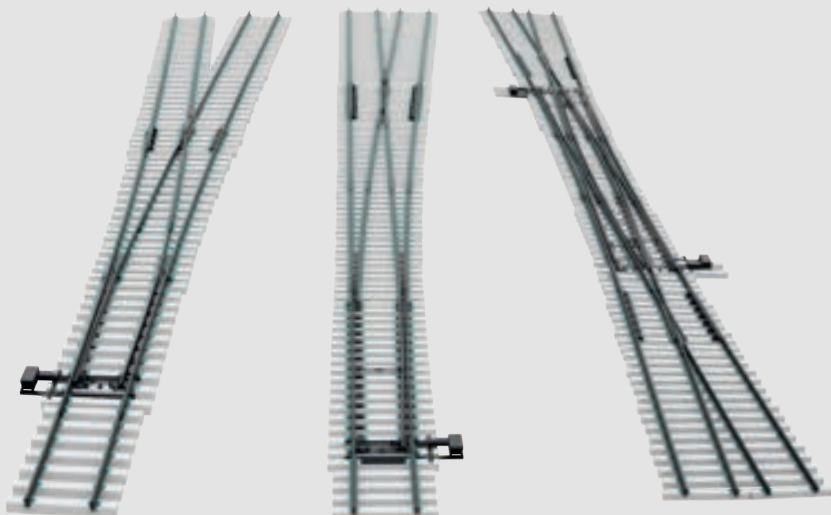
TRACK SUPERSTRUCTURE ELEMENTS



CROSSINGS



TRACK SWITCHES





**SOLID-ROLLED
WHEELS**

A unique, fully automated production of a wide range of **solid-rolled wheel sizes for passenger and freight railway transport**, locomotives, as well as subway and urban rail transport



Assortment

Ø 750 - 1250 mm

wheel product size range

Annual output

300,000

wheels

Product examples

Ø 1050 MM

FOR FREIGHT AND SHUNTING
LOCOMOTIVE BOGIE
WHEELSETS

Ø 920 MM

FOR THE EUROPEAN
RAILROAD NETWORK

Ø 1250 MM

FOR HIGH-SPEED PASSENGER
ELECTRIC LOCOMOTIVES

Ø 957 MM WITH S-SHAPE WEB

FOR FREIGHT AND PASSENGER
RAIL CAR BOGIE WHEELSETS
OF LOCOMOTIVE TRACTION

GEAR WHEEL BLANK

FOR MANUFACTURE OF GEAR
WHEELS APPLIED IN TRACTION
TRANSMISSIONS OF FREIGHT
ELECTRIC LOCOMOTIVES

Ø 860 MM

FOR BOGIE WHEELSETS
OF METRO COACHES





FORGING AND TIRE PRODUCTS

Output of rough tires, rolled wheel centers, gear wheel blanks, rough axles, deformation tools, rolled metal products of a wide range of standard sizes using automated production planning and control system



Assortment

1. Locomotive tires Ø710-1256 mm
2. Rings and tires Ø500-2200 mm
3. Rough locomotive and railcar axles and forged pieces weighing 300-1100 kg
4. Gear wheel blanks of traction rolling stock
5. Forgings for manufacturing deformation tools up to 1100 kg in weight
6. Rolled wheel centers

Annual output

88,000 **36,000** **42,000**

tires for locomotives

rough locomotive
and rail car axles

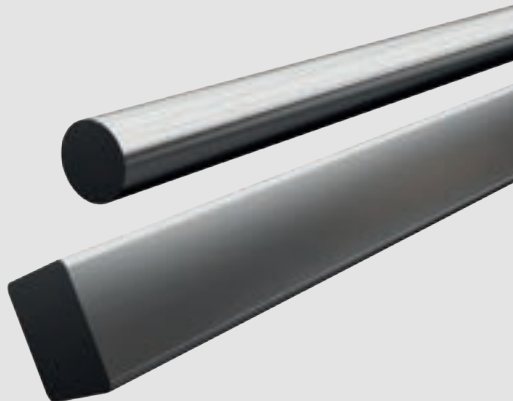
gear wheel blanks

Product examples

ROLLED RING PRODUCTS



SEMIFINISHED STEEL PRODUCTS



FORGED PRODUCTS



PRESSWORK PRODUCTS





WHEELSETS AND AXLES

Unparalleled in the world, **automated axle mechanical machining and wheelset assembly line**, designed and manufactured by European engineers to an individual customized order



Assortment

1. Wheelsets without axleboxes of freight wagons
2. Wheelsets with axleboxes of freight wagons
3. Finished axles for wheelsets of freight wagons and passenger railcars
4. Overhaul and medium repair of freight wagon and passenger car wheelsets

Annual output

up to

20,000

pieces of wheelsets

up to

42,000

pieces of railroad axles

Product examples

WHEELSET WITHOUT AXLEBOXES OF RV2SH TYPE

GOST 4835-2013



WHEELSET WITH AXLEBOXES OF RU1SH TYPE

GOST 4835-2013



WHEELSET WITH CASSETTE TYPE AXLEBOXES OF RV2SH

GOST 4835-2013



FINISHED AXLE OF RU1SH TYPE

GOST 33200-2014



FINISHED AXLE OF RV2SH TYPE

GOST 33200-2014



WHEELSET WITHOUT AXLEBOXES OF RU1SH TYPE

GOST 4835-2013



ROLLING
STOCK

**Production and repair of railway
rolling stock, wheelsets**



Assortment

1. Passenger rail transport
2. Two-axle bogies for freight wagons
3. Wheelsets for freight cars
4. Freight wagons
5. Current uncoupled repair of freight wagons
6. Current, medium, and major overhaul repairs of RU1Sh type wheelsets

Annual output

500

passenger rolling stock
units

3,000

freight wagons

12,000

wheelsets

Product examples



EP3D ELECTRIC TRAIN

for suburban or regional passenger transit on 1520 mm gauge electrified railway lines. Train configuration - 6 cars

RA-3 RAIL BUS

for suburban passenger transit over distances up to 200 km on non-electrified 1520 mm gauge railway lines. Train configuration: 2 or 3 cars

PASSENGER COACHES (MODELS)

- compartment coach, model 61-4517;
- staff compartment coach, model 61-4529;
- open-plan coach, model 61-4516

BAGGAGE-MAIL COACHES

- model 61-4504;
- model 61-4505, with service compartments



TANK CAR FOR PETROLEUM PRODUCTS, MODEL 15-3214.

Carrying capacity: 69 t.
Tank volume: 88,0 m

GENERAL-PURPOSE GONDOLA CAR, MODEL 12-6773-01.

Carrying capacity: 70 t.
Body volume: 88 m.
Design service life: 32 years

GENERAL-PURPOSE FLATCAR, MODEL 13-6768.

Carrying capacity: 72,0 t.
Designed for the transportation of wheeled and tracked vehicles, large containers, and other uniformly distributed loads

FLATCAR FOR LARGE CONTAINERS, MODEL 13-6922.

Carrying capacity: 69 t.
Designed for the transportation of large containers

Freight wagon maintenance and overhaul services

PROVIDING FREIGHT WAGON MAINTENANCE
AND REPAIR SERVICES

**Annual capabilities
for maintenance and repairs**
16,000+ **34,000+**
wagons wheelsets

Services

01

Overhaul, depot repair, and routine maintenance of all types of freight wagons

04

Technical diagnostics of freight wagons to extend their service life

07

Repair of the entire range of spare parts for railcars

02

Overhaul, medium repair, and routine maintenance of wheel sets for freight wagons and passenger cars

05

Overhaul, medium repair, and routine maintenance of reduction gear and cardan drives in passenger cars

08

Overhaul of railcars with service life extension, including overhaul of specialized railcars to double their service life

03

Formation of wheel sets for freight cars from new elements (new axle plus new wheels) of the RU1Sh and RB2Sh types

06

Maintenance and routine repair of railcars with improved technical characteristics and enhanced load capacity

6 WRD, 1 WWW, 1 TOR

One of the leading freight wagon repair companies in Kazakhstan, with an extensive network of eight production branches.



Maintenance and overhaul of locomotives

PROVISION OF REPAIR, MODERNIZATION, SERVICING,
AND TECHNICAL MAINTENANCE SERVICES
FOR TRACTION ROLLING STOCK

**Annual capabilities
for maintenance and repairs
15,000+**

units of traction rolling stock



Services

01

Overhaul and life extension of VL80, VL40, and VL11 series electric locomotives and TEM2, TEM18, and TEM18DM shunting diesel locomotives

02

Maintenance and Scheduled Repair (TOU-8/SR, TO-8/TR-3, TO-7/TR-2, TO-6/TR-1, TO-3 TO-4, TO-2)

for VL80, VL40 series electric locomotives and TEM2, TEM18, TEM18DM shunting diesel locomotives;

Maintenance and Scheduled Repair (TO-7/TR-2, TO-6/TR-1, TO-3) for 2TE25KM series mainline diesel locomotives and TEM9 shunting diesel locomotives;

Maintenance (TO-2) and Scheduled Maintenance/Repair (TR-150, TR-600) for 2ES7 series electric locomotives

03

Assembly of TEM18DM series shunting locomotives

04

Overhaul and medium overhaul of main locomotive equipment
including electric machines, wheelsets, and diesel engines

05

Overhaul (KR) of SPS and SSPS:

KDE Cranes,

DGKu Rail Utility Vehicles,

MPT-4 and MPT-6 Rail Motorcars / Railcars

AS-5, AGD-1A, AS-1, and AGMu Motor Railcars

06

Major Overhaul (KR-2/KR, KR-1/SR) and Current Repair (TR-3, TR-2, TR-1) for OPE/AM and PE-2M traction units, EL-21 industrial electric locomotives

07

Modernization of traction rolling stock
Series: 2TE10MK, VL80, TE33A

08

Major Overhaul (KR-1) and Scheduled Maintenance / Repair (TO-8/TR-3, TO-7/TR-2, TO-6/TR-1, TO-3, TO-4) for ER9, ED9, and EP3D series electric trainsets

09

Technical/Scheduled Maintenance and Repair (SO-6/SR, SO-5/TR-3, SO-4/TR-2, SO-3/TR-1, SO-2,1/TO-3)

for 2TE10MK/VK series modernized mainline freight diesel locomotives;

TE33A next-generation mainline freight diesel locomotives;

TEP33A passenger diesel locomotives; CKD6E and TEM-KZ shunting diesel locomotives

13 branches

The company's production network covers all regions of Kazakhstan, both geographically and logistically



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PRODUCT LIST

RWS.KZ



KAZAKHSTAN
STRUCTURE 201B, D.A. KUNAYEV AVENUE,
EKIBASTUZ CITY, PAVLODAR REGION



+7 (7187) 22 69 61 +7 (7187) 22 69 62