

# ISTOBAL

M'NEX32



ISTOBAL M'NEX32  
The rollover that shines out



The new ISTOBAL M'NEX32 rollover sets high technology at the service of vehicle care.

Offering an extraordinary car wash experience while ensuring maximum efficiency and quality was the main goal of ISTOBAL in the development this rollover.

The multiple solutions of the M'NEX range now include a model with the latest features and innovative optional extras to provide excellent car care.

At the forefront of design, technology and quality, ISTOBAL M'NEX32, the rollover that shines out.



 **ISTOBAL**  
M'NEX32



## ► High technology

### LED screens

Car wash phases are dynamically and intuitively displayed thanks to the application of the latest lighting technologies to the car wash industry.

## ► Original design

### New horizontal fairing

With a contemporary design in line with current trends in the automotive market and a LED lighting set, this futuristic fairing makes a real difference.

## ► Total adaptability

### Brush tilt

Greater wash precision thanks to the pneumatic tilting of the vertical brushes in two directions, able to wash the most difficult vehicle shapes.

## ► Customisation

### Program configurator

A new-generation system for flexible programming allows a full customisation and configuration from the start for each wash program.

Speeds, dosing pumps, light signs, and all functions can be set in line with different needs.

#### WASH DIMENSIONS

Max. vehicle height	2300		2500		2700			
Vehicle access width	2500	2700	2500	2700	2500		2700	
Length of rails	9.000	9.000	9.000	9.000	10.000	11.000	10.000	11.000
Minimum machine width*	4.058	4.258	4.058	4.258	4.058	4.058	4.258	4.258
Maximum machine width**	4.312	4.512	4.312	4.512	4.312	4.312	4.512	4.512
Length of bay	9.500	9.500	9.500	9.500	10.500	11.500	10.500	11.500
Total machine height	3.100	3.100	3.300	3.300	3.500	3.500	3.500	3.500

\* Includes energy chain.

\*\* Includes energy chain + optional splash screens.

All measurements in mm.



## Dryers



A large variety of dryers with maximum efficiency and minimum consumption: full dryer, horizontal dryer with adjustable diffuser and Smartflow dry system, patented by ISTOBAL.

Available dryer power:

- 2 x 3 kW on side nozzles.
- 2 x 4 kW on horizontal nozzle.

## High-pressures



Various high-pressure pre-wash options prepare the vehicle for a subsequent brush wash, optimising the results. Options available from 15 to 160 bar:

- High-pressure horizontal scanner.
- Fixed side high pressure.
- Oscillating side high-pressure and rocker panel high pressure.

## 7" touch screen

New



7" colour touch screen built into the command post for easier connection and control of all optional extras installed on the rollover.

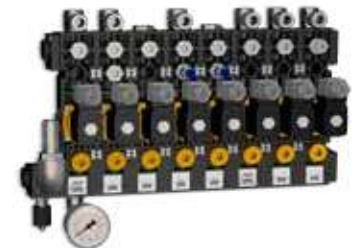
## PLC



Total centralised rollover control thanks to the new Siemens PLC, with great capacity and a high processing speed.

With native Profinet connectivity.

## Fluids board



Complete redesign of the fluids board with a common water collector at the outlet of the modules. Double injector after solenoid valve.



# The best equipment

## Wheel wash

### Disk wheel wash with high-pressure

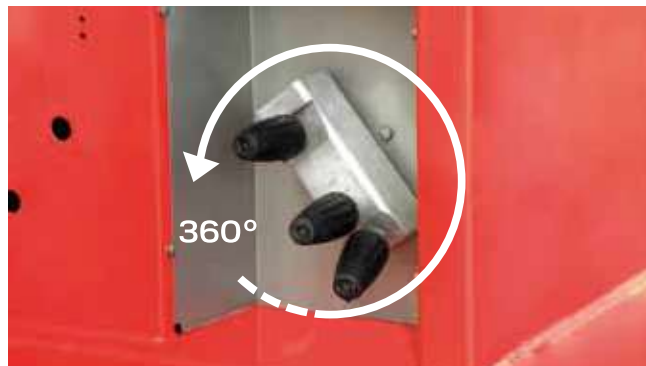


Built-in high-pressure wheel washer for a thorough wheel wash, covering the vehicle side as well as the rocker panel. Two-direction spin for a better result on new rim designs.

Other options:

- Disk wheel wash.
- Telescopic disk wheel wash.

### High-pressure wheel wash



Six rotating nozzles for a top-quality rim wash; the ideal companion to the horizontal high-pressure.

### Multi-disk wheel wash brush

Wheel wash brush with eight autonomous inner brushes to thoroughly wash the most difficult rims.

An innovative friction-detection mechanism helps the brushes rotate independently, reaching into the grooves of the different rims available in the market.

This new mechanical system is built into the brush, which means the wheel wash can be fitted on any car wash equipment without any additional devices.

The wheel wash brush is also available with built-in high-pressure.



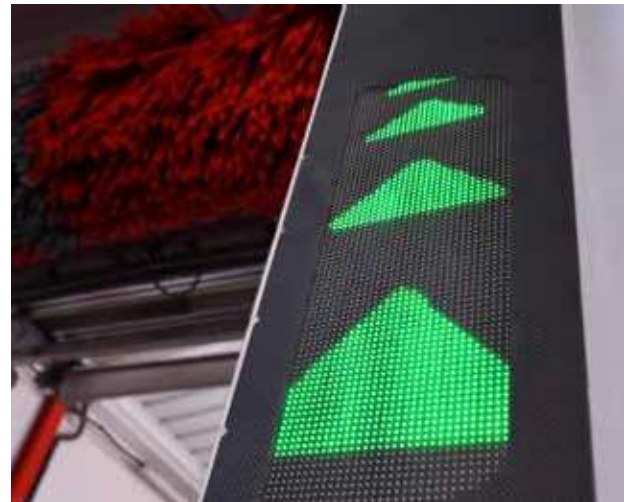
Scan to watch video.

## LED signs

Enhance the image of your car wash facility with the new LED signs.

ISTOBAL M'NEX32 has been designed to incorporate LED screens on the top fairing and on the rollover front doors. Different animations and messages can be displayed to help customers understand wash phases and make the user experience more enjoyable.

The facility's image can also be completed with centring guides with multi-colour LEDs, lightening up the wash bay and therefore facilitating the vehicle positioning.



## Infinite foam arch

An amazing way of washing the vehicle through a foam curtain with ISTOBAL esens® chemical products, covering up the bodywork with a dense product layer.

The bright colours and pleasant smell of the foam, together with the LED lighting system, turn the car wash experience into a show.

Installed onto the back fairing of the rollover, it is applied on a dedicated wash pass.



Scan to watch video.

## Open tilt



Greater wash accuracy thanks to the 10° tilt of the vertical brushes; in combination with the horizontal brush, washing any vehicle shape is now easier.

## Rear tilt



The 12° pneumatic tilt of the vertical brushes allows the most complicated profiles to be washed with optimum results.



# Car wash optimisation

ISTOBAL offers the best car wash products, adding value to machines and increasing efficiency at the car wash facility. Optimising each wash process to the full, ISTOBAL esens® chemicals are the best complement to our car wash and car care solutions.

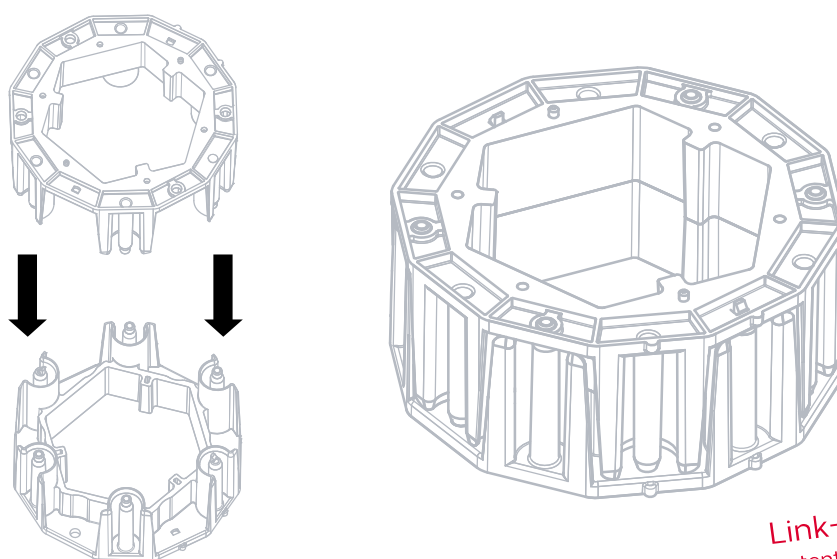
## Brushes

A good brush should ensure that the materials in contact with the vehicle have optimal cleaning and caring capabilities. ISTOBAL car wash brushes have been developed considering several important aspects such as the material of the brush and the fitting system.

Two diameters are available for brush sections (900 and 1000 mm, combinable) and their average density exerts less pressure on the vehicle sheet, while making less noise.

Their low water absorption and residual moisture mitigates dripping after use, obtaining a better final dry.

The **fitting system** consists of a mechanism that secures and combines different materials in a single detachable assembly composed of two individual parts fitted together, making up a complete brush section. The system allows the brush material to be easily replaced.



Link-it® system  
patented by ISTOBAL



\* For the colour range of car wash materials, contact a sales agent.



## Chemical products

As car wash experts for more than 65 years, we know that an effective chemical is essential to obtaining an impeccable finish. ISTOBAL esens® is the chemical product brand developed by ISTOBAL, offering chemical solutions that meet our customers' expectations and maximise the profitability of car wash equipment.

### Chemical pre washes



Our insect remover is the ideal complement for an exceptional finish. A high-flow pneumatic pump applies a highly efficient specific product to remove mosquitoes and stubborn dirt.

Other chemical pre-washes available:

- Rim cleaner.
- Pre-wash acidic shampoo.
- Pre-wash alkaline shampoo.

### Foams



The 'Plus' active foam eliminates stubborn dirt and gives the bodywork shine and protection. It also keeps the brushes clean and flexible, increasing their efficiency and durability.

Other foams available:

- Peach active foam.
- Triple colour active foam.
- High-shine active foam.

### Waxes



The latest-generation Glossy Tears drying wax creates a rain-repellent film on the vehicle surface, improving visibility under wet conditions and increasing safety.

Other waxes available:

- Extra shine wax.
- Superwax.
- High shine polish wax.
- Plus water-repellent wax.

### Fragrances



Innovative super-concentrated fragrances available for smell-free products. Their use allows facility operators to personalise the car wash experience.

Available fragrances:

- Candy.
- Mandarin.
- Mango.
- Pineapple
- Cherry.

# Always connected

## Payment terminals



A good car wash experience begins at ISTOBAL payment terminals, where users buy or activate the desired wash programs directly.

From the user friendliness of **Codec** to assisted personalisation in **Connect-a**, users enjoy the car wash for themselves, the facility not necessarily being staffed.

## Car Wash Kiosk



This equipment offers a centralised program-sale service that allows users to buy the desired car wash type (automatic or manual) and even pre-paid multi-washes.

**Car Wash Kiosk** also incorporates the virtual assistant, who advises users about the best wash program.

## Virtual assistant



Our payment terminals and the Car Wash Kiosk include a **Virtual Assistant** who advises customers about the best wash program for their needs.



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## Communication systems

### IstoSmart



A remote control system to monitor all car wash facilities in a global way for a quick and simple response to individual client needs.

**IstoSmart** has been designed for clients not to worry about anything other than business profitability.

### IW Manager



**IW Manager** provides direct Technical Assistance Service access to maintenance and configuration screens for on-line diagnosis and service. This tool enhances response and allows car wash facilities to be simultaneously connected.

Access can be gained from any computer or mobile device.

### Screen Access



Software for remote access to the command post of car wash equipment. **Screen Access** displays all the information on the touch screen program allowing the technical staff to visualise it and interact with it.

This application uses the VNC (*Virtual Network Computing*) connection and is compatible with JAVA web browsers.

*Control in your hands...*



PREMIUM fairing with BOOMERANG lighting.



ZENIT fairing with LED side screens.



PREMIUM fairing with LED top and side screens.

## Colour range



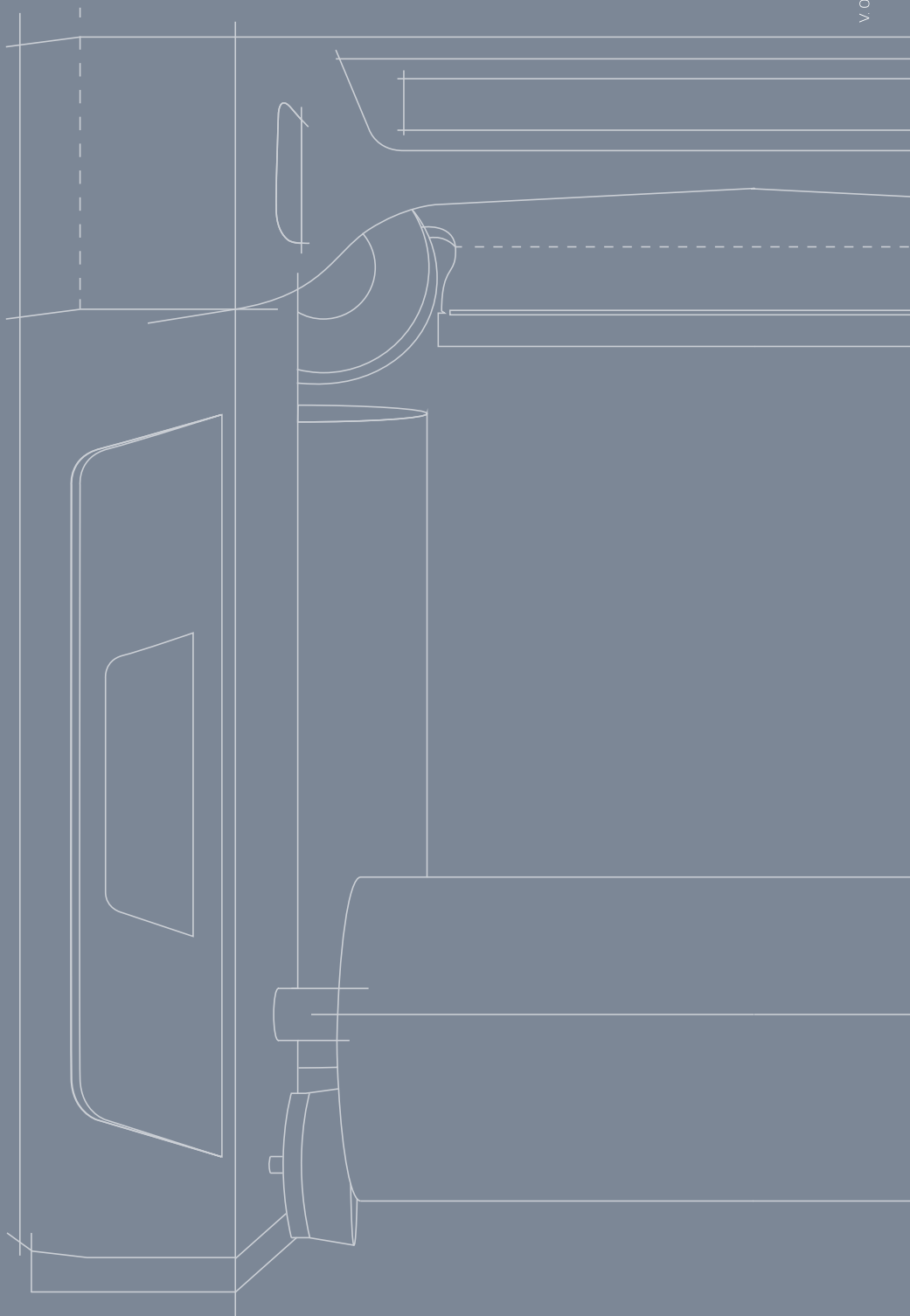
RAL 9018



RAL 3020

PANTONE Cool Gray 1C	RAL 9016	RAL 9010	RAL 1013	RAL 1003
RAL 2004	RAL 3020	PANTONE 348C	RAL 5004	RAL 5015
RAL 5003	RAL 5011	RAL 7040	PANTONE 424C	RAL 9005

\* For other colours, see ISTOBAL colour chart.



 **ISTOBAL**

**ISTOBAL, S.A.**

Conde del Serrallo, 10

46250 L'Alcúdia (Valencia) Spain

**T** +34 962997940 · **F** +34 962997991

istobal@istobal.com · **www.istobal.com**

