

BRIGHT COLORS IN PURE AIR



TW**KO**
PAINTING EQUIPMENT FACTORY

ABOUT TWEKO

TWEKO Painting Equipment Factory is a family-owned company founded in 1992.

In its early years, the company provided vehicle maintenance services and imported equipment for automotive service stations from Europe to Ukraine. From the very beginning, however, the founder's inventive and entrepreneurial approach drove the company beyond equipment imports. In 1995, we began manufacturing equipment for automotive service stations, and in 1998 the first TWEKO spray booth was produced.

Since its establishment, TWEKO has developed and manufactured dozens of models of lifting and handling equipment, equipment for surface cleaning and preparation, as well as systems for the application and drying of coatings, including primers, varnishes, paints, thermal insulation coatings and other materials.

Our primary goal is to create safe and comfortable working conditions for efficient surface preparation and painting operations across a wide range of industries — from individual painting services and small workshops to highly productive paint shops at large industrial and manufacturing facilities.



TWEKO's production facilities and administrative offices are located in Kyiv, Ukraine. The factory includes two production workshops with a total area of more than 1,200 m². They are equipped with machinery for sheet-metal bending, laser and plasma cutting, plate and profile rolling, turning, milling, sawing, drilling and other metalworking operations.

The factory also includes storage facilities for up to 50 tonnes of sheet and profile steel, material preparation, welding and assembly areas, as well as a fully operational spray and drying booth used for testing, development and demonstration purposes.

TWEKO has its own engineering and R&D department, with a permanent team of seven mechanical and electrical engineers. Our entire team actively contributes to the development and implementation of new technological solutions and the continuous improvement of existing equipment.

Over the years, we have built an extensive engineering database that includes a library of standard drawings as well as customised technical solutions. Our work is based on extensive practical experience in the design, manufacture and installation of industrial equipment. Many of our engineering solutions have also been developed in cooperation with research institutes.

Over the years, the TWEKO Painting Equipment Plant has designed, manufactured and installed more than 350 painting and drying systems for leading Ukrainian and international companies across a wide range of industries. Our extensive experience in developing and implementing surface treatment technologies enables us to successfully meet even the most complex challenges in the application of high-quality paint coatings.

> 350
**COMPLETED
PROJECTS**

CERTIFICATES AND PERMITS



CE CERTIFICATE OF CONFORMITY



ISO 9001 QUALITY CERTIFICATE



CERTEX CERTIFICATE OF CONFORMITY



Euro Standard Certificate of Conformity



EXPERT EXAMINATION CONCLUSION



TYPE EXAMINATION CERTIFICATE



TYPE EXAMINATION CERTIFICATE



STATE LABOUR SERVICE PERMIT



COMPANIES WE HAVE COMPLETED PROJECTS FOR

TWЕКО
PAINTING EQUIPMENT FACTORY



Our clients include leading machine-building and industrial companies. Ten of Ukraine's 100 largest enterprises have already purchased and operate TWEKO equipment.

Most railway wagons, armoured vehicles and UAVs manufactured in Ukraine are painted in TWEKO booths. Components for Mi helicopters, Antonov aircraft and launch vehicles produced by Pivdenmash are also painted using TWEKO equipment.

TWEKO equipment is used by more than 30 enterprises in Ukraine's state-owned defence industry, as well as by hundreds of private companies that are leaders in their respective sectors, dozens of critical infrastructure facilities, and enterprises of strategic importance to Ukraine.

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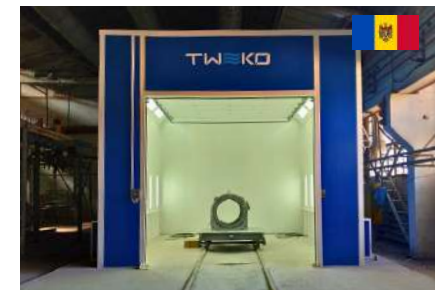
INTERNATIONAL PROJECTS



TWEKO successfully competes with leading international manufacturers of spray booths and abrasive blasting booths both in Ukraine and international markets. TWEKO equipment meets the requirements of customers in different countries and is designed and manufactured in accordance with international safety and quality standards.

The company actively participates in major international industry exhibitions, including the MSV International Engineering Fair (Brno, Czech Republic), Agromek (Herning, Denmark) and ITM Industry Europe (Poznań, Poland), providing opportunities to exchange knowledge and experience with leading global manufacturers such as Rösler Oberflächentechnik GmbH, SciTeeX Group and Sinto AGTOS GmbH, as well as other industry leaders.

TWEKO's international project portfolio spans France, Spain, Slovakia, the Czech Republic, Bulgaria, Lithuania, Moldova, Georgia, Hungary, Myanmar and Azerbaijan.



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CUSTOM DESIGN AND ENGINEERING



The implementation of custom-engineered projects has provided our team with invaluable practical experience, enabling us to offer much more than just equipment for paint shops. Our capabilities include:

- ✔ Development and implementation of coating application technologies;
- ✔ Design and manufacture of custom-built special-purpose machinery, including obtaining the necessary approvals and permits for its operation;
- ✔ Turnkey implementation of complete paint shop projects — from the development and approval of project documentation with the relevant local authorities, including environmental impact assessment (EIA) documentation, to utility connections, construction works of any complexity, and the manufacture, supply and installation of specialised process equipment.

MAIN PRODUCTS

A spray and drying booth is an integrated system designed to provide controlled conditions for the high-quality application and drying of protective or decorative coatings.

The booth maintains a continuous and uniform flow of clean air heated to the required temperature. The air filtration system effectively removes dust and other airborne particles that could enter the booth and contaminate the coating before it has dried.

A correctly designed supply and exhaust ventilation system maintains slight positive pressure inside the booth, helping to prevent dust and contaminants from entering the working area from the surrounding environment.

The booth provides all the conditions required for the complete coating process — from the application of coating materials to their subsequent drying — while maintaining the temperature and process times set by the operator.

The system can be used with a wide range of coating materials, including primers, paints, water-based paints, enamels, varnishes and other industrial coatings.

TW**KO**

MAIN PRODUCTS

TWWEKO
PAINTING EQUIPMENT FACTORY

An abrasive blasting booth is an integrated system designed to provide safe working conditions for the fast and efficient removal of rust, mill scale, paint and other contaminants from the surfaces of various products. The system automatically collects, separates and recovers the abrasive media for reuse. It also collects debris and filters the dust-laden air generated during the blasting process. By automating abrasive handling, recovery and air filtration, the booth allows the operator to focus on achieving the required surface preparation quality.

A wide range of abrasive media can be used, depending on the material and surface treatment requirements, including steel shot and grit, cast iron shot and grit, glass beads, aluminium oxide, boron carbide, silicon carbide and other blasting media.

The abrasive blasting booth provides a complete abrasive circulation cycle, including abrasive delivery, collection, separation, recovery and return for reuse.



ABRASIVE BLASTING BOOTHS

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MAIN PRODUCTS

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The UDO2000-6 automatic through-feed multifunctional shot blasting machine is designed to remove rust, mill scale and other contaminants from steel plates, beams, angle profiles and pipes.

The shot blasting process cleans metal surfaces while creating the required surface roughness and preparing them for the subsequent application of protective coatings. Shot blasting significantly improves coating adhesion and helps extend the service life of metal products.

The UDO2000-6 provides surface preparation to Sa 2½ in accordance with ISO 8501-1. At this preparation grade, the surface is free from visible oil, grease and dirt, as well as mill scale, rust, paint coatings and other foreign matter.

Any remaining contamination is limited to slight stains in the form of spots or stripes.

The equipment includes a roller conveyor, blasting chamber, shot blasting turbines, an air separator for separating abrasive media from dust, an abrasive cleaning and recovery system, a dust extraction system, a longitudinal roller conveyor, an automatic control system and other auxiliary components.

AUTOMATIC SHOT BLASTING MACHINES

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ADDITIONAL EQUIPMENT FOR EFFICIENT OPERATION

Lifting and travelling platforms are installed along both sides of the spray and drying booth and provide painters with fast and safe access to all areas of large workpieces. The platforms are driven by pneumatic actuators designed for long-term operation. They can be controlled directly from the work basket at any operating height. The control panel inside the basket allows the operator to move horizontally along the booth, raise or lower the platform, and extend the basket from the booth wall towards the workpiece.

The platforms significantly improve access to large workpieces, can reduce painting time by a factor of 2–3, and provide safer working conditions for operators.

PARAMETER	UNIT	VALUE
Maximum load capacity	kg	150
Travel speed at an operating pressure of 6–8 bar	m/min	4



AUXILIARY EQUIPMENT FOR EFFICIENT OPERATION

The rail-mounted transfer cart is designed for transporting various products and loads between production areas located within the same building or in separate facilities.

The cart consists of a heavy-duty welded platform with running wheels mounted underneath. Longitudinal and transverse rigidity is provided by robust steel profiles forming the structural frame of the platform.

The upper surface of the cart is flat and fully covered with 3–4 mm thick chequered or expanded metal sheet. Longitudinal channel-section stiffeners beneath the deck prevent deflection under load.

The frame is equipped with single-flanged rail wheels. The cart can be manufactured for virtually any required track gauge.

PARAMETER	UNIT	VALUE
Overall dimensions, W × L	m	2 x 6
Maximum load capacity	t	20



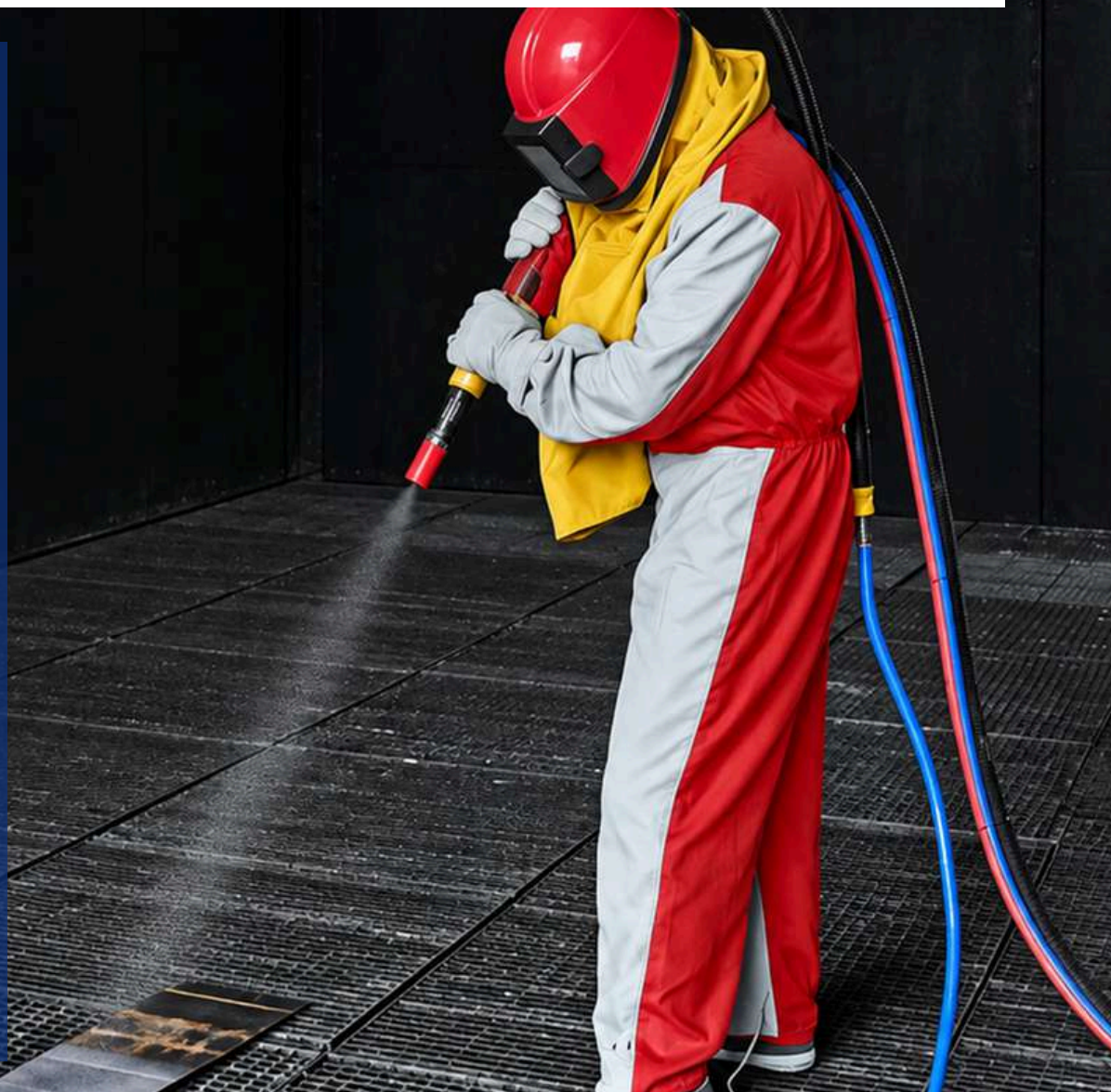
ABRASIVE BLASTING EQUIPMENT

An abrasive blasting machine is designed to remove various contaminants from surfaces, including rust, paint, mill scale and other deposits.

The machine uses the energy of compressed air to accelerate abrasive particles and direct them through a blasting nozzle onto the surface being treated. The high-velocity abrasive particles impact the surface and remove loosely adhering layers such as paint coatings, rust, mill scale and other contaminants.

PARAMETER	UNIT	VALUE
Cleaning class	SA 2	
Tank diameter	mm	609
Tank height	mm	1480
Max. operating pressure	bar	12
Tank capacity	l	200
Air consumption, at a pressure of 8 bar	m ³ /min.	9 – 16,1
Surface treatment speed	m ² / hour	21 – 37
Average abrasive consumption	kg/m ²	28 – 32

The specified cleaning performance is theoretical, calculated when cleaning a flat surface of primary metal by a qualified operator.



ABRASIVE BLASTING KIT WITH PERSONAL PROTECTIVE EQUIPMENT

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AUXILIARY EQUIPMENT FOR EFFICIENT OPERATION

Protected lifting and travelling platforms are installed on both sides of the abrasive blasting booth and provide operators with fast and safe access along the entire length of large workpieces.

The platforms are driven by electric motors protected against abrasive dust and designed for long-term operation. The platforms can be controlled directly from the work basket at any working height. The control panel inside the basket allows the operator to move horizontally along the booth, raise and lower the platform, and extend the basket from the booth wall towards the workpiece.

The platforms can reduce the blasting time of large workpieces by 2–3 times while providing safer and more comfortable working conditions for operators.

PARAMETER	UNIT	VALUE
Maximum load capacity	kg	150
Travel speed at an operating pressure of 6–8 atm	m/min	4

COMPLETED PROJECTS

TWKO
PAINTING EQUIPMENT FACTORY

 **METINVEST**

ЗС

SPRAY PAINTING AND ABRASIVE BLASTING COMPLEX

Zaporozhye Foundry and Mechanical Plant, Zaporozhye, Ukraine

COMPLETED PROJECTS

TWINKO
PAINTING EQUIPMENT FACTORY



 **ВЕРТИКАЛЬ**

MOBILE SPRAY AND DRYING BOOTH

LLC «VERTIKAL», Kharkiv, Ukraine

COMPLETED PROJECTS

TWKO
PAINTING EQUIPMENT FACTORY

TWKO
PAINTING EQUIPMENT FACTORY

 **ВЕРТИКАЛЬ**

MOBILE SPRAY AND DRYING BOOTH

LLC «VERTIKAL», Kharkiv, Ukraine

COMPLETED PROJECTS

TWKO
PAINTING EQUIPMENT FACTORY



SPRAY AND DRYING COMPLEX

“Kryukov Railway Car Building Works” PJSC, Kremenchug, Ukraine

COMPLETED PROJECTS

TWKO
PAINTING EQUIPMENT FACTORY



TECHNO **WAGY**

SHOT BLASTING BOOTH

Plant of weighing equipment "Technowagy" Ltd, Lviv, Ukraine

COMPLETED PROJECTS

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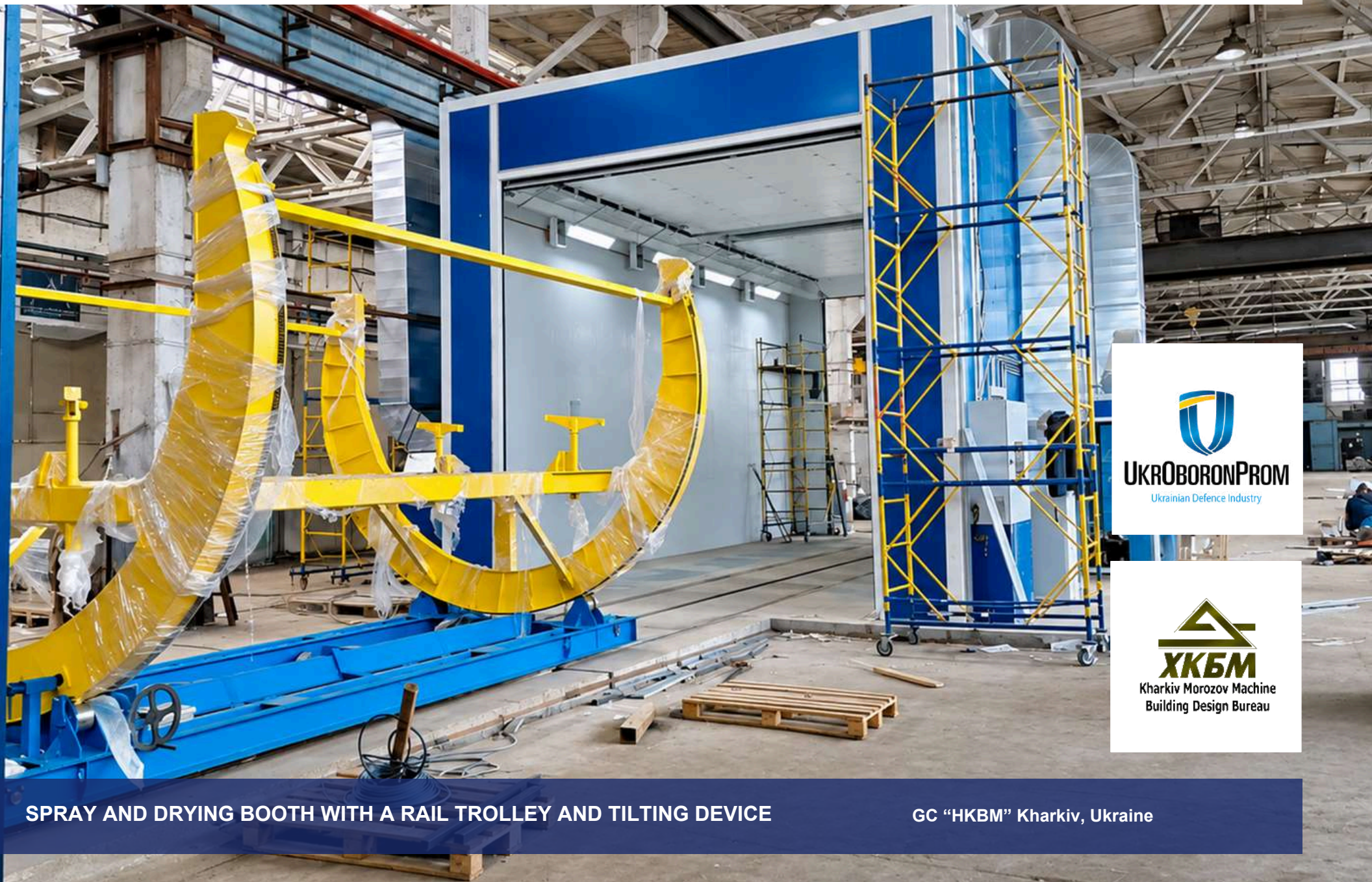
Autostrada
EXPERIENCE · INNOVATIONS · QUALITY

SPRAY BOOTH WITH MOBILE LIFTING PLATFORMS

LLC "PRODUCTION COMPANY "AUTOSTRADA", Vinnytsia, Ukraine

COMPLETED PROJECTS

TWINKO
PAINTING EQUIPMENT FACTORY




UKROBORONPROM
Ukrainian Defence Industry


ХКБМ
Kharkiv Morozov Machine
Building Design Bureau

SPRAY AND DRYING BOOTH WITH A RAIL TROLLEY AND TILTING DEVICE

GC "HKBM" Kharkiv, Ukraine

COMPLETED PROJECTS

TWKO
PAINTING EQUIPMENT FACTORY




UKROBORONPROM
Ukrainian Defence Industry


SpecOboronMash

PAINTING AREA FOR MILITARY EQUIPMENT

«SpecOboronMash», Malin, Zhitomyr, Ukraine

COMPLETED PROJECTS

TWKO
PAINTING EQUIPMENT FACTORY



KASO SERIES SHOT BLASTING BOOTH

Mykolaiv Armored Plant, Mykolaiv, Ukraine

COMPLETED PROJECTS

TWEKO
PAINTING EQUIPMENT FACTORY



THE SHOT BLASTING, PREPARING AND SPRAYING BOOTHS

TDS Ukrspetstechnika LLC, Brovary, Ukraine

COMPLETED PROJECTS

TWKO
PAINTING EQUIPMENT FACTORY

DNIPRO VAGON MASH
TAS GROUP

SPRAY BOOTH WITH 4 MOBILE LIFTING PLATFORMS

TAS DNIPROVAGONMASH LLC, Kamenskoye, Ukraine

COMPLETED PROJECTS

TWINKO
PAINTING EQUIPMENT FACTORY



SHOT BLASTING BOOTH WITH RAILWAY TROLEY

Myanmar

COMPLETED PROJECTS

TWKO
PAINTING EQUIPMENT FACTORY



AUTOMATIC SHOT BLASTING MACHINE

Myanmar

PAINING PROCESS IN THE SPRAY BOOTH

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PAINTING EQUIPMENT FACTORY

TAD manufacture of
machinery

PAINTING OF A BIG TRUCK TRAILER

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PAINTING PROCESS IN THE SPRAY BOOTH

TWKO
PAINTING EQUIPMENT FACTORY

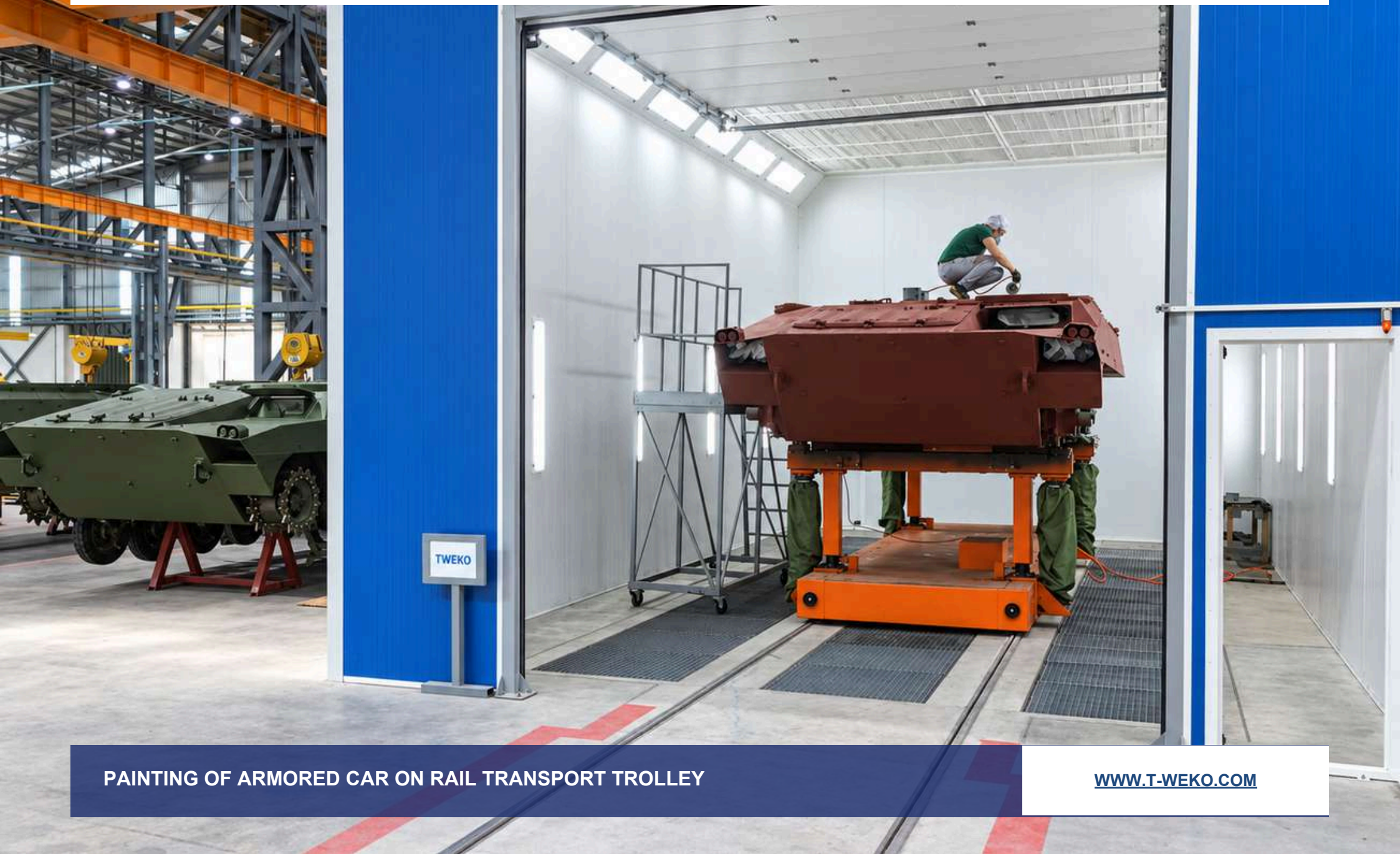
DNIPRO VAGON MASH
TAS GROUP

PAINTING A RAILWAY WAGON

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PAINING PROCESS IN THE SPRAY BOOTH

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PAINTING OF ARMORED CAR ON RAIL TRANSPORT TROLLEY

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THANK YOU FOR YOUR ATTENTION!

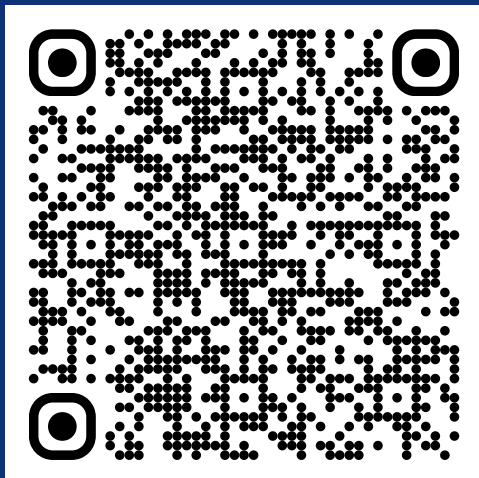
The team of TWEKO plant wish you
improving working conditions, improving your
products quality and accelerating your business.

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