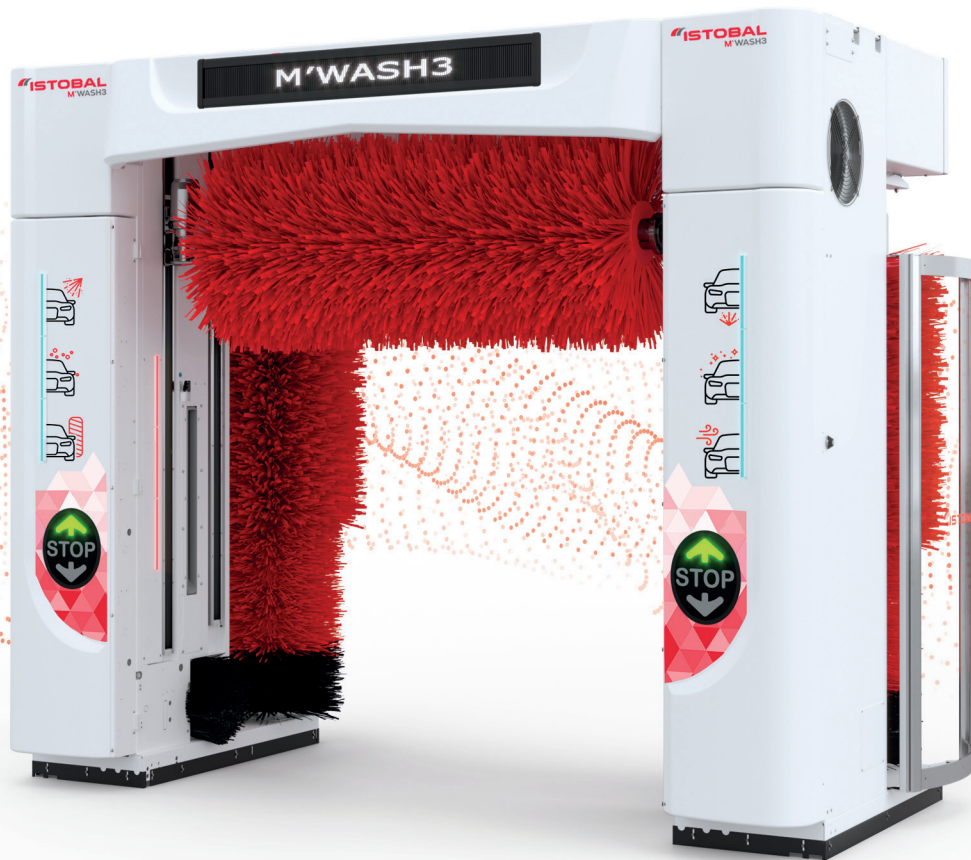


# ISTOBAL M'WASH3



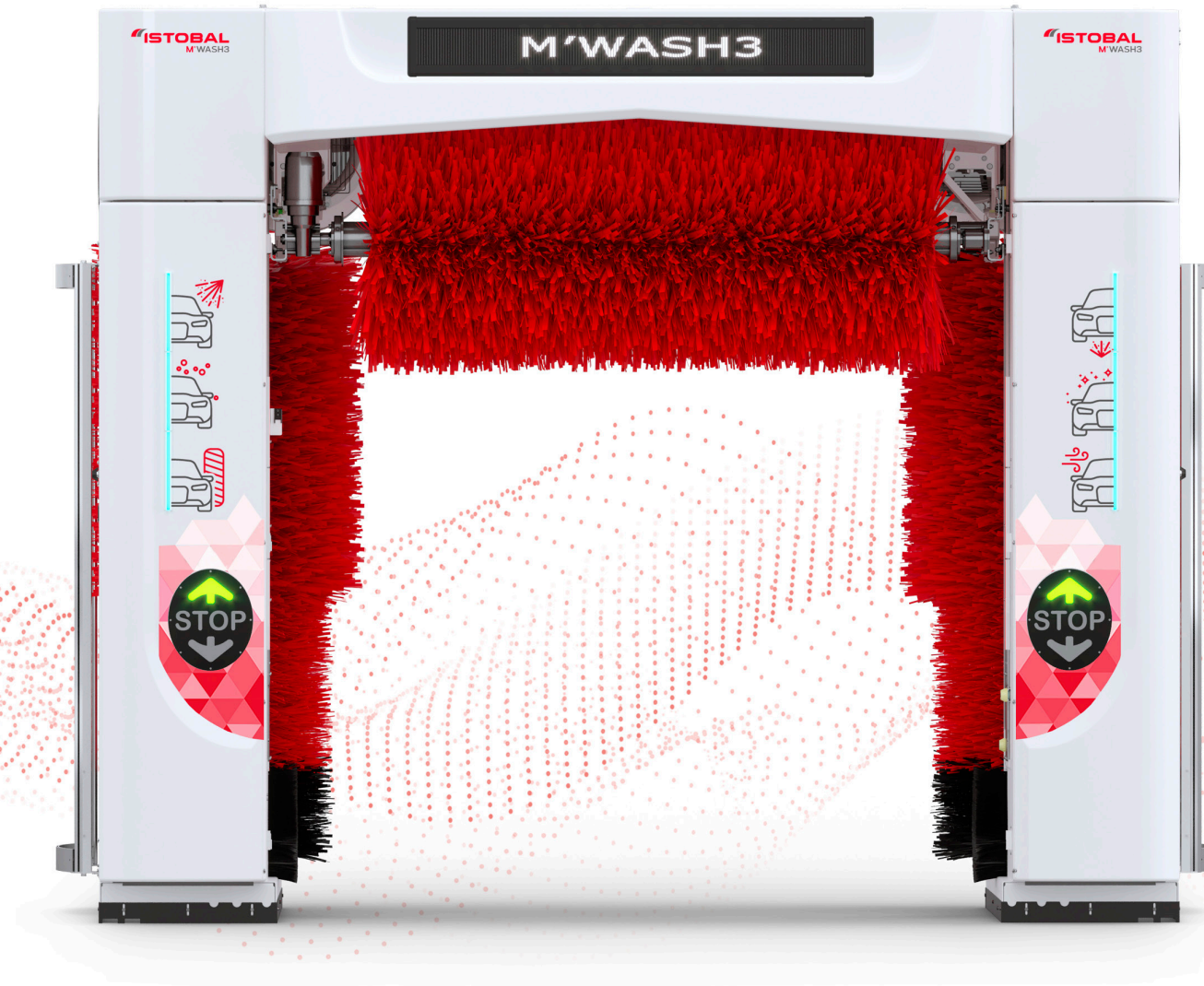
**ISTOBAL**  
Vehicle Wash & Care

# THE NEW M'WASH3

ISTOBAL unifies its M'NEX22 and FLEX5 rollovers (3 brushes) to present the **new ISTOBAL M'WASH3**

A wash and dry rollover consisting of 2 vertical brushes and 1 horizontal brush controlled by frequency inverters for greater wash quality and control. More **flexible** and **intuitive** thanks to multiple configurations, with a design focus on **connectivity** and the latest technology.

An equipment that marks a milestone in the **new generation of ISTOBAL M'WASH rollovers**. The most efficient and connected technology for every need.



**ISTOBAL**  
M'WASH3

- ✓ Control electronics with decentralised peripherals for connection of the technical room elements.
- ✓ Unified connectivity with the UNIFIED colour touchscreen making the machine 100% connectable (Smartwash ready in case of contracting).
- ✓ Frequency inverters for greater control of brush rotation.
- ✓ Better foam application thanks to the upper nozzles that reach the entire vehicle profile.
- ✓ 21L or 42L on-board pump to minimise set-up work and/or suitability of the wash area.
- ✓ Stackable high-pressure solenoid valves with direct current supply to reduce consumption.
- ✓ Improved fluid distribution with post-solenoid chemical injection and dual injector allow more chemical options to be included in rollovers.
- ✓ LED lighting with colour change effect for an improved user experience during washes.
- ✓ Integrated Infinite Mousse Foam Arch for improved bay space.

# SPECIFICATIONS AND TECHNICAL DATA

## ISTOBAL M'WASH3

- GREATER CONTROL**  
 thanks to frequency inverters in brush rotation and new updated software.

The **ISTOBAL M'WASH3** rollover maintains speed and position control thanks to frequency inverters and encoders that allow **greater control** over brushes and horizontal drying, **reducing the time for the wash and drying service** by optimising the travel speed of the machine.

- PROGRAMME CONFIGURATOR**

The flexible programming system fitted as standard with **ISTOBAL M'WASH3** rollovers allows each wash program to be **customised easily and intuitively**.

This makes it possible to conveniently set speeds, dosages, light codes and other functions according to the needs of the selected wash programs.



- MORE EFFICIENT**  
 thanks to high-pressure

**Superior non-dual high-pressure** system with zero angle nozzles, with the possibility of applying oscillating and lateral high-pressure in the same pass.

**Faster** because there is no need for pre-scan systems of the vehicle profile. Reduced incidence of dripping as it is not located directly on the vehicle.

- GREATER VERSATILITY**  
 with different size combinations

We continue with the height and width combinations in each model to cover all the wash needs of today's vehicle market.

Standard wash width 2.50 m at rear-view mirror height. Also available in 2.70m width.

**The most optimised ratio of the market, up to 12 cm more passageway for the vehicle with same machine width**

### WASH DIMENSIONS

VEHICLE PASSAGE HEIGHT	2,100	2,300	2,400	2,500	2,600	2,700	2,800	2,900
TOTAL MACHINE HEIGHT	2,906	3,106	3,206	3,306	3,406	3,506	3,606	3,706

VEHICLE PASSAGE WIDTH	2,500	2,700	
MINIMUM MACHINE WIDTH*	4,313	4,513	* Includes supply chain
MAX MACHINE WIDTH**	4,128	4,328	** Includes power chain + optional splash shields

VEHICLE PASSAGE HEIGHT	Up to 2,500	Up to 2,800	Up to 2,900
RAIL LENGTH	9,000	10,000 -11,000	11,000



## NEW IMAGE UPDATED

The ISTOBAL M'WASH3 rollover unveils an image, with a more modern and streamlined central fairing, more curved visual lines and softer shapes.

A cleaner aesthetic that looks after the lighting in detail, thanks to the different options available:

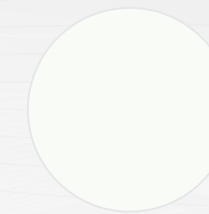
- > LED lighting with colour change effect
- > "DASH" Program Indicator Light
- > M'WASH light positioner (left and right)
- > Guides Centering LED lighting in stainless steel
- > Programmable LED text light



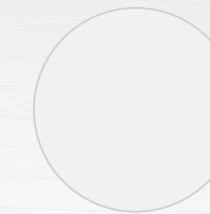
## ISTOBAL M'WASH3 COLOUR SELECTION



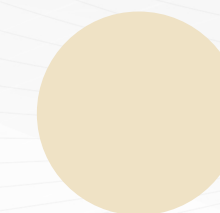
RAL 9016\*



RAL 9010



PANTONE®Cool Gray 1C



RAL 1013



RAL 7040\*



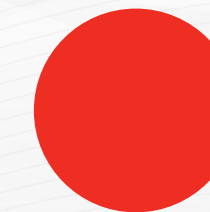
RAL 9006



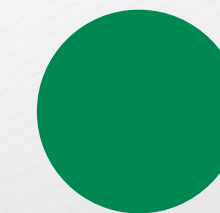
RAL 1021



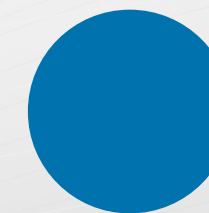
RAL 2004



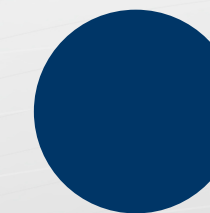
RAL 3020



PANTONE® 348 C



RAL 5015



RAL 5003

\* No extra charge

For other colours, see the ISTOBAL colour chart



## ✓ IMPROVED WASH QUALITY, due to the lateral inclination of the brushes

ISTOBAL M'WASH3 achieves full control over the two tilt positions of the side brushes.

The 10° inclination of the vertical brushes ensures an open angle for **more precision and optimised washing** than in combination with the horizontal brush, perfecting the wash of any vehicle shape.

All with **maximum brush stability** throughout the entire process.

## ✓ MORE COMPACT due to column design

The machine includes up to 4 **side pipes completely flush with the column**.

Completely clean passageway, with no overhang, to avoid any contact with the rear-view mirrors of the vehicle. **Fully integrated** piping elements and fairings on the columns enable a **clear view** and **improved aesthetics**.

Aluminium rails with closed profile and flush to the horizontal drying and brush guiding that integrate in its design anti-fall safety by blocking.

## ✓ INNOVATIVE TECHNOLOGY with new touchscreens

Two display options:

- > **UNIFIED 7" colour touch screen**- integrated in the operating station, makes it easy to connect and control all the options installed in the rollover. It makes the machine 100% connectable - Smartwash ready - provided it is included in the contracting.
- > **4" touchscreen**: Integrated into the operating station, it facilitates the control of all machine options.



## ✓ INCREASED PERFORMANCE with the drying system

The horizontal and lateral drying nozzle design maximises performance, minimising power consumption (1500 rpm engines) and noise emission (74.7dB in the 14kW combination).

- > **Two drying capacities** available:
  - 2 x 3 kw on side nozzles.
  - 2 x 4 Kw on horizontal nozzle.
- > **Difusor 3D Flow** improves the quality of horizontal drying, especially in the front and rear of the vehicle.
- > **Lateral drying** with optimised design that directs a large amount of air flow to the side and underside of the vehicle for optimal water transfer.
- > The machine is **programmable** by allowing different drying modes, from intense mode on the rear of the vehicle to express drying.



# SAFETY

## ☑ On bay

- > **Acoustic movement signal**  
Required on machines working in unattended mode.
- > **Horn stop**  
Required for installations using the APP.
- > **External anomaly alarm.**

## ☑ On machine

- > **Interior profiles**  
Safety system to prevent the vehicle from being positioned incorrectly.
- > **Exterior profiles**  
Safety system required when there is less than 0.5m between the machine and the adjacent surface: fence, pillar, walls, etc.



# OPTIONAL FEATURES



## ☑ HIGH-PRESSURE

Different options for high-pressure pre-washes which prepare the vehicle to improve the result of the subsequent brush wash. Options range from 15 to 80 bar.

- > **Fixed lateral high-pressure**  
For vehicles with coarse dirt such as mud.
- > **High pressure horizontal copying\***  
Specially formulated for cleaning insects.
- > **Oscillating side high-pressure with rotating nozzles**  
Greater impact and coverage for the best cleaning quality.

\* Also available with rotating nozzles.

## WASH QUALITY

WHEEL SIZE



+1 ★ in quality: Adding foaming chemical spray for wheels

The double extendable version of the wheel-wash is available for wide machines.

### WHEEL-WASH

- **Disc wheel-wash:** Wheel-wash system with scrubbing brush. Can be fitted with 19" and 21" brushes.
- **High-pressure disc wheel-wash with 2 nozzles:** It allows special attention to be paid to the wheels and the underside of the vehicle. Its dual direction of rotation achieves better results in new tyre designs.
- **High-pressure disc wheel-wash with 4 nozzles:** thanks to its 4 nozzles distributed on each disc, it allows the washing of larger rims while improving the washing in the wheel arch area.
- **High-pressure wheel-wash with rotating nozzles:** It achieves optimal touchless rim washing with its 6 rotating nozzles.

**IMPORTANT:** For optimal wash on any wheel-wash, a chemical spray is required prior to the wash, the recommended option is the chemical foaming spray for wheels.

### Multi-disk wheel-wash brush

With eight self-contained interior brushes that deep clean even the most difficult rims.

Its innovative mechanism promotes the independent rotation of the brushes by detecting friction, allowing it to reach all the grooves of different rims on the market.

This new mechanical system is integrated within the brush, making it easy to fit into any wash machine without any additional mechanism. Also available with integrated high-pressure wheel-wash brush.



### INTEGRATED INFINITE MOUSSE FOAM ARCH

It provides a surprising way to wash the vehicle through a **foam curtain with ISTOBAL esens® chemicals** that deposits a layer of high-density product over the entire vehicle body.

With a pleasant scent and **LED lights** that make the car wash experience a spectacle.

Installed on the inner face of the back casing of the **rollover**, it is applied in a **passage independent** of the wash.

Two effect options available: waterfall and rain.



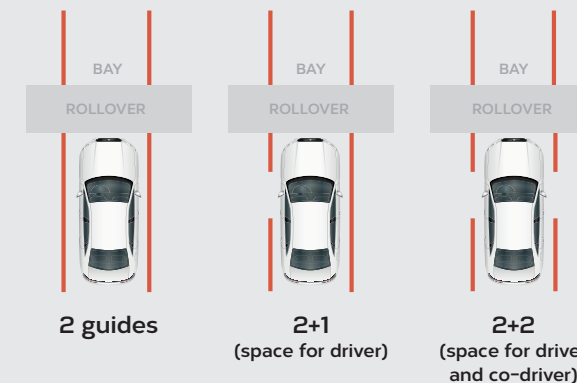
### CHEMICAL PRE-WASH APPLICATIONS

- **Chemical foam spray.** For the most stubborn dirt, achieves an exceptional wash.
- **Lower side chemical spray.** For better cleaning of vehicle skirting boards.
- **Chemical mosquito spray.** Specially formulated for cleaning insects and dirt from impacts on vehicles.
- **Chemical hot or cold spraying.** For the most difficult and stubborn dirt.
- **Chemical spray on foaming rims.** To dissolve the dirt on the rim and make it easier to clean the wheel-wash.

\* Options available for entire series

### STAINLESS STEEL LED GUIDES

**Stainless steel LED centring guides,** three possible configurations





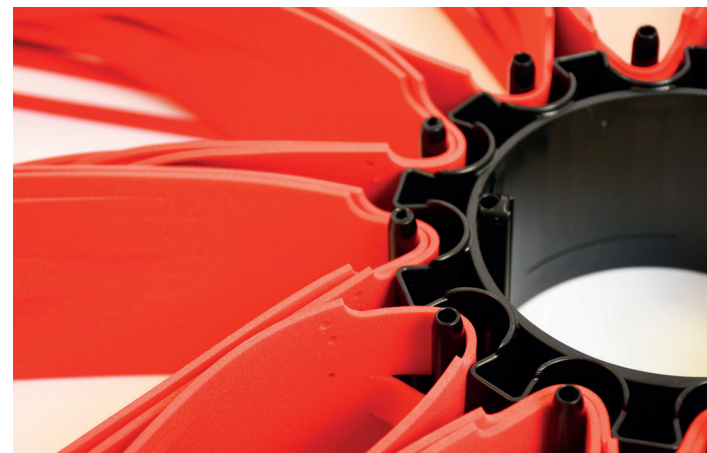
## ✓ REVOLUTIONARY AND EVOLVED

ISTOBAL's revolutionary Link-it® brush fitting system takes it one step further. It evolves with a one-piece mechanism that reduces the weight of the brush and makes it easier to fit, maintain and replace the wash material.

## ✓ SUSTAINABLE AND TRUSTED

It is not thrown away at different brush changes, which means that up to 50% of the environmental impact caused by the recycling of waste material from a brush section is reduced. In addition, the transport and storage of wash material in a conventional brush system can be reduced by 70%.

In addition, it has a high-impact resistance, thermal factor, fatigue resistance and does not deteriorate with washing chemicals.



### Advantages

- Fast and economical maintenance
- Improved ease of assembly.
- Maximum efficiency with minimal expense.
- Interchangeable and disposable material
- Maximum respect for the environment.



## ✓ Codec

- > 4.3" High-Contrast LCD Display.
- > INOX code numeric keypad.
- > Payment systems for bank and mobile cards.
- > Barcode readers or loyalty cards.
- > Pedestal or wall mounting.
- > Robustness and protection against adverse weather and vandalism.
- > Cost-effective and easy to amortise.
- > Coded operation possible, no connection to Terminal Shop.



## ✓ Connect-a

- > 4.3" High-Contrast LCD Display.
- > INOX code numeric keypad.
- > Coin and/or token validator.
- > Various payment systems for bank card and mobile.
- > Optional barcode reader and loyalty cards.
- > Cabinet, pedestal or wall mounting.
- > Wide variety of colours.
- > Resolution of queries via the communicator option.
- > Possibility to incorporate control equipment in cabinet version.



## ✓ Connect-a Touch

- > 8.4" TFT colour display with touchscreen for selection of options and codes.
- > Coin and/or token validator.
- > Various payment systems for bank card and mobile.
- > Optional QR code reader and loyalty cards.
- > Cabinet, pedestal or wall mounting.
- > Wide variety of colours.
- > Resolution of queries via the communicator option.
- > Possibility to incorporate control equipment in cabinet version.
- > Kiosk-like operation to enable additional services.





**PRE-WASH INSECT & RIMS**

**Highly concentrated 2-in-1 mosquito and rim pre-wash.** Removes insects and bird droppings on vehicle bodies and doubles as an effective wheel cleaner.

**SHAMPOO CLEAN & CARE PLUS**

**Excellent shampoo specially designed for brush cleaning,** the continuous use of which prevents soiling and slime formation, thus facilitating the maintenance of brushes and promoting a high-quality wash.

**RAIN WAX PLUS**

**Premium wax for rain,** that achieves an extraordinary shine and exceptional drying, this water-repellent wax causes rain to disperse when travelling at more than 80km/hour. Anti-rain effect and long-lasting shine.

**POLISH WAX**

**Recommended product for achieving a mirror effect.** After application, the brushes massage into the surface of the vehicle to provide an extra shine while protecting the paintwork.



In a digital world, it goes without saying that your car wash installation should be digital too. ISTOBAL increases the profitability and operational time of your machines, providing you with advanced maintenance and management services, as well as access to your equipment data.

You can also access accounting data, with a platform that exchanges information between different sales outlets and consumption. Smartly manage your facility, increasing its efficiency and giving your users the best wash experience.



## CHEMICAL PRODUCT SERVICE

ISTOBAL esens® is your perfect formula for getting the most out of your car wash equipment and providing the user with an extraordinary experience. Our extensive network of experienced consultants will advise you on the best pre-wash, shampoos and waxes, giving you the guidance you need in order to achieve the best possible performance. Take advantage of chemical products services, safe in the knowledge that you can always count on ISTOBAL products.



## TECHNICAL SERVICE

ISTOBAL offers the world's most comprehensive and technologically advanced Technical Assistance Services for wash equipment. The ISTOBAL Technical Service offers predictive maintenance as well as remote support to ensure the most rapid and effective maintenance possible, at your beck and call. Why not take advantage of the various maintenance contracts on offer, avoid any concerns or unpleasant surprises, and leave it all to us?



## MARKETING SERVICE

We want your business to grow, that's why we propose marketing campaigns to build sales, increase traffic and create the trust and collaboration that you need to make your clients loyal. A carefully managed, 100% ISTOBAL presence, posters, advertising banners and evaluation of promotions and commercial campaigns will help you to push your business forward.



We invite you to visit the ISTOBAL EXPO, a product showroom located at our headquarters in L'Alcúdia - Valencia, Spain to discover our latest products and solutions, including the ISTOBAL M'WASH3 rollover.



# ISTOBAL

Vehicle Wash & Care

**Update date: March 2023**

The images, videos and information that appear in this space are non-binding and merely illustrative examples. They may be optional or not available, depending on the model, and do not constitute an offer. You can contact ISTOBAL's sales department for any additional information, or to request a quote for our products.