

A high-angle photograph of a large freight wagon yard. The yard is filled with rows of green and red freight wagons. Some wagons have yellow and red stripes on their sides. The wagons are arranged in neat rows, and the perspective is from an elevated position looking down at the tracks.

**EUROPE'S LARGEST
FREIGHT WAGON
MANUFACTURER**

A dark blue banner with white text, positioned at the bottom of the page. The text reads 'DESIGN AND MANUFACTURE OF FREIGHT WAGONS FOR ANY CLIENT NEEDS'.

**DESIGN AND MANUFACTURE OF FREIGHT
WAGONS FOR ANY CLIENT NEEDS**

AT GLANCE

UNITED WAGON COMPANY (UWC) IS A VERTICALLY INTEGRATED HOLDING THAT FOCUSES ON DESIGN, MANUFACTURE, TRANSPORTATION AND SERVICE OF FREIGHT WAGONS

UWC'S TOP CLIENTS:



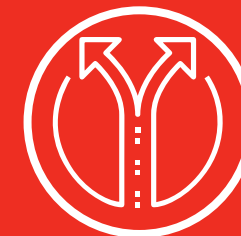
DESIGN

Within its own R&D center, the Company develops a broad range of freight wagons, improves the existing designs and production technologies.



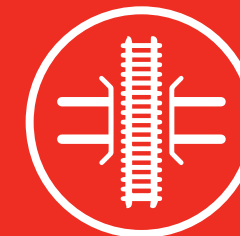
MANUFACTURE

UWC is the number one manufacturer of freight wagons in Europe. Advanced equipment and production management systems ensure that its products are of the highest quality. The Company runs components production joint ventures with Wabtec Corporation and The Timken Company.



LEASING

UWC is in TOP 5 players in Russia's operating leasing industry.



TRANSPORTATION

The Company transports freights for all major industries in the CIS. It's the largest professional operator of heavy-haul rolling stock fleet in Russia.



SERVICE

UWC guarantees reliability and safety of its products. The Company has established a wide service network that provides after-sales service for freight wagons.



Up to **32.5** tonne/axle load wagons
AAR, UIC and GOST standards
Up to **60** freight wagon modifications to be produced in the medium-term
>200 patents for inventions in Russia and abroad
3 months – specific freight wagon designing time

Production capacity per year:
>22,000 freight wagons
>90,000 tonnes of railways castings
30,000 freight wagons produced since 2012
+111% CAGR of wagon production (2012 - 2015)
3 freight wagon production facilities
4 component production facilities

>20 clients
16,000 leased freight wagons
100% freight wagon utilisation ratio
Core industries:
▶ Coal
▶ Chemicals
▶ Ferrous metals
▶ Grain
▶ Construction materials
▶ Other

50 bln tonne-km of freight turnover in 2015
12 mln tonnes of freight loading in 2015
15,500 operated freight wagons

>50 service centres in Russia and the CIS. The unique experience of establishing
6 training centres
Life cycle fleet management (maintenance and repairs)
After-sales service

WE MANUFACTURE FREIGHT WAGON CUSTOMISED TO CLIENT NEEDS

SPECIFIC PRODUCT DELIVERY CYCLE

15 days ▶

5 days ▶

2-3 months ▶

Based on the client's demands ▶



IDENTIFYING CLIENT'S NEEDS

- Meeting with client
- Creating a special working group
- Identifying features required by a client
- Identifying standards that freight wagon must meet



DEVELOPING A SOLUTION

- Cost estimate
- Time estimate
- Constant interaction with a client



CONTRACT AND PAYMENT TERMS

- Technical proposal
- Financial proposal
- Signing a contract



PROTOTYPE PRODUCTION

- Engineering
- Prototype production
- Testing
- Approval of prototype by client



MANUFACTURE AND DELIVERY

- Manufacture
- Acceptance by client
- Delivery



SERVICE

- After-sales service
- Establishment of service centres and spare parts stocks



PRODUCTION IN THE CLIENT'S COUNTRY

- Design of assembly kit
- Onsite staff training
- Local assembly

DESIGN ON GLOBAL SCALE

VAST COMPETENCE IN DEVELOPING WORLD-CLASS FREIGHT WAGONS



CONFIDENCE IN QUALITY

We are confident in the quality of our products. All freight wagon models are tested at modern railway testing centres equipped to conduct all types of testing on freight wagons, bogies, and cast parts in conditions that are as close as possible to the real ones.

COOPERATION WITH GLOBAL LEADERS IN BOGIE AND WAGON COMPONENTS DESIGN

TIMKEN

The joint venture with Timken features new innovative tapered roller bearing units in Russia with annual production capacity of 85,000 bearings.



Cooperation with Wabtec. The joint venture with Wabtec aims to manufacture high-tech rolling stock components. UWC has entered in a ten-year export contract with Wabtec for castings and components supply to the USA.



UWC is a member of the Association of American Railroads which unites the largest manufacturers of rolling stock and engineering equipment as well as railway infrastructure owners of North America. UWC is the first Russian member of the AAR.



>200
patents in Russia and abroad

>20
PhDs and Doctors of Science

>100
designers

up to
60
freight wagon modifications to be produced in the medium-term

MANUFACTURE ON GLOBAL SCALE

STATE-OF-THE-ART TECHNOLOGIES

IRIS

Quality Management System certified under IRIS standard

>100

industrial robots

20

automated lines

3

automated warehouses

22,000

freight wagons per year

65,000

wheelsets per year

80,000

tapered roller bearing units per year

90,000

tonnes of railway castings per year

DELIVER TO ANYWHERE IN THE WORLD



Visit our site for more information

Optimal location of production facilities - just 200 km away from Russia's major port in Saint Petersburg - ensures easy and timely delivery of our wagons and components to every client.

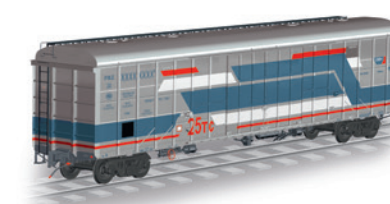
WE ARE READY TO BUILD ANY WAGON YOU NEED

COMPETENCE IN DESIGNING AND MANUFACTURING VARIOUS TYPES OF FREIGHT WAGONS

AAR

UIC

GOST



OPEN TOP WAGONS

TANK WAGONS

PLATFORMS

HOPPERS

BOX WAGONS

AXLE LOAD t/axle

20 / 23.5 / 25 / 27 / 32.5

BRAKE EQUIPMENT

AAR / UIC / GOST

COUPLING DEVICE

AAR / UIC / GOST

RAIL GAUGE mm

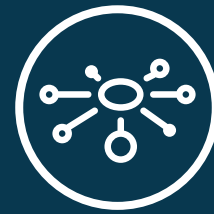
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SUPERIOR SERVICE

OUR EXPERTISE



After-sales service and stocking spare parts in any country



Experience in establishing a network of over 50 service centres in Russia and the CIS

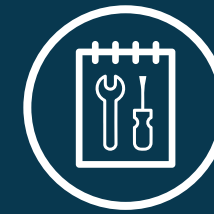


6 training centres

OUR ADVANTAGES



Minimum wagon downtime based on widely distributed spare parts stock



Increased wagon maintenance mileage



Service network quality management system



OUR TEAM

WE ARE OPEN FOR FRUITFUL COOPERATION



Maxim Kuzemchenko

Deputy CEO for Business Development at UWC /
CEO at UWC Trade House

“ Relying on our outstanding designing and manufacturing capabilities, we satisfy any clients’ needs and deliver the best value. ”



Andrey Krivchenkov

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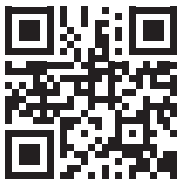


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