

# ISTOBAL M'WASH2



**ISTOBAL**  
Vehicle Wash & Care

# THE NEW M'WASH2

ISTOBAL perfects its M'START rollover to present the **new ISTOBAL M'WASH2**.

A rollover and drying system consisting of 2 vertical brushes and 1 horizontal brush controlled by frequency inverters for greater wash quality and control.

More **flexible** thanks to multiple configurations, with a **compact, state-of-the-art design** and total **versatility**.

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'WASH2

- ✓ Up to 15 programmes can be set up to improve the commercial offering and increase the profitability of the business.
- ✓ 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 settings.
- ✓ New options such as chemical mosquito pre-wash and high-pressure with rotating nozzles increase the average ticket.
- ✓ Stackable high-pressure solenoid valves with direct current supply to reduce consumption.
- ✓ 21L or 42L on-board pump to minimise set-up work and/or suitability of the wash area.
- ✓ Improved fluid distribution with post-solenoid chemical injection and dual injector allow more chemical options to be included in rollovers.
- ✓ New look on fairings, lights and vinyls for a better user experience.
- ✓ Better foaming thanks to the upper nozzles that reach the entire vehicle profile.



# SPECIFICATIONS AND TECHNICAL DATA

## ISTOBAL M'WASH2

✓ **INNOVATIVE TECHNOLOGY**  
with new touchscreens

New higher-level control automation and increased performance.  
Up to 15 programmes can be set.

The operating station enables all external machine components to be connected. Two display options:

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

✓ **Versatility** thanks to different size combinations

Robust and compact construction, available in four heights and two different wash widths:

WASH DIMENSIONS				
VEHICLE PASSAGE HEIGHT	2,300	2,500	2,700	2,900
VEHICLE PASSAGE WIDTH	2,400   2,600	2,400   2,600	2,400   2,600	2,400   2,600
RAIL LENGTH	9,000	9,000	10,000	11,000
MINIMUM MACHINE WIDTH*	3,800   4,000	3,800   4,000	3,800   4,000	3,800   4,000
MAX MACHINE WIDTH**	4,145	4,145	4,145	4,145
TOTAL MACHINE HEIGHT	3,083	3,313	3,513	3,713

\* Includes supply chain

\*\* Includes power chain + optional splash shields

All dimensions in mm.





## ✓ **PROGRAMME CONFIGURATOR** Greater flexibility

The flexible programming system fitted as standard with ISTOBAL M'WASH 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.

## ✓ **Optimised washing** by tilting the brushes.

Precise wash control thanks to the 10° inclination of the side brushes.

The tilt system maintains control in both tilted and vertical positions.



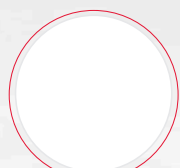
## SPECIFICATIONS AND TECHNICAL DATA

### NEW IMAGE UPDATED

With an updated look, the new M'WASH2 features **new front and back fairings** with softer, more rounded shapes.

With regard to **LED lighting**, attention to detail has been paid in both the pictogram and the positioning area, following the style line of the entire M'WASH series.

#### FAIRING COLOURS



RAL 9016\*



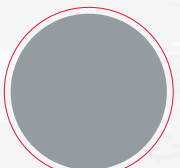
RAL 9010



PANTONE®Cool Gray 1C



RAL 1013



RAL 7040\*



RAL 9006



RAL 1021



RAL 2004



RAL 3020



PANTONE® 348 C



RAL 5015

\*No charge

For other colours, see the ISTOBAL colour chart



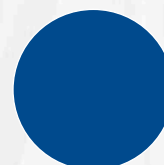




## BRUSH COLOURS



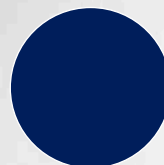
Sky blue  
(Feel/foam)



Ultramarine blue  
(Feel/foam)



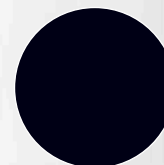
Sapphire blue  
(Feel/foam)



Cobalt blue  
(Feel/foam)



Lilac  
(Foam)



Graphite black  
(Feel/foam)



Dusty grey  
(Feel/foam)



Anthracite grey  
(Feel/foam)



Sulphur yellow  
(Feel/foam)



Orange  
(Feel/foam)



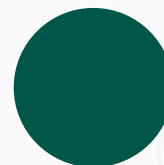
Strawberry red  
(Feel/foam)



Lime green  
(Feel/foam)



Emerald green  
(Foam)



Pine green  
(Feel/foam)

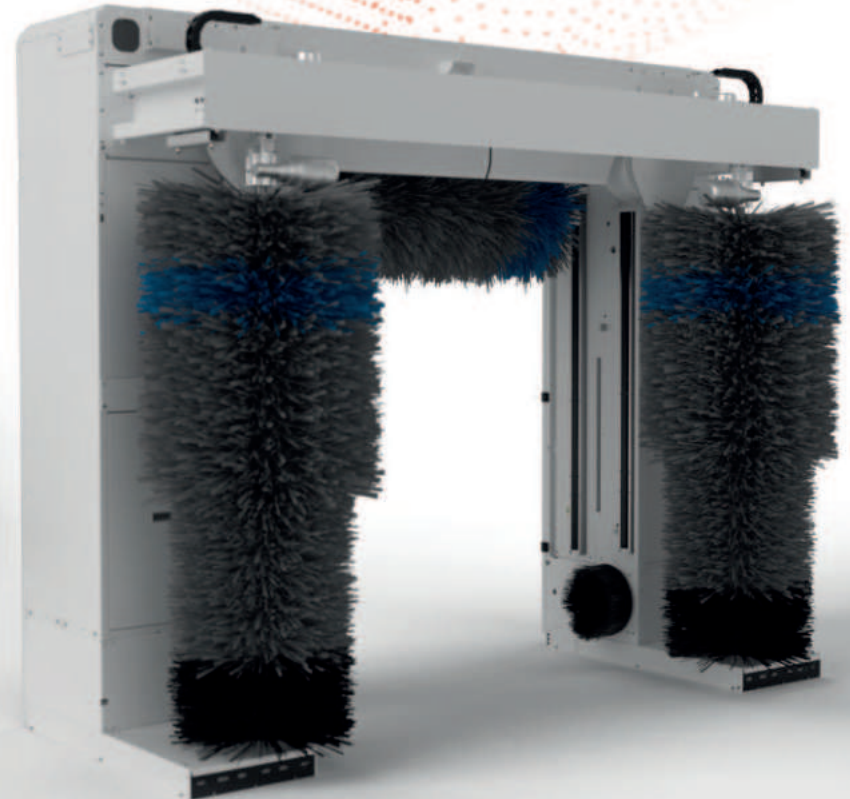
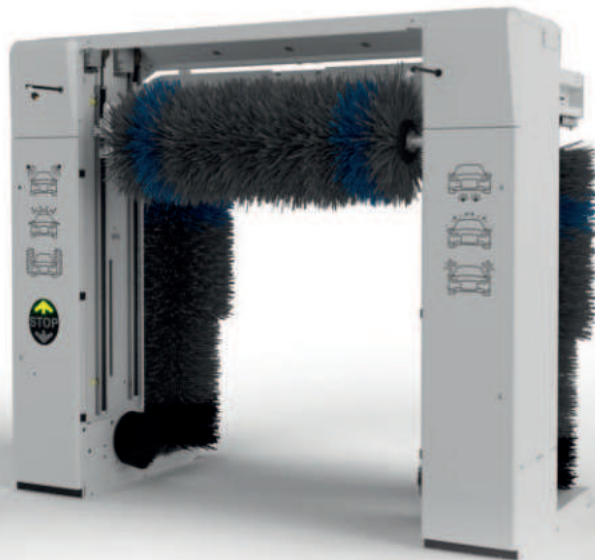
# SAFETY

## ☑ On bay

- > **Acoustic movement signal**  
Required on machines working in unattended mode.
- > **Horn stop**  
Required for installations using 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

## ☑ DRYING

Drying 13.6 kW (2x3.8 kW + 2x3 kW), with optional 2D horizontal nozzle and deflector for better results at the rear of the vehicle.

Optimised flow and silencers for lower sound pressure.

## ☑ ANTISPLASH SCREEN

Acrylic curtains and aluminium reinforcements which are integrated into the machine structure in a safe and practical design. It is a recommended option to prevent splashing in the wash phase.

## ☑ HIGH-PRESSURE

Different options for high-pressure pre-washes which prepare the vehicle to improve the result of the subsequent brush wash.

- > **Fixed side high-pressure:** It has fan-shaped spray nozzles to ensure better coverage during pre-wash. The ideal complement to a complete wash.
- > **Side high-pressure with rotating nozzle:** Specially designed to achieve a better result on the base of the vehicle.
- > **Higher non-copying high-pressure with rotating nozzles.** Fastest and lowest drip rate option.
- > **High-pressure, horizontal rotation** Specially designed for cleaning mosquitoes and other attached insects.

NEW

### On-board pump 21 L/min or 42L/min:

With the ISTOBAL on-board system, ISTOBAL incorporates the 21 L/min or 42 L/min high-pressure pump integrated into the column.

A high-pressure side option that avoids the cost of external mounting of these types of pumps in the technical room.



## OPTIONAL FEATURES

### ☑ 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:** Achieve an optimal touchless rim wash with six rotating nozzles.

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



#### 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.



## WASH QUALITY

### WHEEL SIZE



WHEEL-WASH  
DISC 21"

MULTI-DISK 21"  
WHEEL-WASH

WHEEL-WASH  
HIGH-PRESSURE  
DISC 2 NOZZLES 21"

WHEEL-WASH  
HIGH-PRESSURE  
DISC 4 NOZZLES 21"

WHEEL-WASH  
HIGH-PRESSURE  
DISC 2 NOZZLES  
MULTI-DISK 21"

WHEEL-WASH  
MULTI-DISK  
4 NOZZLES 21"



WHEEL-WASH  
DISC 19"

WHEEL-WASH  
MULTI-DISK 19"

WHEEL-WASH  
PRESSURE DISC 2  
NOZZLES 19"

WHEEL-WASH  
HIGH-PRESSURE  
DISC 4 NOZZLES 19"

WHEEL-WASH  
HIGH-PRESSURE DISC  
2 NOZZLES  
MULTI-DISK 19"

WHEEL-WASH  
MULTI-DISK 4  
NOZZLES 19"

**+1 ★ in quality:** In all cases, adding a rim chemical spray.



## OPTIONAL FEATURES

### ☑️ CHEMICAL PRE-WASH APPLICATIONS

The available cleaning sprayers are:

#### NEW

##### **Chemical mosquito spray:**

Specially formulated for cleaning insects and dirt from impacts on vehicles.



#### NEW

##### **Foaming chemical rim spray:**

To dissolve the dirt on the rim and make it easier to clean with the wheel-wash.



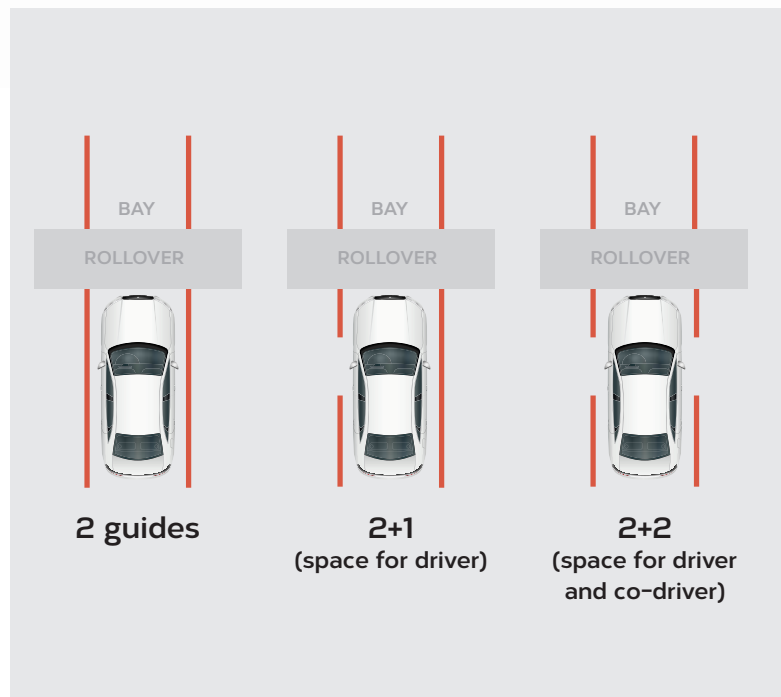
#### IMPROVED

##### **Lateral foaming chemical spray:**

Specially designed for stubborn dirt, it achieves exceptional cleaning results.

The new nozzles in the upper corners ensure that the entire surface of the vehicle is cleaned.





## ✓ APPLICATIONS FOR A BETTER FINISH

### IMPROVED

- **Polish Wax:** recommended option for a mirror effect. After application, the brushes massage into the surface of the vehicle to provide an extra shine while protecting the paintwork.
- **Super Wax:** system for applying drying wax with gloss effect (non-waxing) to protect the vehicle. Gives long-lasting shine.

## ✓ STAINLESS STEEL LED GUIDES

Stainless steel LED centring guides, three possible configurations:

# AND ALSO

## linkit® Brushes

### ✓ 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

The Link-it® system is reusable, 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 great resistance to impact, thermal factor, wear and tear, 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



## Chemical Products

### ✓ 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.





# PAYMENT TERMINALS



## ✓ 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 fastening.
- > 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.

# CONNECTIVITY



In a digital world, it goes without saying that your car wash facility 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.



## MEET THE NEW M'WASH RANGE

- ☑ **M'WASH2:** Versatile with a compact design
- ☑ **M'WASH3:** Great performance whatever your need
- ☑ **M'WASH3 PRO:** Optimum technology and productivity with an innovative design
- ☑ **M'WASH4:** Innovation working to the benefit of users



ISTOBAL presents the **M'WASH** range, a new generation of rollovers using the most efficient and connected technology available to increase the profitability of vehicle cleaning businesses and offer a better user experience. The **M'WASH** range incorporates the new **M'WASH3 PRO**, **M'WASH3** and **M'WASH2** rollovers, which now join the high-end **M'WASH4** rollover. Thanks to more productive, reliable and safe technologies.

**Smartwash-enabled machines** allowing for smart management solutions by providing real-time facility data, and able to remotely maintain and monitor any rollover, while boosting machine productivity and uptime. And an all-new, **customisable look, with flexible programs** and a wide range of options for a more modern and intuitive wash experience.



# ISTOBAL SERVICES



## 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.

# DISCOVER THE ISTOBAL



**+70**

years of experience



**+80**

countries represented



**+72%**

international sales



**1.000.000**

washes/day  
worldwide



**30.000**

units installed  
worldwide

For more  
information



We would like to invite you to visit the ISTOBAL showroom located at our head office in Valencia (Spain) to discover our latest vehicle washing products and solutions.





**Update date: July 23**

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