

Unidoz

We aim to protect food production

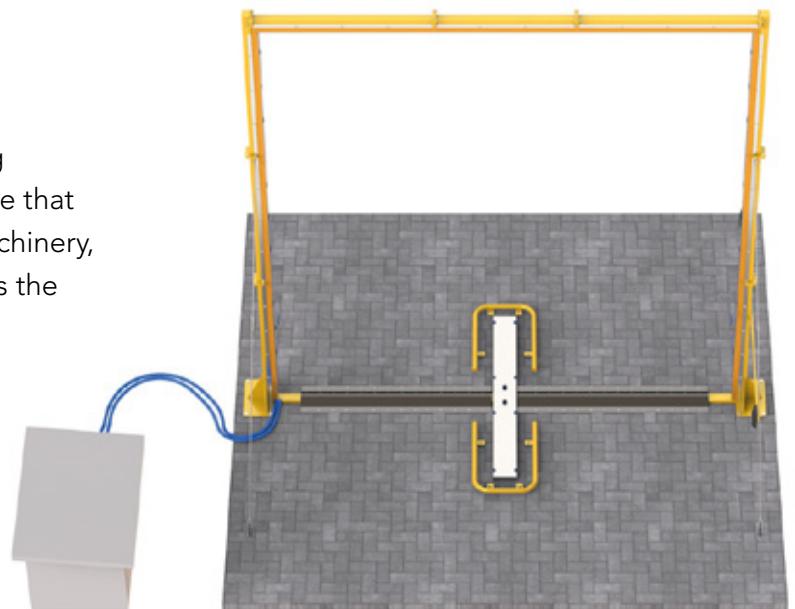


CATALOGUE
AGRI



UNIDOZ DISINFECTION GATE 360

The Disinfection Gate is used for disinfecting vehicles, it's designed for spraying any vehicle that passes through the farm, like agricultural machinery, poultry trucks and passenger cars. It prevents the transfer of diseases to the farm.



Advantage of the Disinfection Gate:

 Automation of the vehicle disinfection process

 Lower veterinary costs

 Labor reduction

 Mains or generator powered

 Protects the farm against the introduction of viruses and pathogens

 Reduce the cost of disinfecting trucks

 Sensors Automatically distinguish vehicles from people

 Low-Temperature Operation





FEATURES

- High-quality 230V or 400V powered pump
- Startup options: automatic sensors start/stop, remote control on/off and manual on/off
- Component Storage keeps inside pumps, chemical containers, control panel, dilution systems, etc.
- Durable components ensure years of outstanding performance with minimal maintenance
- Made of powder-coated aluminum what makes it lightweight and easy to install
- Also available in a powder-coated stainless steel option
- Spray lance with a 25m hose for spraying in inaccessible spots
- Low-temperature operations system that allows a disinfection gate to be used below 0°C
- Reflective elements ensure adequate visibility after dark
- Build-in dosing system, multiple dilution levels
- Division into sections – disinfection of the chassis or the entire truck
- Allows oversize vehicles, up to 10m wide, to pass through
- ChemLevel Alert System - Device

DISINFECTION DRAFT SHIELD GATE

The disinfection draft shield gate provides protection, improving the quality of disinfection. During high wind, the intensity ensures even distribution of the disinfectant on the surface, allowing for greater control over the applied disinfection solution when calculated per m² of the disinfected vehicle. It also reduces the probability of water mist spraying outside the disinfection area.

TECHNICAL DATA

Code: BBDS360

- Made of powder-coated steel and high-quality tarpaulin, which is resistant to all weather conditions
- Size 5m x 4m x 3m (or any size)



BIOSECURITY GATE 5 EXTENSION OVER 5M

The device can be extended up to 10m in width. The Biosecurity Gate is adapted to the individual needs of the customer. The width between the extension right and the extension left is typically between 4.0m and 4.5m. The spray system has overarching sprayers tall enough for any kind of commercial truck to fit through with multiple sprayers on each line.



DISINFECTION TUNNEL S

An automatic vehicle disinfection system sprays the entire vehicle with particular emphasis on the chassis and wheels, A device of small dimensions ensuring high-quality disinfection of vehicles entering the property.

Thanks to the arrangement of spraying nozzles placed on the ground and on the frame, Tunnel S guarantees the highest quality of disinfection.

DISINFECTION TUNNEL S



Protects the farm against the introduction of viruses and pathogens



Ensures even distribution of the disinfectant on the surface



Control over the applied disinfection solution when calculated per m²



Reduces the probability of water mist spraying outside the disinfection area



3m bottom spray system with 18 spray nozzles



Automatisation of the vehicle disinfection process



Lower veterinary costs



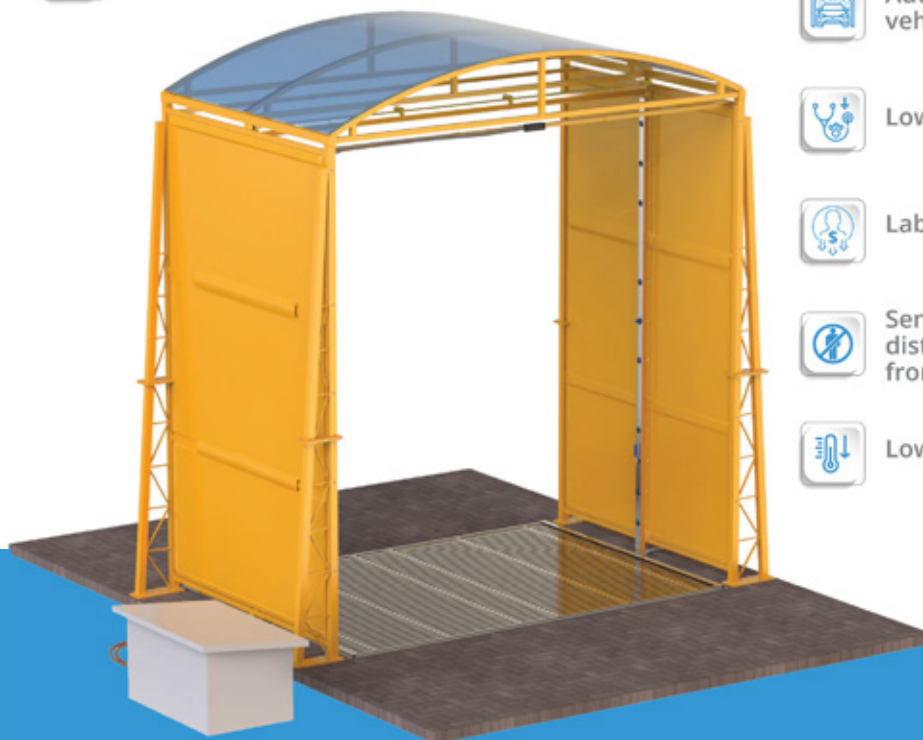
Labor reduction



Sensors automatically distinguish vehicle from people



Low-temperature operation



ADVANTAGES

- Wheels and chassis disinfection time extended
- Automated disinfection process
- Chemical agent dosing system
- Work in low temperatures
- Size 5m x 4m x 3m (or any size)

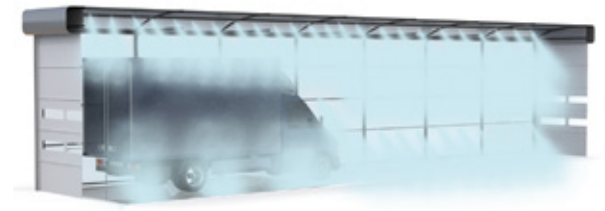
DISINFECTION TUNNEL



An automatic vehicle disinfection system sprays the entire vehicle with particular emphasis on the chassis and wheels, the next stage of vehicle disinfection is automatic fogging with a chemical agent that takes place for a specified time.

Whole vehicle fogging/misting enables difficult-to-reach places to be thoroughly disinfected. A disinfection tunnel with appropriate dimensions will cover the entire car with a disinfectant. The disinfection tunnel is a barrier, a border between the clean zone and the dirty zone.

Thanks to the patented two-stage disinfection, we guarantee that the cars entering the farm and production plant are 100% disinfected.

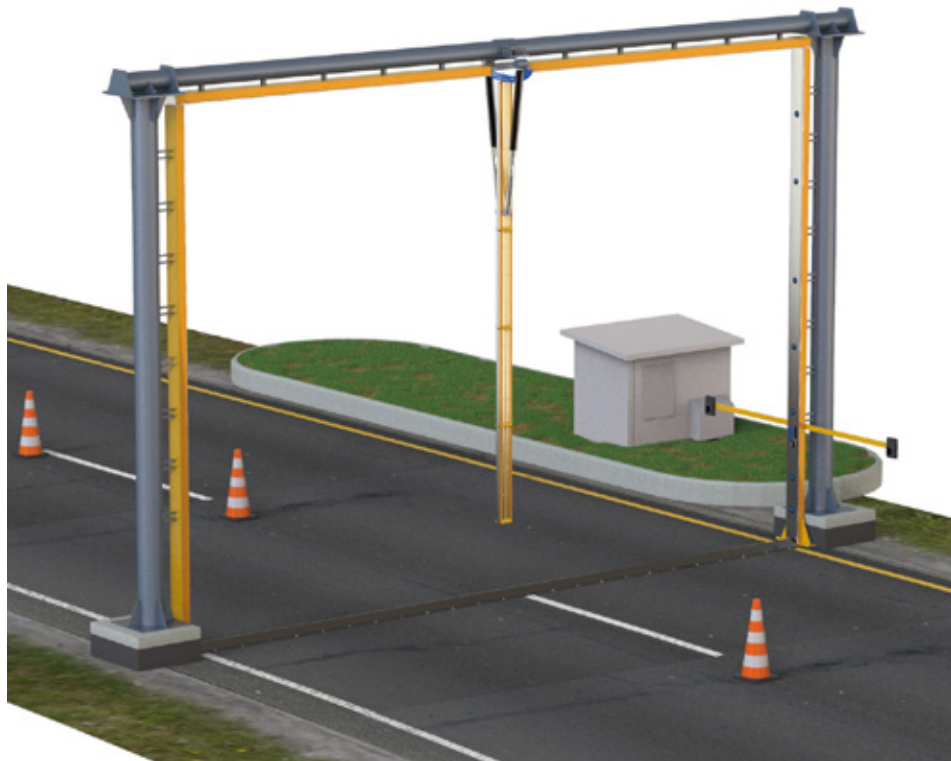


ADVANTAGES

- Building dimensions ensures full truck coverage
- Two-stage vehicle disinfection
- Automated disinfection process
- Chemical agent dosing system
- Work in low temperatures
- Roller, automatic entry and exit doors
- The tunnel is made of the highest quality materials and is resistant to chemicals and external factors

BORDER DISINFECTION GATE

The Unidoz biosecurity disinfection gate is a state of the art modern disinfection system. It serves the purpose of creating a border disinfection gate to stop the spread of infectious diseases farms, factories and industrial sites.



ADVANTAGES

- Reduces the risk of exporting disease to trading partners
- Unidoz Disinfection Gate 360° enhances national biosecurity measures
- Disinfection on multiple traffic lanes, simultaneously or separately
- Automatic center post lifting
- Fully automated disinfection process

FOAM DISINFECTION MAT-UNIDOZ

Disinfecting footwear at the entrance to the clean area is one of the most crucial steps for maintaining a high level of biosecurity. Foam Disinfection Mats are a biosecurity tool for use in extensive agriculture departments, fish hatcheries, food processing facilities, veterinary facilities, zoos, animal shelters and laboratories.

HOW IT WORKS

Spray foam cleaners are sprayed directly into the floor. Chemicals added to foam cleaners help prevent against the spread of dangerous microorganisms in places where crops grow and where food is produced or packaged.

UNIDOZ FOAM DISINFECTING MAT TECHNICAL DATA

- Discharge hose, stainless steel foam wand and fan nozzle
- Adjustable foam consistency wet dry)
- Pump protected from damage
- Foam throw distances up to 2m
- Possibility to install up to 3 line
- Stainless steel central unit



BOOT SCRUBBER WITH ROTATING BRUSH

Users insert one foot at a time into the unit and trigger it using a button on the handrail. A rotating brush cleans the boot, while a prepared chemical solution is sprayed for cleaning or disinfection. The range of two models enables to select dry cleaning (no water or solution), or when connected to a water source, using a built-in venturi injector for precise solution dilution.

FEATURES:

- Stainless steel construction
- The rotating brush cleans the soles and side edges of the shoe
- Removable stainless steel access grille.
- Built-in dosing system allows you to choose 11 different dosing levels from 0.3% to 14% (UBSM model)
- High-quality motor, power supply 230V, 50Hz
- 40mm water drain connection



UNIDOZ BOOT DISINFECTOR

The UNIDOZ BOOT DISINFECTOR is a chemical spraying system for shoes. Its unique nozzle arrangement ensures thorough disinfectant coverage on footwear.

Place the BOOT DISINFECTOR at entrances of piggeries, pens, and poultry houses. It works without a water connection—just fill with disinfectant and position as needed.

ADVANTAGES

- Disinfection is not limited to just the soles of the shoes but also extends to the sides and top.
- Assurance of disinfection through the use of a clean disinfectant solution and cleaning agent.
- Low consumption of disinfectant
- The device draws ready-to-use chemical solution from a reservoir
- The device does not require a connection to the main water supply
- 12V or battery operated.

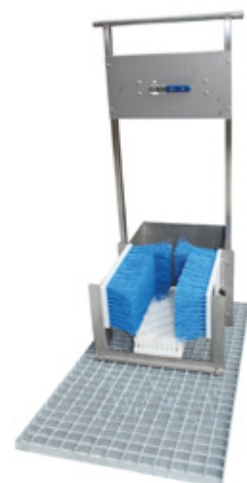
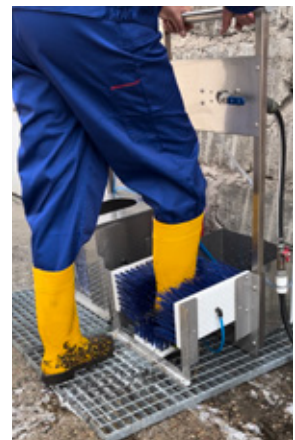


UNIDOZ BOOT CLEANER

Great for cleaning and disinfecting shoes in agriculture. An established, affordable, and successful method to prevent the spread of diseases among pigs and poultry. Install the BOOT CLEANER shoe disinfection system at entrances to piggeries, pens, and poultry houses. Simply connect water and disinfectant/cleaning agent to the device. BOOT CLEANER ensures your footwear is clean when you enter sheds, piggeries, and stables!

ADVANTAGES

- Achieves comprehensive footwear cleaning, effectively eliminating stubborn dirt,
- Ensures disinfection not only on shoe soles, but also on sides and tops,
- Provides a reliable disinfection guarantee using a clean disinfectant solution,
- Utilizes minimal disinfectant volume,
- Offers top-tier biosecurity against ASF and avian influenza, rendering disinfection mats and boot baths obsolete.



UNIDOZ UV BOOT

The UNIDOZ UV-BOOTS DISINFECTOR is a device designed for footwear disinfection using UV rays. It's a fully automated UV mat for disinfecting footwear that eliminates up to 99.99% of exposed microorganisms, including all hazardous pathogens. It not only targets the shoe soles but also the entire footwear placed within the disinfection chamber, including shoe covers, all in just 8- 25 seconds.

The UNIDOZ UV-BOOTS DISINFECTOR operates without the need for water or chemical agents. Its brief disinfection process avoids interruptions in workflow, ensuring low operational costs.

DEVICE ADVANTAGES

- Thorough disinfection of footwear
- Disinfection covers not only the shoe soles but also the sides and upper parts of the shoes



AGRI MIXER

Agri Mixer - mixer for powdered drugs and thick chemical substances.

Device for mixing medicines and chemicals.

Thanks to the ability to time set, we can be sure that the water and medicine solution is properly mixed during the process of applying medicines to animals.

PROPERTIES

- Chemical resistant
- Setting the mixer operation time
- Clean water rinse option
- 3/4 "water connection
- 100 L capacity
- Large filling opening



UNIDOZ FOAMERS

PORTABLE FOAMERS



200L TANK



130L TANK



70L TANK



With the added advantage of an integrated pump driven by compressed air, the Unidoz Foamers stands out in its ability to generate rich and finely aerated foam. This apparatus efficiently utilizes pre-mixed chemicals sourced directly from the tank. The Unidoz Foamers guarantees a remarkable level of foam consistency and distribution, making it an ideal choice for various applications.



FOAMER ALL-IN-ONE



FOAMER FW40

The Foamer All-in-One integrates a 230V powered compressor and an air-powered pump within a single unit, making it a fully independent solution for generating dense and well-aerated foam.

The Unidoz Foamer FW40 StableFoam is an innovative alternative to central cleaning systems, designed to solve one of the most common problems in food-processing facilities – unstable water pressure. Wall-mounted design allows easy installation while ensuring reliable and efficient foam application for professional cleaning and disinfection in demanding industrial environments.



UNIDOZ TANK SPRAYERS

PORTABLE TANK SPRAYERS



200L TANK



130L TANK



70L TANK



The Spray Applicator offers a versatile solution for industrial settings, allowing effortless application of pre-mixed chemical solutions. Available in multiple versions, this portable device operates on battery power, electricity, or an air-pressure pump mechanism. With a wide array of options, the applicator enables precise adjustments for both spraying intensity and coverage. Whether powered by battery, electricity, or air pressure, the Spray Applicator empowers users to efficiently distribute chemical solutions over a broad area, making it a reliable choice for various operational needs.

SPRAYER BIEL

The sprayer applicator of powders mixed with water.

Sprayer for powdery substances that require constant mixing in water during application. Recommended for spraying with lime, diatomaceous earth, and many other substances.

Pour mixed powder with water into the device. The device has the function of holding the substance in the tank during the application of the agent through the lances.



FEATURES



Three tank capacities



Large filler opening



High quality wheels



Long working time



Foamer unit for ready to use chemical solution



High-quality discharge hose



Wand On/off can be controlled at hose end



Air pressure or main power operated

UNIDOZ INDUSTRIAL FOGGERS

SANITIZE, COOLING, HUMIDITY, PROBIOTICS AND ODOR CONTROL



FOGGER PCA3.5F



FOGGER CAF



FOGGER PCAF



FHO FOGGER

UNIDOZ High Output Fogger – High-Performance Fogging System for Large Areas

KEY FEATURES:

High fogging capacity

Rapid coverage of large spaces

Integrated mixer

Air-assisted atomisation for superior fog quality

TECHNICAL HIGHLIGHTS:

Available tank capacities: 40L, 70L, 130L, and 200L | Liquid flow rate 7- 60 l/h
| Compressed air requirement: from 350 L/min to 2000 L/min | Operating pressure 5-10 bar | Power source Compressed air

Introducing our line of integrated tank fogging devices on wheels - a mobile solution designed for producing fine mist and droplets, specifically specializing in the creation of cold fog.

FOGGER PCA3.5F

Fogger with an integrated telescopic lance lifting the nozzles over 3,5 m high. Specially selected ULV nozzles ensure consistent, high-quality fog generation.

FOGGER CAF

Fogger with an integrated high-performance tank and fan for extended mist coverage. Adjustable fan speed allows precise fog projection control.

FOGGER PCAF

Fogger with integrated compressor. Allows for hassle-free use anywhere with access to a power source. Adjustable fan speed allows for precise adjustment of the mist spread.

FHO FOGGER

The Unidoz High Output Fogger is a high-performance fogging system designed for fast and efficient disinfection or deodorisation of large industrial and agricultural facilities. With a liquid consumption rate of 7-8 L min, the unit can completely fog a building of 100 m × 16 m in approximately 10 minutes.

PERFECT FOR:



AGRICULTURE
& LIVESTOCK



INDUSTRIAL
FACILITIES



WASTE
MANAGEMENT



COOLING &
HUMIDIFICATION



SANITATION
& DISINFECTION

UNIDOZ INDUSTRIAL FOGGERS

SANITIZE, COOLING, HUMIDITY, PROBIOTICS AND ODOR CONTROL



TURBO FOGGER 50



TURBO FOGGER



FOGGER ULV

TURBO FOGGER 50

With an integrated fan and blower, the mist range is significantly extended for enhanced coverage. Adjustable fan speed allows precise control of the fog projection distance.

TURBO FOGGER

Electric fogger with ULV. Allows for hassle-free use anywhere with access to a power source. Adjustable fan speed allows for precise adjustment of the mist spread. Available with 130L and 200L tanks.

FOGGER ULV

Electric fogger with ULV. Allows for hassle-free use anywhere with access to a power source. The high-power ULV nozzle allows for misting large areas. Lightweight and easy to move. Available with 50l tank.



UNIDOZ CART SG



Lance and accessories holder



Hose holder

Heavy Duty Plastic Cart, thoughtfully designed with an integrated drip tray to prevent any spillage during the transportation of substances. The incorporated drip pan efficiently captures leaks and spills from drums, containers, and equipment. This cart offers the convenience of transporting two 25L canisters seamlessly. Its versatile open platform can be configured to your specific needs. It serves not only as a transfer trolley but also finds utility as an undermount for cleaning satellites, chemical or fertilizer dispensers, and more.

The utility cart aligns with the stringent requirements of standards such as HACAP, IFS, and others. It's tailored to cater to the needs of agriculture, industry, and the food industry alike.



UNIDOZ CART SG2

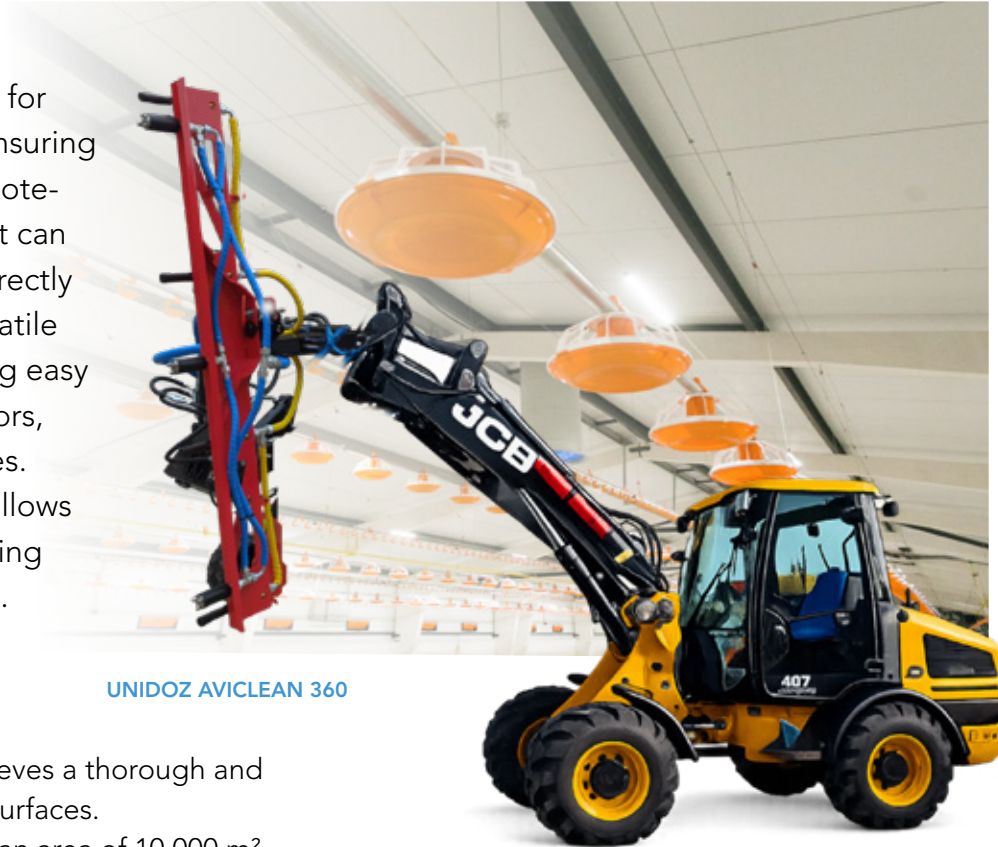
The most compact version of the Safety Cart, designed for the secure transport of one 25L canister. Made from high-quality, chemical-resistant plastic, the CART SG2 offers a durable, ergonomic, and easy-to-clean solution for industrial and agricultural environments.



UNIDOZ AVICLEAN 360

FUTURE OF POULTRY HOUSE CLEANING

The AviClean 360 is a high-performance cleaning device for large-scale poultry houses, ensuring top-quality hygiene. This remote-controlled, self-propelled unit can be operated via remote or directly from the device. It offers versatile cleaning capabilities, enabling easy washing of walls, ceilings, floors, and feeding and drinking lines. The built-in foaming option allows for quick application of cleaning agents as foam onto surfaces.



UNIDOZ AVICLEAN 360

KEY FEATURES

- High Cleaning Quality: Achieves a thorough and uniform cleaning across all surfaces.
- Fast Cleaning Time: Cleans an area of 10,000 m² in approximately 3 hours.
- Integrated Foaming Option: Allows the application of cleaning agents in foam form.
- Large Coverage Area: Washes large surfaces efficiently with broad cleaning reach.
- Reduced Human Fatigue: The operator doesn't need to manually hold the high-pressure lance, minimizing skipped spots.
- Extended Reach: Cleans up to a height of 450 cm.
- Optimized Cleaning Duration: Drastically reduces the time required for the cleaning process.
- Labor Reduction: Requires fewer workers for cleaning tasks.
- Ease of Use: User-friendly, with simple operation and minimal training.

CLEANING UNIT REQUIREMENTS

The washing unit remains outside the building, needing a constant water supply and a power source (1000 r.p.m. or diesel engine).

HIGH-PRESSURE WASHING SPECIFICATIONS

- Washing Width (m): 2.5
- Operating Pressure (Bar/MPa): 160/16
- Hydraulic Hose Reel: Included
- Cleaning Area Capacity (m²/h): 3500
- Distance from High-Pressure Unit (m): 100
- Water Tank Capacity (L): 2000
- Chemical Concentrate Dosing System: Built-in
- Power Requirement (HP/kW): 113/83

FOAMING OPTION SPECIFICATIONS

- Foaming Width (m): 2.5
- Foaming Area Capacity (m²/h): 7500
- Foaming Feeding and Drinking lines (m/h) : 2000

TRACK SYSTEM SPECIFICATIONS

- Fits any articulated loader with 500kg+ lift capacity

UNIDOZ ROBOT P22

AUTOMATE YOUR AGRICULTURAL WASHING PROCESSES!

Say goodbye to the dirtiest task on the farm! The UNIDOZ Robot P22 is here to make pig pen cleaning a breeze. Designed to work with any high-pressure washer, it effortlessly cleans your pens, giving you more time to focus on other tasks while preparing the piggery for the next batch. Tailored washing programs adapt to the specific needs of your farm.

HOW DOES IT WORK?

- Place the Robot P22 inside the pen.
- Connect it to your high-pressure washer.
- Start the cleaning program.
- Once the cycle is complete, move the robot to the next pen.

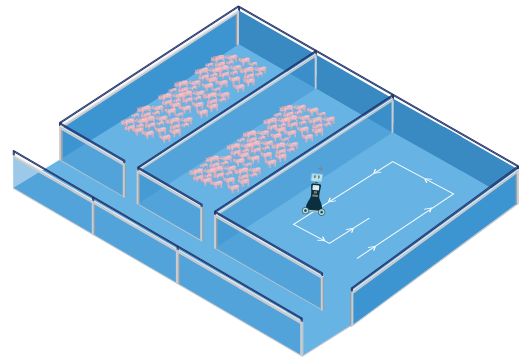
FEATURES

- Customizable Cleaning Programs: Adapt to your farm's individual requirements.
- High-Pressure Efficiency: Equipped with a powerful high-pressure nozzle.
- Cleaning Height: Up to 130 cm.
- Remote Control: Easy activation and control from a distance.
- Extended Battery Life: Ensures longer cleaning sessions.
- High-Pressure Cleaning and Optional Foam Functionality: Enhance the cleaning process.

BENEFITS

- Let the robot handle the dirtiest tasks.
- Automate pig pen cleaning for maximum efficiency.
- Save time and labor costs.
- Durable stainless-steel construction for longevity.
- Compatible with any high-pressure washer.

UNIDOZ ROBOT P22



HIGH-PRESSURE WASHER REQUIREMENTS

- Minimum: 21 l/min (1260 l/min)
- Recommended: 30 l/min or higher.

BATTERY

- Includes 2 x 12V batteries.
- Charger included.

UNIDOZ

NEW Product

BIOSECURITY TURNSTILE

ADVANCED HAND DISINFECTION TURNSTILE FOR BIOSECURITY ZONES

The UNIDOZ Biosecurity Turnstile is a modern hygiene access control system designed for poultry farms, livestock facilities, food processing plants, greenhouses, and industrial hygiene zones.

The unit combines automatic hand disinfection with a physical access control turnstile, ensuring that every person entering the protected area completes the disinfection procedure before access is granted.

This solution significantly increases biosecurity standards and helps reduce the risk of transferring bacteria, viruses, and contaminants between production zones.

MAIN FEATURES

- Touch-free automatic hand disinfection
- Color coding: White, Blue, Yellow, Red
- Integrated tripod turnstile for controlled access
- Mandatory hygiene procedure before entry
- Sensor-activated disinfectant dosing system
- LED status indication (ready / disinfection / access granted)
- Durable plastic and stainless steel construction
- Chemical-resistant hygienic housing
- Optional bidirectional access control
- Optional RFID and access control integration
- Easy cleaning and maintenance
- Designed for intensive industrial and agricultural use

OPERATING PRINCIPLE

The user inserts both hands into the dedicated disinfection chambers equipped with sensors. The system activates the disinfectant spray automatically only after detecting both hands inside the chambers. Once the disinfection cycle is completed, the tripod turnstile unlocks, allowing the user to enter the protected area. This process guarantees full compliance with hygiene procedures and eliminates the possibility of bypassing hand sanitation.



UNIDOZ BIOSECURITY TURNSTILE

1. SPRAYER

Wall mounted industrial spray applicator for applying chemical solutions. This venturi injection system uses standard city water pressure (2,5-10 Bar) to draw and blend chemical concentrate into the water stream.

2. GASTRO WASH

Spray applicator for diluting two products with rinsing operation. Designed to spray clean and sanitize floors and surfaces.

3. 1 WAY

Wall mounted stainless steel chemical proportioner for accurately diluting 1 chemical concentrate to required ratios and filling any sized container with diluted, ready-to-use chemical solutions.

4. MS 01

Portable dispensing system for liquid chemical concentrates makes sure that you always get accurate diluted ready to use product. Economic, reliable, made from the highest quality materials.



ABOUT US

Unidoz – We aim to protect food production

Unidoz, is a leading provider of biosecurity devices.

Double winner of a gold medal in the competition for the Agriculture Innovative Product of the Year, for the Disinfection Gate 360° device in 2018 and 2020 for UV Boot disinfection.

The company has grown to become one of the most sought-after solutions providers for clients across different industries, including farms, the food industry and border crossings.

Innovation started our company and it still flows through our veins.

We are the inventor and the biggest manufacturer of portable dispensers for chemical concentrates in the EU.

Unidoz is one of the leading manufacturers of chemical proportioners, foamers, sprayers and satellites for CIP systems for industrial cleaning.



Unidoz

KEEP IN TOUCH

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