

 **NOZZITEC**

Power By Nature, Quality By Choice

CATALOGUE



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About Us

The NozziTec story is one of passion and experience acquired over a decade of working with leading companies in the manufacture and service of dry ice cleaning equipment. We recognised the immense potential in this promising industry and decided to broaden our knowledge to improve our technology even more and take it to a whole new development level.

NozziTec – the Leader of Dry Ice Cleaning Technology

Today, we pride ourselves on our status as an industry leader in the manufacture, installation, and maintenance of dry-ice cleaning equipment. Nevertheless, we continue to emphasise innovation, constantly improving and modifying our products utilising state-of-the-art technology to provide our customers with even more efficient solutions.



NozziTec's activities focus on the following areas:

- Part and accessory production – we offer high-end parts and accessories, including applicators, blow hoses or nozzles, designed and manufactured in compliance with the strictest quality and safety standards, as well as cutting-edge engineering, including CNC technology.
- Spare parts distribution – over the years of working as professionals in the sphere of servicing and manufacturing of machines and accessories, we have established solid relationships with leading spare parts manufacturers from Poland and other countries.
- Dry ice cleaning machine maintenance and servicing – we understand how important it is to maintain the equipment in top condition, so we provide a comprehensive service for our customers' machines, offering repair, maintenance, parts replacement and rapid diagnosis of any faults.
- Dry ice machinery maintenance and servicing – we also ensure effective servicing of dry ice production and moulding machinery to guarantee their reliability and efficient operation.
- Training and installation – we bring the knowledge and qualifications to carry out professional training and installation of equipment at our customers' premises.



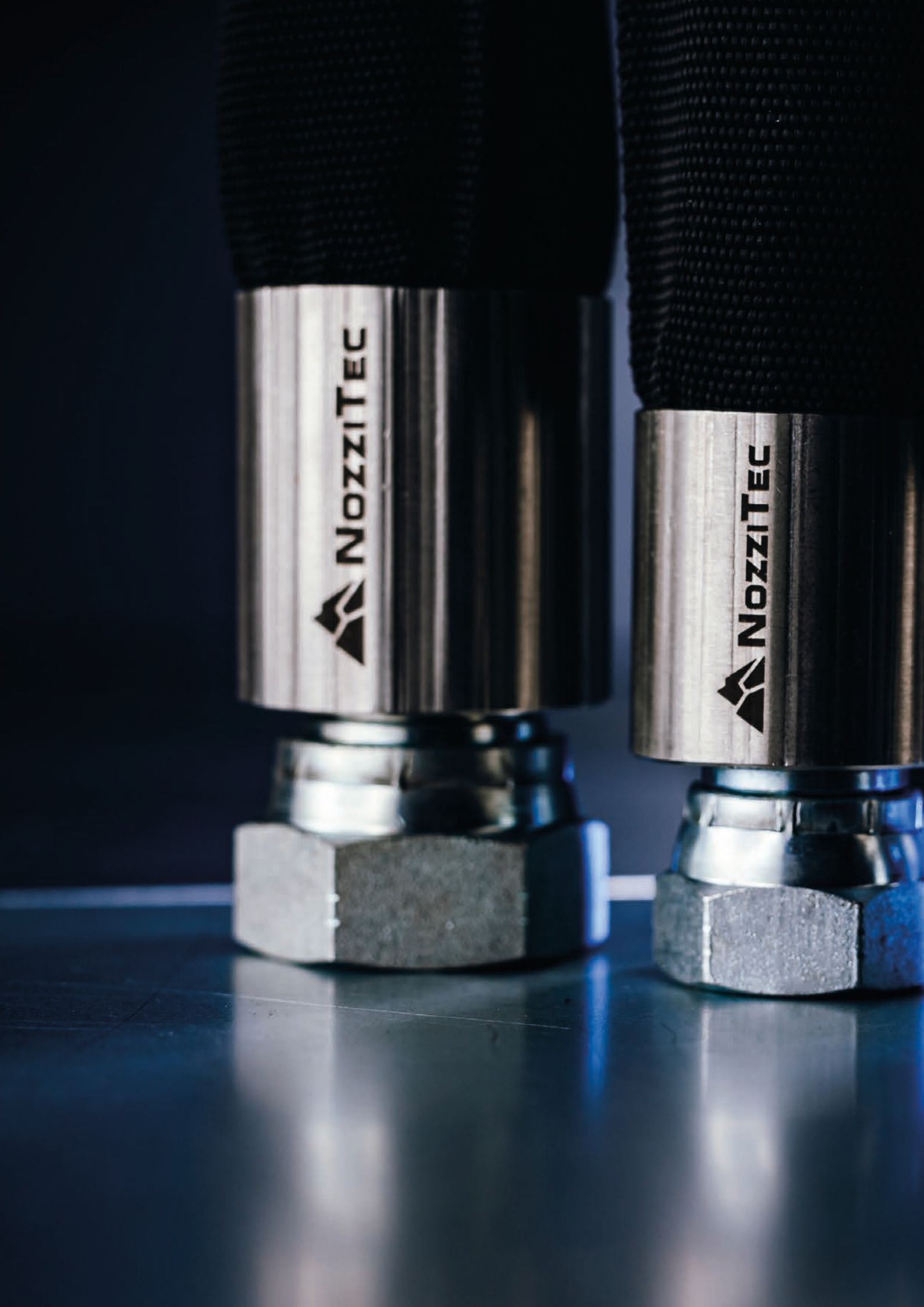
NozziTec – Support and Consultancy At Every Cooperation Stage


Our specialist team provides comprehensive support, expert assistance and advice at every stage of cooperation – from discussions and valuations through installation and training to equipment maintenance. At NozziTec, we are not just in the business of selling products and servicing machines. We prioritise long-term relationships based on trust and professionalism as well. We value innovation and continuous refinement of products and services to meet the demands of the rapidly growing dry-ice-cleaning technology market.

NozziTec – a Partner You Can Count On

A collaboration with NozziTec guarantees high-quality service, a partnership approach and excellent results. Contact us if you wish to find out more about how we can support your business!





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NOZZITEC'S SPARE PARTS AND ACCESSORIES LINE

The NozziTec range includes the spare parts and accessories line essential for professional cleaning solutions. Our products combine innovation, durability, and ease of use, ensuring they are indispensable components for work in many industries.



UltraApp Cleaning Applicators

UltraApp applicators, also known as cleaning guns, excel in exceptional lightness and durability. The plastic housings feature a NozziHard coating, increasing their durability by up to five times. That makes the applicators extremely resistant to mechanical damage. They are also equipped with LED lighting, enabling precise cleaning even in hard-to-reach areas. Simple operation and a high-quality electrical cable resistant to water and damage ensure comfortable working and long-lasting use.



NozziFlex Blast Hoses

Blow hoses should be lightweight, flexible, and robust. And that's exactly what you can count on when choosing hoses from the NozziFlex range. They represent the lightest and most durable solutions of the type on the market, available in standard lengths of 3.70 m, 6.00 m, 7.50 m and 10.00 m, and equipped with double crimps to increase operator safety. Customised hoses are also available on request

We manufacture hoses out of high-quality rubber or silicone elastomers as a standard.

We also manufacture pneumatic hoses to supply equipment.

NozziFlex hoses can be fitted with three types of covers:

- **Fire Cover** – a fire, abrasion, oil, and most industrial chemicals resistant cover. It is ideal for extreme conditions such as steelworks or glassworks. (Maximum temperature range is -54°C to $+260^{\circ}\text{C}$, although short periods can withstand up to $+1650^{\circ}\text{C}$).
- **Silicon Sleeve** – abrasion and UV-resistant flexible cover.
- **Textile Sleeve** – high-quality cover for hydraulic and pneumatic hoses. It is characterised by resistance to abrasion, chemicals and UV radiation, as well as low electrical conductivity.



NozziFlow Nozzles

NozziFlow nozzles are designed to achieve maximum cleaning efficiency in different conditions. They meet the highest requirements for cleaning both extensive surfaces and hard-to-reach areas.

NozziTec offers the following nozzles:

- **Extreme Nozzles** – enable cleaning at different angles and adapt to special applications.
- **Precision Nozzi Nozzles** – designed for thorough cleaning with micro-particles. They are ideal for cleaning hard-to-reach areas with minimal air consumption.
- **High Flow** – straight nozzles having an air consumption of over 3.0m³/min at 6.6 bar.
- **Low Flow** – nozzles featuring low air consumption of 2.6m³/min at 6.5 bar.

At NozziTec, we strive for perfection, offering products that not only meet but even exceed our customers' expectations. Our spare parts and accessories line guarantees reliability, durability and superior quality.



Repair Packages

Repair packages include kits of parts that typically break, and a ready-made bundle with parts comes ready for quick replacement by the machine operator when needed.

Service Kits

Service kits represent packages of parts to be replaced after a certain amount of operating hours, regardless of whether they are currently working correctly or not.







PARTS PRODUCTION AT NOZZITEC

We specialise in the production of premium parts suitable for use in dry ice cleaning and dry ice production machines. Our high-tech solutions put us at the forefront of the industry, offering reliable machine components.

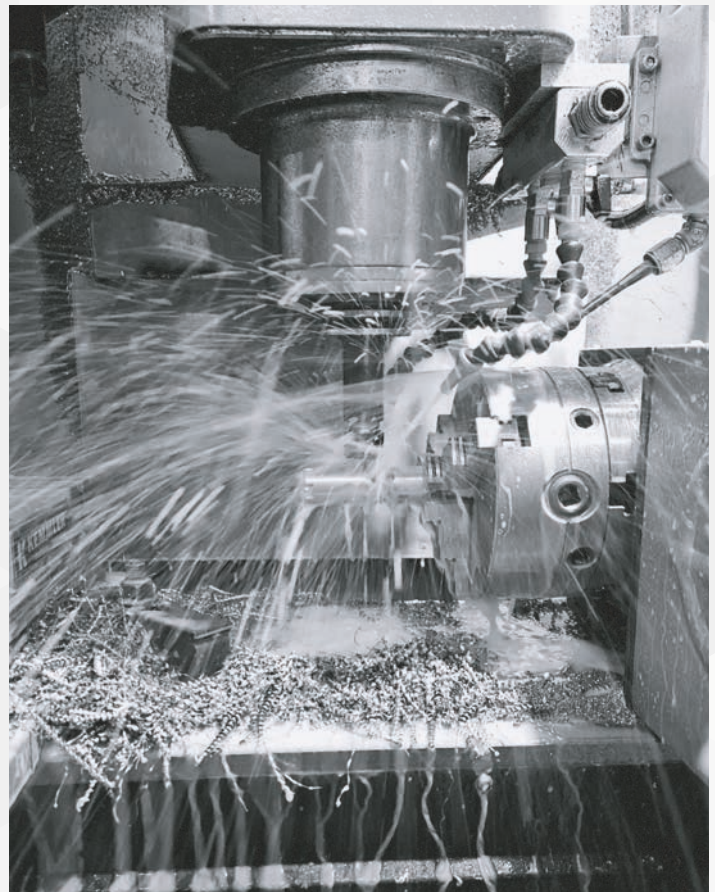
State-of-the-art Machinery Fleet

We boast in-house, cutting-edge machinery equipped with reliable HAAS products. Consequently, we meet the expectations of the most demanding contractors and provide our customers with the finest quality products.

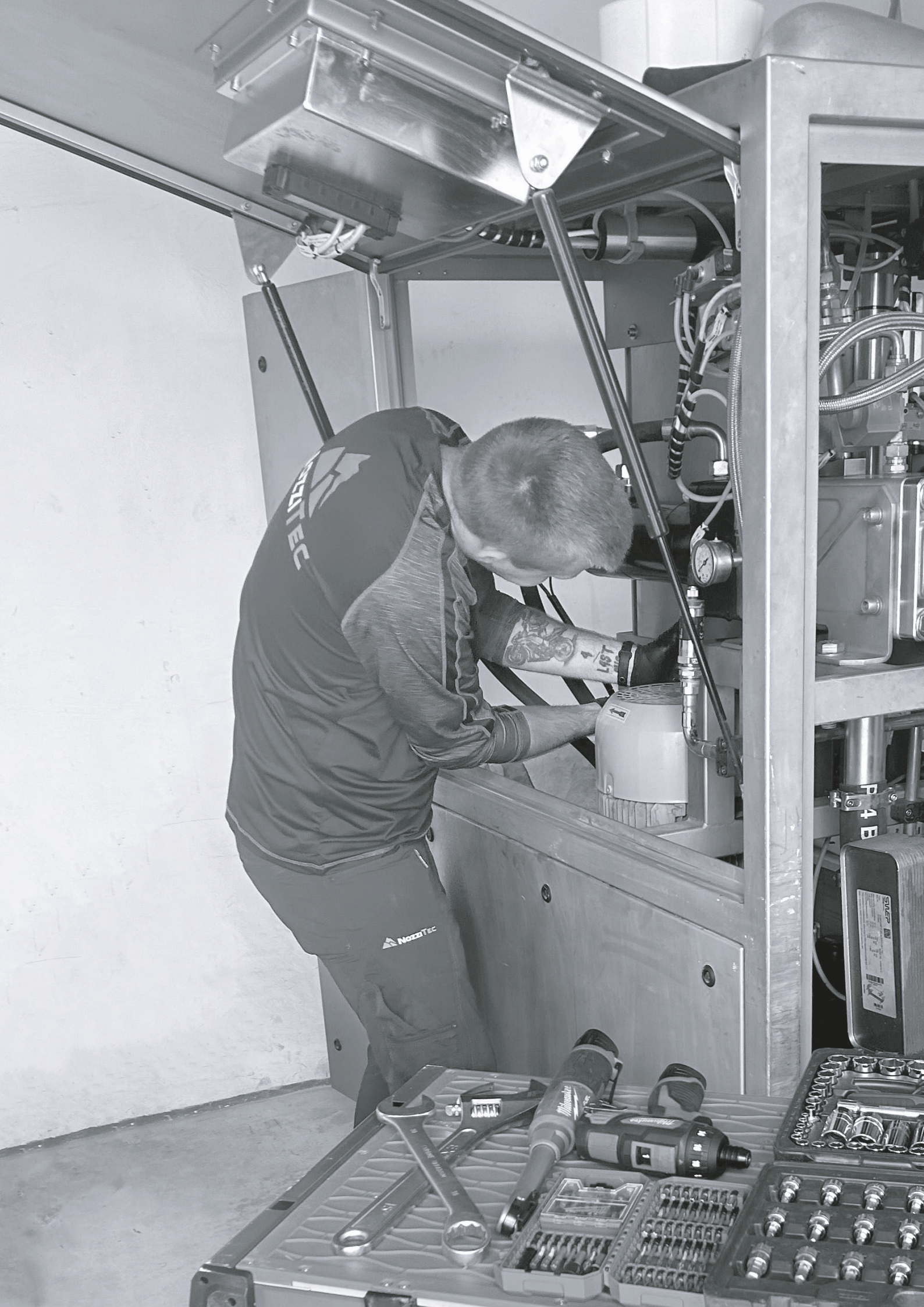
Advanced Production Methods

Our team has mastered the CNC milling method to perfection, ensuring that we are able to produce individual prototypes and end-use parts – in as little as one day. We use both 3-axis CNC milling and indexed 5-axis machining, which enables us to create complex parts with the utmost accuracy. We use more than 30 different technical plastic and metal materials for production, providing a multitude of customisation options to meet the specific needs of our customers.

Parts production with CNC machinery requires extreme precision and state-of-the-art technology. The choice of the appropriate machining parameters is crucial to manufacturing high-quality parts. Hence, we treat each order individually, adapting our processes to the specific customer's requirements.









DRY ICE PRODUCTION AND MOULDING MACHINE MAINTENANCE SERVICE

NozziTec's qualified team of specialists ensures your equipment's reliability and long-lasting performance. We offer comprehensive maintenance services, including repairs, parts replacement, fault diagnosis and periodic inspections.

Repair

All repairs of our equipment are carried out by highly qualified staff. Our stock of spare parts means that repair times are reduced to a minimum. We quickly identify and rectify any faults, ensuring the continued operation of our customers' equipment.

Parts Replacement

As a spare parts manufacturing and distribution company, we source components from the world's top manufacturers of electrical, pneumatic and hydraulic components. Cooperation with delivery companies guarantees that our parts reach our customers swiftly and efficiently, minimising machinery downtime.

Fault Diagnosis

Advanced technology and an experienced team allow us to diagnose faults quickly and accurately. Accurate analysis, expertise, and experience mean that we can promptly undertake appropriate corrective action, enhancing service efficiency and minimising your costs.

Periodic Maintenance Inspections

Periodic inspections are our most frequently performed service. We carry them out every 2,000 hours of equipment operation or once a year – whichever comes first.

Our inspection services include:

- Service parts replacement – CO2 filters, seals, oil filters, pistons.
- Inspection of oil and pneumatic connections.
- Inspection of electrical connections, solenoid valves and control system.
- Verification of individual components of the Pelletiser and the operation of the entire machine.

Regular maintenance keeps machines in perfect working order, contributing to their reliability and longer service lifespan. Our team strives to ensure that each machine operates faultlessly, delivering the utmost service quality.





NOZZITE

MICROCLEAN
BORQUE

UWAGA
NIE DOTYKAĆ
GROZI
POPARZENIEM





PERIODIC MAINTENANCE INSPECTIONS OF DRY ICE CLEANING MACHINES

Our company offers a comprehensive service for dry ice cleaning machines, including repairs, parts replacement, fault diagnosis and periodic inspections to ensure the reliability and longevity of your equipment.

Repair

Our expert technicians carry out all repairs with the utmost precision and ensure the uninterrupted operation of your machinery by rapid identification and rectification of malfunctions. If necessary, we can repair blower hoses and applicators or replace them with new ones to guarantee the operational reliability of your machines.

Parts Replacement

We supply replacement parts of the highest quality from the world's leading manufacturers. Our service includes replacing filters and bearings to ensure optimal machine operation and extend the lifespan of your equipment.

Fault Diagnosis

Our qualified team boasts long-term experience and thus, can diagnose any faults and quickly take appropriate action to eliminate them, minimising downtime.

Periodic Maintenance Inspections

During the periodic inspections, carried out every 250 operating hours or once a year, we thoroughly examine the technical condition of the machinery – the inspection includes the pneumatic and electrical control systems, to be replaced if necessary.

Our comprehensive maintenance services ensure that your dry-ice cleaning machines operate smoothly and efficiently for years to come. We provide the highest quality of service, full technical support and fast part replacement.







DRY ICE CONTAINERS

NozziTec offers premium quality dry ice bins and containers, ideal for companies seeking reliable and durable dry ice storage solutions. Our products feature exceptional durability, minimal sublimation and customisation, putting us at the forefront of the market.

Top Quality

The containers available in the NozziTec offer feature the finest materials, guaranteeing exceptional durability and longevity. Our containers remain in excellent condition for maximum protection of stored dry ice, whatever the conditions.

Minimal Sublimation

Our containers maintain low temperatures and minimise dry ice sublimation through the most up-to-date insulation methods. Double insulation technology, backed by double sealing with a specialised silicone compound, ensures optimum storage conditions.

Maintenance

We also offer a breakdown maintenance service for the comfort of our customers. NozziTec specialists are ready to solve any problems quickly and efficiently.

Rapid Order Turnaround

We treat every order as a challenge and we approach it with full commitment. As a result, we ensure a fast turnaround of orders, providing our customers with products on time and in accordance with their expectations.

Product Personalisation

We offer the opportunity to personalise the isothermal containers available, tailoring them to individual customer needs in terms of capacity and size. That enables the product to be perfectly tailored to specific requirements and conditions of use.

Self-Closing Hinges

Our containers are available in two versions of self-closing hinges:

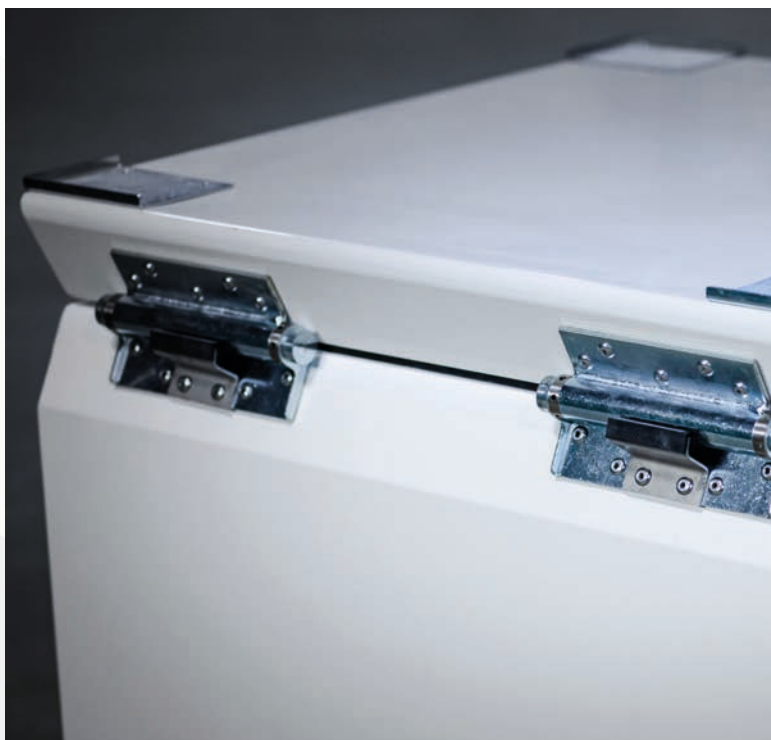
- Galvanised
- Stainless steel

First-Class Finish

We guarantee the durability of our products by using the best quality materials and high-quality finishing parts. Carefully selected components ensure not only aesthetics but, most importantly, durability and reliability.

Ease of Transportation

The containers can be fitted with wheels, making them much easier to transport and store. It is ideal for companies that frequently relocate their resources.



Enobox Containers

We offer various models of dry ice containers, including:

Enobox 160L

Enobox 260L

Enobox 440L

Enobox 520L

Every model is designed to provide the highest quality dry ice storage, minimising sublimation and providing simplicity of use.

The dry ice bins and containers available in NozziTec's offer represent products you can count on. Due to the highest quality materials, advanced insulation technologies, personalisation options and professional service, our goods meet the expectations of even the most demanding customers. We encourage you to explore our range and choose the perfect solution for your business.



The containers are certified by the Polish National Institute of Public Health (PZH).





TRAINING AT NOZZITEC

At NozziTec, we are committed to the highest quality and professionalism, hence we include training and certification in our offer. Our advanced training programmes cater for both our staff and the employees of the companies that use our services. As a result, we provide the highest level of expertise and skills that contribute to the exceptional quality of our work.

Qualification Certificates

Our staff include well-qualified professionals with numerous industry certifications that attest to their commitment, knowledge, and competence.

The most important include the following:

The qualification certificate for the operation of compressors with a capacity of more than 20 kW, compressed air and technical gas installations, enabling the safe and efficient management of advanced compressed air systems.

The qualification certificate for the operation of electrical power equipment with a voltage of up to 1 kV and the qualification certificate for the supervision of this equipment, ensuring that our employees can safely handle electrical installations.

Authorisation to refill portable vessels and CO₂ gas cylinders using the non-automatic weighing method crucial for the safe use of industrial gases.

Certifications for the operation of cranes, hoists, hoists, and lift trucks.



Training in the use of dry ice cleaning machines

- Preparing the machine for initial start-up.
- Training in the diagnosis of basic machine problems during operation.
- Machine operation training.
- Principles of safe operation.
- Description of the machine design.

Dry ice machine operation training

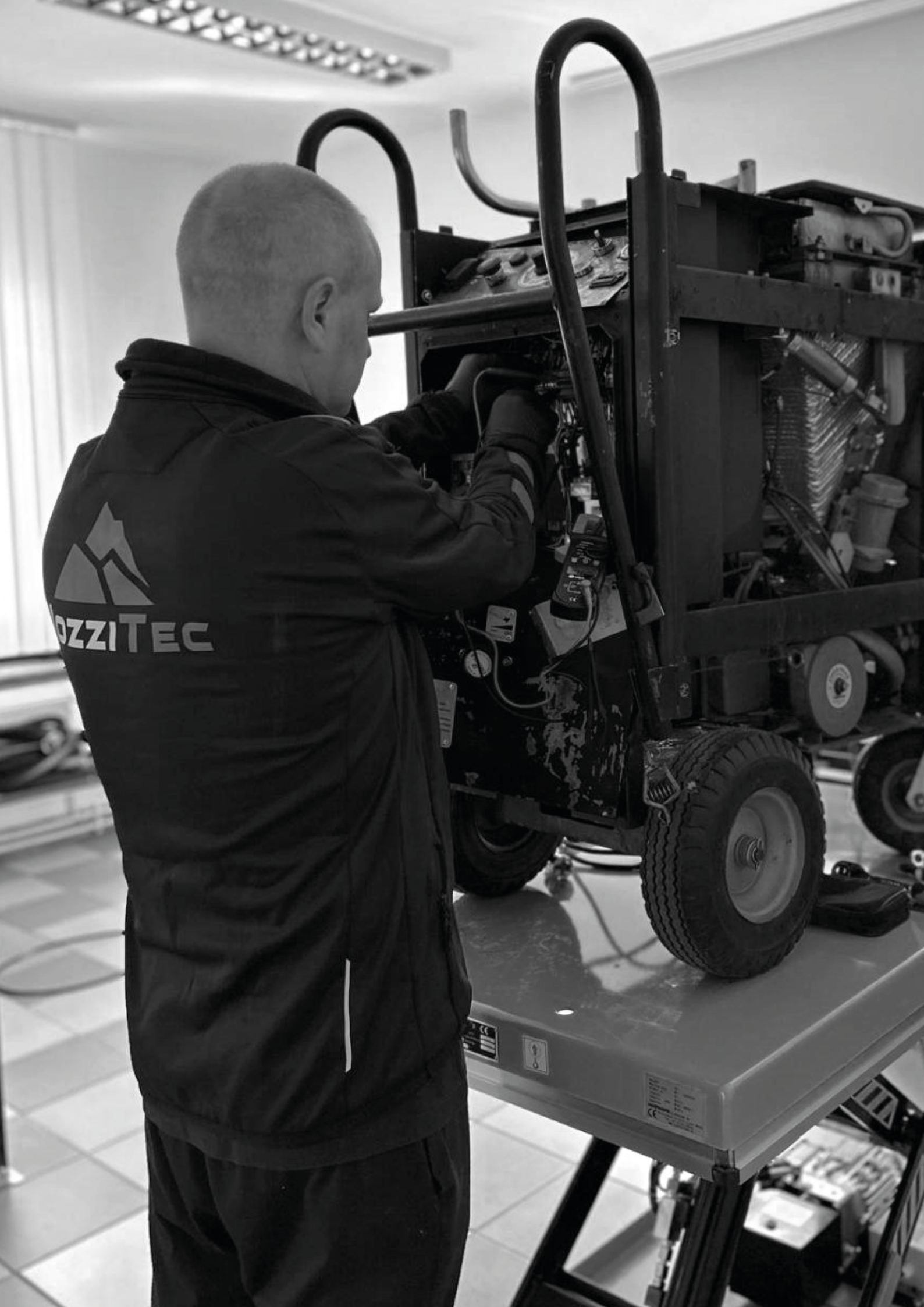
- Principles of safe operation.
- Basic troubleshooting training.
- Machine build description.
- Machine operation training.

Training Courses for Employees and Companies

Our training is not just limited to our team – we also offer the following comprehensive training courses for employees of companies that use our services:

- Training courses on the operation of dry ice cleaning machines, including the preparation of the machine for initial start-up, diagnosis of basic operating problems, principles of safe operation and a detailed description of the machine design.
- Technical equipment operation and diagnostics training courses, providing comprehensive preparation for a wide variety of technical equipment and installations.

Our training courses are structured to equip participants with practical knowledge and skills immediately applicable to their daily work -consequently, companies using our services can count on qualified and well-prepared staff who can tackle even the most demanding tasks.



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BENEFITS OF COOPERATION WITH NOZZITEC

Are you looking for a reliable partner in the dry ice cleaning sector? We have good news for you – you have just found it. Contact us today. Together, we find the perfect solution to suit your needs and expectations.

Why Should You Choose NozziTec?

- **Experience** – we are an industry leader with years of experience in manufacturing and servicing dry ice cleaning equipment.
- **Innovation** – we constantly improve our products using the latest technology to deliver the best solutions.
- **Customer support** – our specialist team offers expert assistance and guidance at every stage of our business relationship.
- **Quality** – we strive for excellence in every detail, ensuring the high quality of our products and services.

Installation and Assembly

NozziTec offers professional installation and assembly of dry ice production, moulding and cleaning machines and dry ice containers directly at the customer's site. Our team of experienced technicians ensures a fast and efficient installation, attending to every detail so that the equipment works reliably and efficiently. With us, you can be confident that your machinery and containers are properly installed and ready to go. Contact us to find out more about our installation and assembly services.



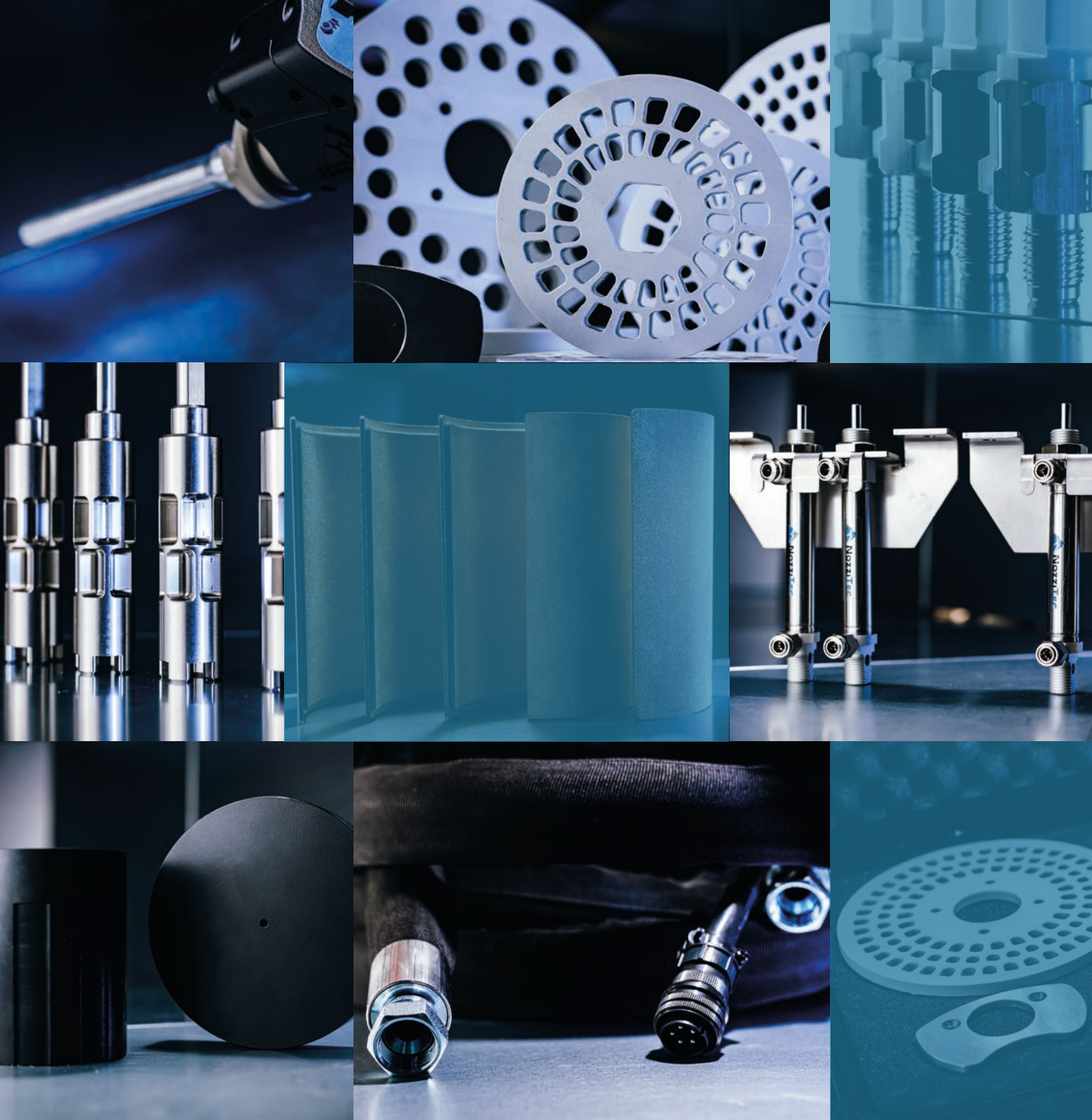
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