

GENERAL BROCHURE

INDUSTRIAL CLEANING SYSTEMS & LOGISTICS

UNIFORTES The logo graphic consists of a grid of blue squares of varying shades, arranged in a pattern that suggests movement or a modern architectural structure.

PRODUCT CARRIERS



CRATE



PALLET



CABIN



BUCKET



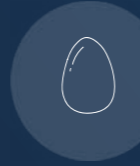
TRAY



TROLLEY



MOULD



EGG



EGG TRAY



DOLLY



POT



CUSTOM

SPECIFICATIONS

☑ STANDARD

○ OPTIONAL

- NOT APPLICABLE

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**DISCOVER THE DEFINITION
OF #CLEANINGTECHNOLOGY**

OUR PASSION FOR HYGIENE

WHO WE ARE

Unifortes is your global partner in offering industrial cleaning systems and logistics. With our test center, modern production facility and years of experience we find optimal cleaning. We find your definition of clean, so that you can focus on doing what you're good at.

We are passionate about delivering total cleaning solutions, installations that are simple and predictable to operate, service and maintain, all at minimum costs. We do that with a creative and ambitious team. Focussed on making hygiene easier with innovative solutions, no matter the company size. Small stand-alone washer or turn-key cleaning solution? All our systems are based on the most efficient and cost-effective solutions, using the latest technology from our modern production facilities.

Looking for a stand-alone washer or a turn-key fully automated washing and handling plant? We got you covered!



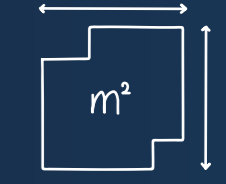
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GENERATIONS
FAMILY OWNED



63

COUNTRIES WITH
UNIFORTES WASHERS



5000

M2 WORKING SPACE
HEADQUARTERS

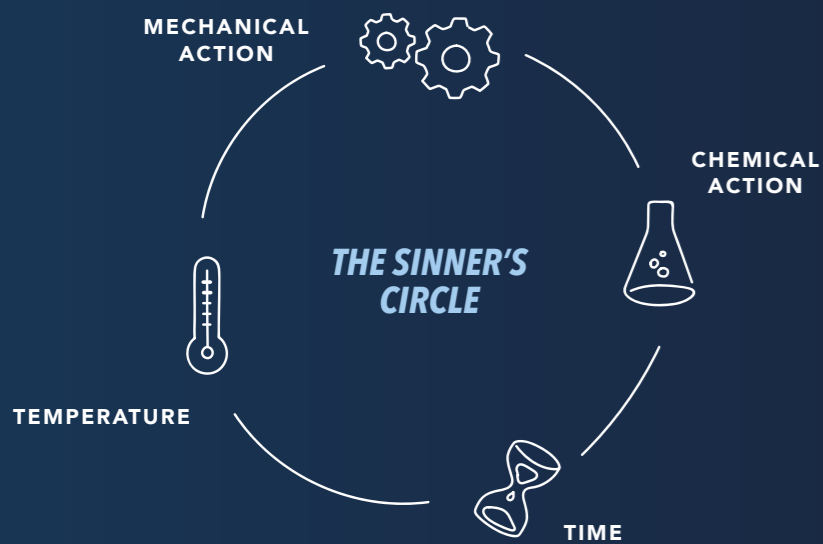
PRINCIPLES OF CLEANING

OUR APPROACH

Unifortes washers are all designed by the four principles of cleaning for a hygienic wash cycle: "Sinner's Circle". The Sinner's Circle is part of the core knowledge of every professional in hygiene and has become the industry standard. It means that we achieve optimal cleaning results by using the components "time", "temperature", "chemistry" and "mechanical force" in the best possible ratio.

The goal is to achieve the shortest cycle time as possible, with the complete Sinner Circle being in balance. This all depends on your product and the degree of pollution. Precise amounts of water mixed with the right pressure, temperature and detergent, allowing improved results and lower power levels. The advanced and modular design of the Unifortes Industrial Washer of Unifortes make convenient and cost-effective cleaning solutions accessible to any company.

How to get rid of different types of pollution in one wash? We know the answers, but let's find it out together in our test center!



OFFERING SMART CLEANING SOLUTIONS FOR EVERY CHALLENGE

YOUR PARTNER IN HYGIENE

MARKETS WE SERVE

No matter your market, you want to deliver the best possible quality. Each market knows its own cleaning challenges, but overall the goal is the same. You have to make sure that no cross-contamination can take place to avoid closure of your business and to make sure your company offers safe products.

To minimize the chance of cross-contamination, reduced product quality and in some sectors even virus-outbreaks, appropriate cleaning methods must be part of your hygiene plan. Unifortes has the experience with delivering highly efficient and hygienic washers for a wide range of food and non-food sectors.



A SMALL BUT REAL CHALLENGE

BASIC WASHERS

Designed for washing lower capacities, varying from 100 to 400 products per hour. The Basic series is up and running in no time featuring fast, easy and impressive washing results.

Our range offers models dedicated for trays, crates, pots and other small product carriers. The Basic series units include a water tank for the circulation of your wash water. But the UNI-BT400.150 can even be executed without tank and used with a high-pressure cleaner.



BASIC WASHERS

COMPACT & STAND-ALONE



UNI-BT400.150

UNI-BT400.300

UNI-BW200.60

UNI-BW300-60

UNI-BW150-60

WASH TUNNEL	1 meter	2.7 meters	2 meters	2 meters	1.5 meters
MAIN WASH	1 section	1 section	1 section	1 section	1 section
RINSING SECTION	☑	☑	☑	☑	☑
DRYING SECTION	-	-	○	○	-
MODULAR	-	-	-	-	-
ONE-MAN OPERATION	○	☑	○	○	○



MODULAR AND FULLY CUSTOMIZABLE

INDUSTRIAL WASHERS

Whatever challenge you're facing, the industrial washer is ready. This tunnel washer sets new standards in terms of ease of use and performance with capacity of over 2000 products per hour. This series is developed for washing all sorts of products made from polystyrene to hard plastic.

Heavy pollution? The Industrial series is adjusted to your situation, based on space, pollution, capacity and of course type of product. Various heating systems, disinfection units and filtration systems optimize the washing result and provide microbiological clean results.



INDUSTRIAL WASHERS

SETTING NEW STANDARDS



UNI-W350.70 UNI-W550.70 UNI-W750.70 UNI-W950.70 UNI-W1150.70

	UNI-W350.70	UNI-W550.70	UNI-W750.70	UNI-W950.70	UNI-W1150.70
WASH TUNNEL	3.5 meters	5.5 meters	7.5 meters	9.5 meters	11.5 meters
PRE-WASH	—	☑	☑	☑	☑
MAIN WASH	1 section	1 section	2 sections	3 sections	4 sections
RINSING SECTION	☑	☑	☑	☑	☑
DRYING SECTION	○	○	○	○	○
ONE-MAN OPERATION	○	○	○	○	○
MODULAR	☑	☑	☑	☑	☑

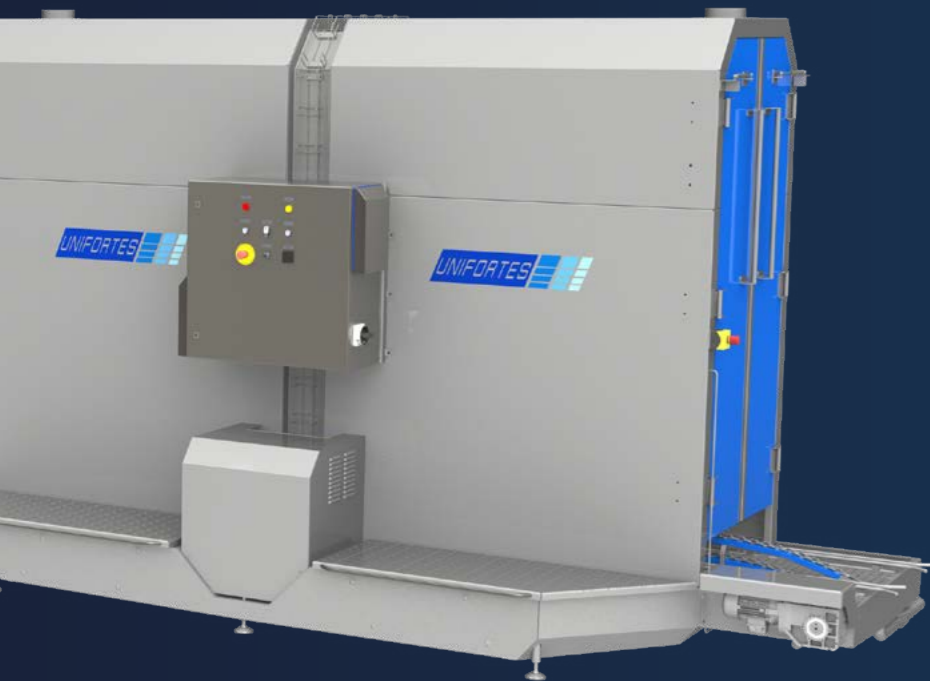


ROLL IN FOR OPTIMAL HYGIENE

TROLLEY WASHERS

Used in a wide range of areas, the Trolley Washer is compatible for every hygiene standard and capacity requirement. Our cart washers are constructed out of stainless steel and have an open design which simplifies the use for the operator.

The unique design has a transport height of only 350mm, which makes it possible to place the machine directly on the production floor. Washing time and power are matched to the required cleaning result.



TROLLEY WASHERS

FOR EVERY STANDARD



OUTPUT UP TO	UNI-TW450.80.30 40 p/h	UNI-TW450.80.120 40 p/h	UNI-TW450.80.220 40 p/h
WASH TUNNEL	3.5 meters	3.5 meters	3.5 meters
MAIN WASH	1 section	1 section	1 section
RINSING SECTION	☑	☑	☑
PRODUCT HEIGHT	0.3 meters	1.2 meters	2.2 meters
DRYING SECTION	○	○	○



VERTICAL AND HORIZONTAL PLACED

PALLET & BENCH WASHERS

Unifortes pallet washers are suitable for cleaning all types of plastic pallets and benches used in a wide range of sectors. With high demands on hygiene, both light and heavy pollution must be effectively removed. Unifortes offers systems for every hygiene standard, with capacities ranging from 50 to 900 pallets per hour. 3D simulations of the spraying patterns ensure the most optimal spraying conditions.

The Unifortes pallet washer can be equipped with a return belt, which makes one-man operation perfectly possible. Vertical or horizontal conveyance? Our solutions fit your specific requirements!



PALLET & BENCH WASHERS

HIGH DEMANDS ON HYGIENE



UNI-W350.100

UNI-W550.100

UNI-W750.100

UNI-PW250.100

UNI-PW450.100

UNI-PW400.170

	UNI-W350.100	UNI-W550.100	UNI-W750.100	UNI-PW250.100	UNI-PW450.100	UNI-PW400.170
WASH TUNNEL	3.5 meters	5.5 meters	7.5 meters	2.5 meters	4.5 meters	4 meters
PRE WASH SECTION	–	☑	☑	–	–	–
MAIN WASH	1 section	1 section	1 section	1 section	1 section	1 section
RINSING SECTION	☑	☑	☑	☑	☑	☑
DRYING SECTION	○	○	○	○	○	○
TRANSPORT	horizontally	horizontally	horizontally	vertically	vertically	vertically
ONE-MAN OPERATION	○	○	○	○	○	○
MODULAR	☑	☑	☑	☑	☑	☑



EXPERTS NEVER COMPROMISE

CABIN WASHERS

Unifortes has a solution perfect for your operation whether you need to clean a few containers per day or hundreds per hour. We build Cabin Washers based on your needs, considering space, pollution, capacity and of course type of product.

Fully constructed out of stainless steel, our bin washer is ideal for cleaning a wide variety of wheeled bins, euro bins, tote bins, DOLAV bins and pallet boxes. The cabin washer can be executed as a stand-alone or in an automatic line. For the stand-alone cabin washer, the products are placed on the door, after which the door closes automatically and ensures that the products enter the machine at an angle. The washing and rinsing times are freely adjustable in order to set the correct cycle for the specific soiling. In-line speeds up the capacity and makes other options such as drying and filtration possible.



CABIN WASHERS

TURN-KEY HIGH EFFICIENCY



UNI-CW75.75

UNI-CW120.100

UNI-PBW400.100

PRE-WASH	☑	☑	☑
MAIN WASH	1 section	1 section	1 section
RINSING SECTION	☑	☑	☑
DRYING SECTION	-	-	○
CARRIERS	200L bins	Containers & bins	Pallet boxes



POULTRY SPECIALS

EGG TRAY WASHERS

The Unifortes egg tray washers are specially designed for washing 30 cell egg trays in a delicate but efficient manner. The capacities vary between 500 to 8.000 trays per hour, to match every capacity requirement.

The egg tray washer can be equipped with a spin drying section and complete automatic stackers and de-stackers. The trays are washed individually and not in a batch, to ensure perfect cleaning and disinfection of every single tray. Place your egg tray washer stand-alone or in-line with your egg handling equipment.



EGG TRAY WASHERS

FAST THROUGH EFFICIENCY



	UNI-BW200.30ET	UNI-BW275.30ET	UNI-BW350.30ET	UNI-BW450.30ET
WASH TUNNEL	2 meters	2.75 meters	3.5 meters	3.5 meters
MAIN WASH	1 section	1 section	1 section	1 section
RINSING SECTION	☑	☑	☑	☑
DOUBLE TRANSPORT	-	-	○	○
DRYING SECTION	○	○	○	○



POULTRY SPECIALS

EGG WASHERS

Washing eggs, when done correctly, shows a proven advantage for both egg producers and end consumers. It significantly reduces the amount of bacteria present on the shell. The Unifortes egg washer consists of a washing section, rinsing section and distinct drying systems, and can be executed with an oiler. Capacities vary from 4.000 to 288.000 eggs per hour.

To increase the output per hour, this system can be equipped with robotics and other handling systems. Use your egg washer as a stand-alone operating machine or place it in-line with your egg packers, graders or egg breaking machinery. The choice is up to you.



EGG WASHERS

PROVEN ADVANTAGE



UNI-EW150.2

UNI-EW200.2

UNI-EW275.6

UNI-EW350.6

UNI-EW700.6

WASH TUNNEL	1.5 meters	2 meters	2.75 meters	3.5 meters	7 meters
PRE-WASH	-	-	-	-	☑
MAIN WASH	1 section	1 section	1 section	1 section	1 section
RINSING SECTION	☑	☑	☑	☑	☑
DRYING SECTION	☑	☑	☑	☑	☑
ROWS	2 rows	2,3 or 6 rows	6 rows	6 rows	6,12,18 or 24 rows



AIR TO SPIN DRYING

DRYING SYSTEMS

Unifortes washers can incorporate different air and spin drying systems for the automatic reduction of moisture left on your carriers.

The forced-air systems use ventilators for reducing the moisture on your products. The ventilators cause the temperature to rise to 40 degrees Celsius and reduces the moisture on the products. The high-volume fans are placed in a stainless steel housing with water recuperation. This design keeps the possibly contaminated air outside of the installation, preventing cross contamination and maintaining the inside air temperature.

The centrifuge drying systems use high speed to force liquids to leave the washed products. This system achieves a drying result of up to 2 grams of residual moisture.



DRYING SYSTEMS

MINIMIZE RESIDUAL MOISTURE



UNI-SPIN.SA

CYCLE TIME	adjustable
HANDLING P/CYCLE	up to 70pcs egg trays



UNI-SPIN.IL

CYCLE TIME	adjustable
HANDLING P/CYCLE	up to 65pcs egg trays



UNI BD140.60



UNI D200.70



UNI D200.100



UNI D200.120

VENTILATORS	2	2	4	4
APPLICABLE FOR	Basic washers	Industrial washers	Industrial washers	Industrial washers



UP TO 10 MICRON

FILTRATION SYSTEMS

Water use can be a substantial cost in the daily operation of your company. An efficient cleaning solution with integrated water filtration system can make a difference.

The industrial tunnel washers can incorporate different systems for automatic filtration of the wash water. Which filtration system suits your company? That all depends on the type and amount of pollution, the product carriers you're using and your product. For next level, closed water-water systems can be integrated for the filtration of drain water. This brings your waste-water to a minimum, saves you water costs and is better for the environment.

FILTRATION SYSTEMS

LOWER YOUR WATER USAGE



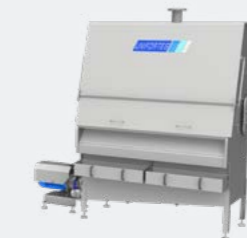
ROTATING CLOTH FILTER

FILTRATION up to 500µm
SPECIALLY DESIGNED different filtration degrees available
APPLICABLE AS as add-on to Unifortes washers



COMPACT BELT FILTER

FILTRATION up to 10µm
SPECIALLY DESIGNED different paper densities available
APPLICABLE AS as add-on to Unifortes washers or as stand-alone machine



BOW SCREEN FILTER

FILTRATION up to 250µm
SPECIALLY DESIGNED different filtration degrees available
APPLICABLE AS as add-on to Unifortes washers



SAND FILTER

FILTRATION up to 40µm
SPECIALLY DESIGNED horticulture/fresh produce sector
APPLICABLE AS as add-on to Unifortes washers or as stand-alone machine



TURN-KEY SOLUTIONS

HANDLING SYSTEMS

Unifortes' engineering team is happy to help you find the best optimum solution at a competitive price. Varying from stand-alone washers to the turn-key delivery of a fully automated washing and handling plant, we offer solutions for every situation.

DISCOVER THE DEFINITION OF #CLEANINGTECHNOLOGY



CONTINUOUS OPERATION

SERVICES WE OFFER

Take advantage of service packages that help you improve performance, reduce downtime and control costs. With our remote and online connection, your machine health will be optimized and maintenance can be smartly scheduled for total peace of mind and new levels of productivity. Unifortes connected support is ready to help you to monitor machine health and proactively resolve issues so you can keep taking your cleaning to a higher level.

We offer a broad range of services to meet your needs:

- ✓ SPAREPARTS SERVICE
- ✓ YEARLY EXPERT CHECK
- ✓ REMOTE & ONLINE CONNECTION
- ✓ STAFF TRAINING
- ✓ UNIFORTES RENTAL
- ✓ TEST SERVICE

A photograph of two men in business attire working in an office. One man is seated at a desk, looking at a document, while the other stands beside him, pointing at the document. A laptop and a water bottle are visible on the desk. The image is overlaid with a large, semi-transparent white triangle on the left side.

***PROVIDING CONTINUOUS
CLEANING AND OPERATION***

SALES & SERVICES

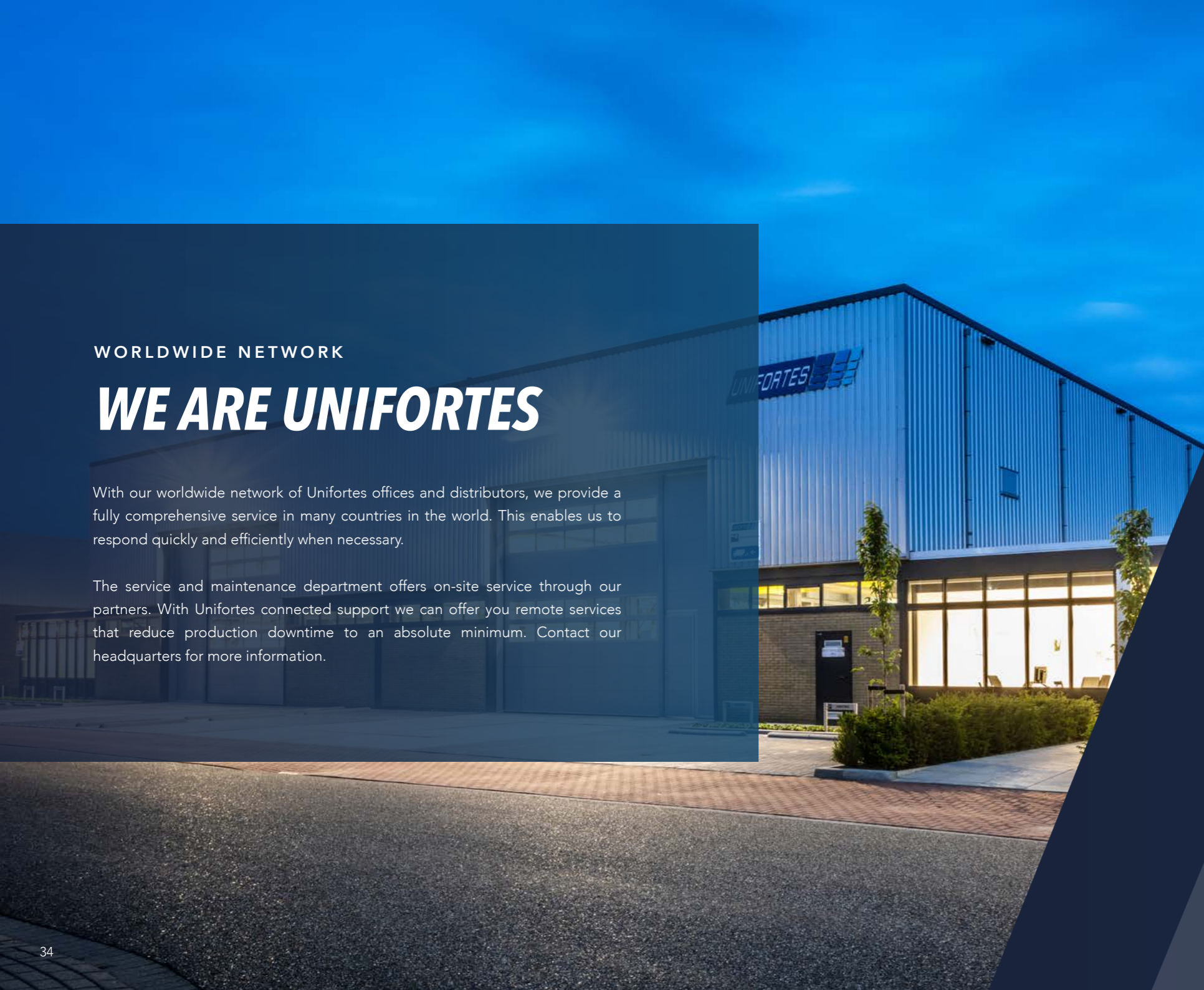
TEST CENTER & RENTALS

The Unifortes test center has raised the bar even higher in determining the right machine for the customer. In the Unifortes Test Center we offer the possibility to test the washing and drying results with contaminated product carriers. The word 'clean' is open to interpretation and needs to be determined together with the customer. We work with you to find the perfect cleaning solution for the job, avoiding unnecessary investments and disappointments about the washing result. Unifortes can provide laboratory and testing reports for official documentation to support and underpin investment.

The Unifortes rental program is of highest added value when a company has to process temporary or seasonal production. Tests are also carried out for rental machinery, to ensure correct machine settings and the best cleaning result. Dryers and other optional systems are also available to rent, our team will be happy to advise you.



**TAKING CLEANING
TO A HIGHER LEVEL**



WORLDWIDE NETWORK

WE ARE UNIFORTES

With our worldwide network of Unifortes offices and distributors, we provide a fully comprehensive service in many countries in the world. This enables us to respond quickly and efficiently when necessary.

The service and maintenance department offers on-site service through our partners. With Unifortes connected support we can offer you remote services that reduce production downtime to an absolute minimum. Contact our headquarters for more information.

WE ARE UNIFORTES

OFFICES & AGENTS



- UNIFORTES OFFICE
- UNIFORTES AGENT

www.unifortes.com



UNIFORTES HEAD OFFICE

Handelstraat 2
3291 CB Strijen
The Netherlands

CONTACT

T +31 (0)78 629 12 62
F +31 (0)78 674 29 93
E info@unifortes.com

UNIFORTES BELGIUM

Ovenhoek 7
B-8800 Roeselare
Belgium

CONTACT

T +32 (0)51 78 00 18
F +32 (0)51 78 00 26
W www.unifortes.be

UNIFORTES POLAND

Katowicka 38
43-100 Tychy
Poland

CONTACT

T +48 (0)32 326 20 63
F +48 (0)32 326 20 66
W www.unifortes.pl