EUROPE’S LARGEST FREIGHT WAGON MANUFACTURER

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:

Europe’s largest freight wagon manufacturer

>200

patents for inventions in Russia and abroad

22,000

freight wagons per year

DESIGN

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

- 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

LEASING

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

- >20 clients
- 16,000 leased freight wagons
- 100% freight wagon utilisation ratio

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.

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

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.

- >50 service centres in Russia and the CIS. The unique experience of establishing 6 training centres
- Life cycle fleet management (mainenance and repairs)
- After-sales service
WE MANUFACTURE FREIGHT WAGON CUSTOMISED TO CLIENT NEEDS

SPECIFIC PRODUCT DELIVERY CYCLE

- 15 days -> IDENTITYING CLIENT’S NEEDS
  - Meeting with client
  - Creating a special working group
  - Identifying features required by a client
  - Identifying standards that freight wagon must meet

- 5 days -> DEVELOPING A SOLUTION
  - Cost estimate
  - Time estimate
  - Constant interaction with a client

- 2-3 months -> CONTRACT AND PAYMENT TERMS
  - Technical proposal
  - Financial proposal
  - Signing a contract

- Based on the client's demands -> 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.

Wabtec Cooperation

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.

R&D

DESIGN OF FREIGHT WAGONS AND BOGIES

CONSTRUCTION AND IMPROVEMENT OF PRODUCTION FACILITIES

DEVELOPMENT AND IMPLEMENTATION OF SERVICE TECHNOLOGIES

PROJECT COST MANAGEMENT

>200 patents in Russia and abroad
>20 PhDs and Doctors of Science
>100 designers
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

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.

Visit our site for more information
WE ARE READY TO BUILD ANY WAGON YOU NEED

COMPETENCE IN DESIGNING AND MANUFACTURING VARIOUS TYPES OF FREIGHT WAGONS

OPEN TOP WAGONS
TANK WAGONS
PLATFORMS
HOPPERS
BOX WAGONS

AXLE LOAD t/axle:
20 / 23.5 / 25 / 27 / 32.5

COUPLING DEVICE:
AAR / UIC / GOST

BRAKE EQUIPMENT:
AAR / UIC / GOST

RAIL GAUGE mm:
1000 / 1067 / 1435 / 1520
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.”

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