

ISTOBAL perfects its M'START rollover to present the new

# ISTOBAL M'WASH3



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

# THE NEW 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.



✓ 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.

## NOW AVAILABLE IN A COMBINATION MACHINE UPGRADE

which offers both Touchless and Foam wash options for your customers

### ✓ 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'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.

### ✓ 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 2.50m at rear-view mirror height. Also available in 2.70m width.

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



## ✓ 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.

## ✓ 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.

## ✓ INNOVATIVE TECHNOLOGY

with new touch screens

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.



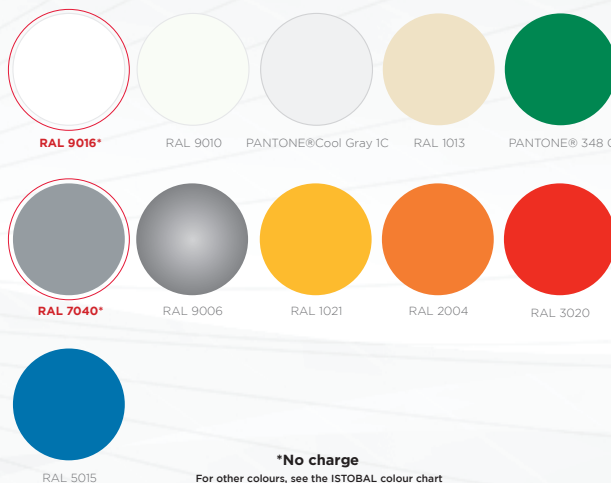
## NEW IMAGE UPDATED

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





## ✓ INCREASED PERFORMANCE

### with the drying system

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

**Two drying capacities** available:

- 2 x 3kw on side nozzles.
- 2 x 4Kw on horizontal nozzle.

**Diffuser 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.

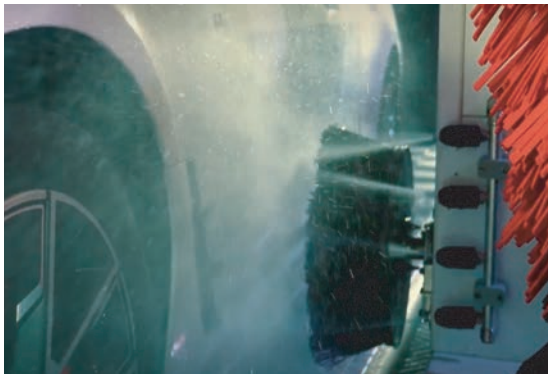


## ✓ HIGH-PRESSURE

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

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

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



## ✓ 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.



## ✓ CHEMICAL PRE-WASH APPLICATIONS

**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.



Contact us now to find out more!

**Call - 02 9757 4700**

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