

M'NEX

INFINITY SOLUTIONS



GOODSIGHT

CAR WASH EQUIPMENT & SUPPLIES

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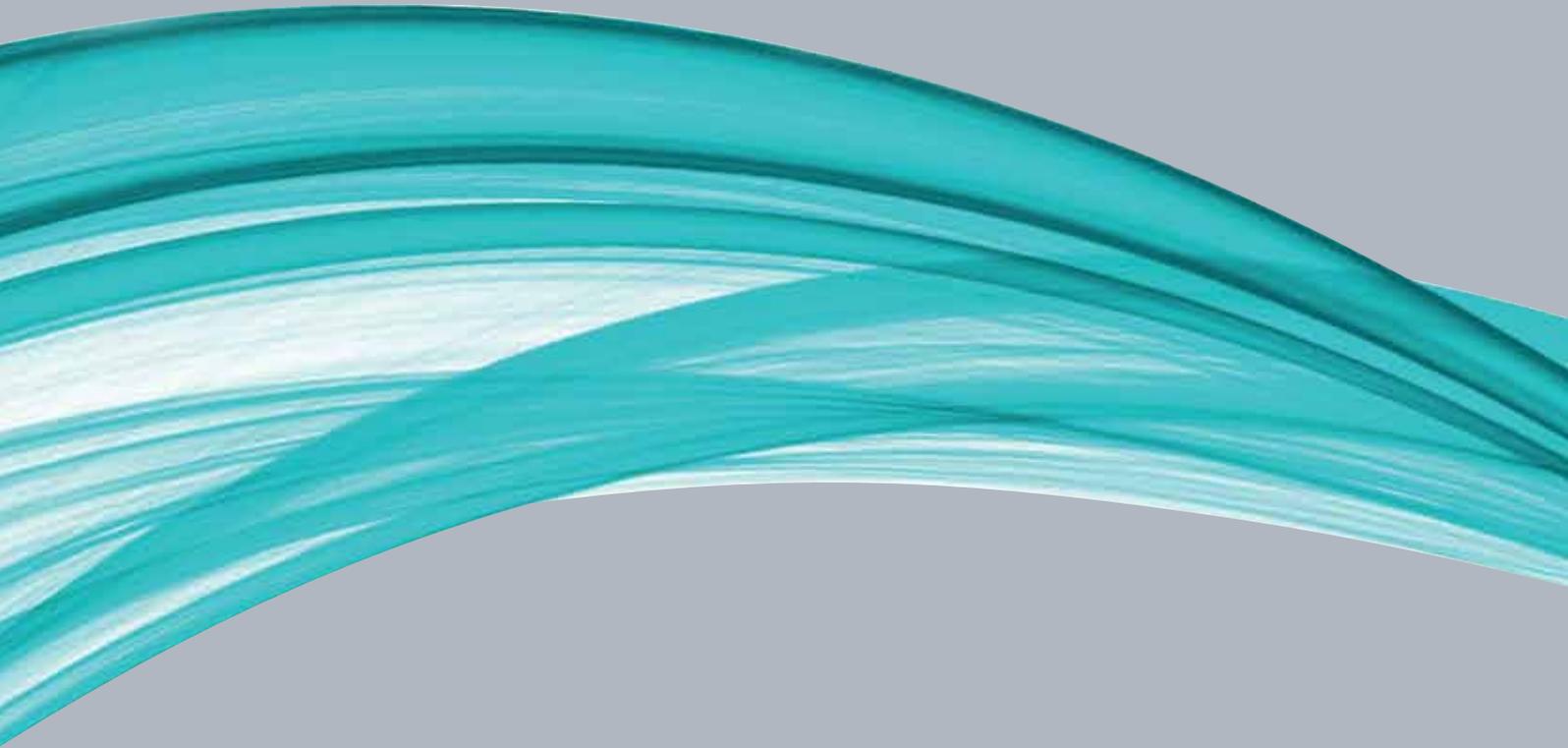


THE WASH WORLD'S NEW EXPERIENCE.

The M'NEX rollovers designed by ISTOBAL will exceed all your expectations. The elegant modular design of this new series sets a new trend while meeting all your automatic vehicle wash needs.

Discover all the advantages that the different M'NEX rollovers offer.

The most brilliant generation has arrived.



M'NEX

MUCH MORE

The new generation of rollovers stands out in so many ways: looks, mechanics, flexibility, and versatility. It has been created to satisfy the needs of the most demanding professionals in the wash world.

What's more, this new series has a special quality which makes it different to anything the market has ever known before: its adaptability.

The interior immediately appeals with its stylish modern design, which combines the latest technology and maximum reliability in the wash.



M'N

► MORE EFFICIENT

Brush and horizontal dryer lift

Our new system features 2 separate groups of lifting motors with **KEVLAR®** fibre reinforced flat belts eliminating counterweights.

Mounted on top of the column, the lifting system is easily accessible and virtually maintenance free.

Speed and position control via frequency converters and encoders

These components allow greater control of the horizontal brush and dryer, getting wash and dry times down by optimising the speed of displacement.

► MORE FLEXIBLE

Program configurator

The new generation system of flexible programming incorporated into the M'NEX rollovers means each wash program can be personalised and created from scratch.

In addition, you can comfortably configure speeds, dispensers, lighting codes and other functions according to the requirements of the wash programs you choose.

► MORE VERSATILE

High pressure

New top high pressure system without scanner and with zero angle nozzles. The possibility of applying oscillating and side high pressure on the same pass.

Quicker because no vehicle scanning is needed.

Fewer problems caused by dripping because it is not directly above the vehicle.



M'NEX



▶ ROOMIER

New height and width combinations on each model, which means the needs of all vehicles currently on the market are covered.

Greater standard wash width of **2.50 m** at the mirror height. Width of **2.70 m** also available.

▶ MORE RELIABLE

Wheel wash

Smoother operation thanks to a new chassis with 3 antivibration points.

New high pressure hydraulic rotary joint

A more effective design with rotating unions which are completely sealed and low friction guide system, resistant to dirt and rust.

Photocells

New generation photocells specially designed for use on rollovers. Greater accuracy and reliability.

▶ MORE MODERN

Front fairing

New updated image: a design fully in tune with the latest trends in the automobile sector. Lights with LED technology guaranteeing lower consumption and longer life.

Rear fairing

The rear fairing is integrated into the structure design of the machines to improve the overall look.

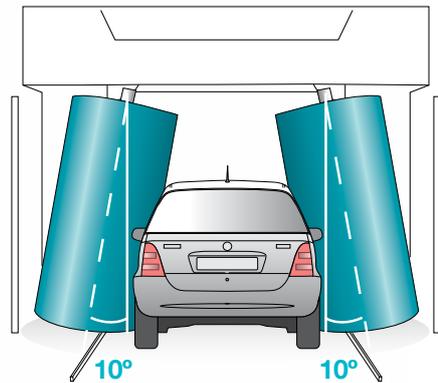
M'A



► GREATER TILT

New pneumatic system

- Total control over the two tilt positions of the side brushes.
- Greater wash accuracy where the side meets the roof of the vehicle.
- Greater brush stability during the wash.



► MORE COMPACT

Columns

Up to 4 side pipes totally flush with the column.

The vehicle is thus free to pass through with no risk of protruding parts coming into contact with the wing mirrors. The fairing over the various parts and pipes, which are totally integrated totally into the columns, gives the machine a much more appealing look.

Aluminium guides artfully concealed in the column keep the brushes and horizontal dryer on track.

► MORE TECHNOLOGY

Control CPU

CPU with unified modules and more flexible configuration possibilities for optional extras. Includes Profibus communication protocol: communication is easier. Wiring, cables and connections are kept to a minimum. Bigger memory.

Command post

Connects and controls all the external optional extras of the machine.

Two viewing options: standard and colour touch screen.



► MORE SAFETY

Include as standard a wide range of multisystem safety features to guarantee safe wash facility.

Many optional safety features are also available to meet the more specific needs of each facility: vehicle derailing prevention system, exterior anti-smashing system and safe height limit.

► BETTER PERFORMANCE

Horizontal and side dryer

New dryer nozzle design which maximises performance and minimises consumption (1500 rpm motors) and noise (71.1 dB with 12 kW).

Available dryer power:

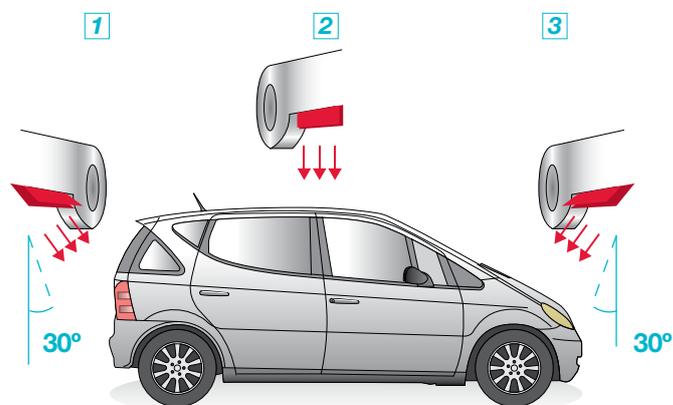
- 2 x 3 kW on side dryers
- 2 x 3 kW / 2 x 4 kW on horizontal dryer

New diffuser with 3 positions

Improved quality on the horizontal dryer, specially on the front and back of the vehicle.

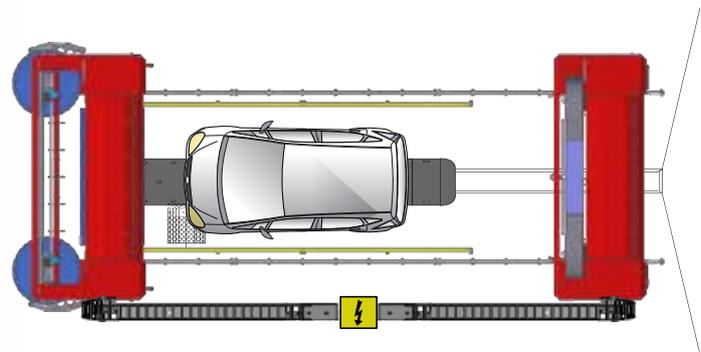
New side dryer

The design of the nozzles has been optimised to channel the maximum air flow towards the rocker panel to draw off the maximum amount of water.



M'NEX25

- ▶ Two synchronized rollovers (dry -wash) working on one single 1.1 m bay and giving truly surprising results.
- ▶ High-flow drying at low revolutions (1500 rpm) and 14 kW of power.
- ▶ Double service lines connected by energy chain.
- ▶ Powder coating with a minimum thickness of 60 micras (30µ primer, 30µ colour)
- ▶ Maximum flexibility: optional extras can be added to both modules- dry and wash - thus optimizing each pass.



WASH DIMENSIONS

WASH HEIGHT	2.300	2.500				2.700	
WASH WIDTH	2.500	2.500	2.700		2.500	2.700	
LENGTH OF RAILS	11.000	11.000	12.000	11.000	12.000	12.000	12.000
MINIMUM MACHINE WIDTH*	4.058	4.058	4.058	4.258	4.258	4.058	4.258
MAXIMUM MACHINE WIDTH**	4.312	4.312	4.312	4.512	4.512	4.312	4.512
TOTAL MACHINE HEIGHT	3.100	3.300	3.300	3.300	3.300	3.500	3.500

* Includes energy chain

** Includes energy chain + optional anti-splash screens

All measurements in mm.

COLOUR SAMPLES M'NEX



RAL 9016



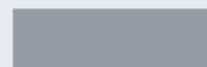
RAL 9010



PANTONE® Cool Gray 1C



RAL 1013



RAL 7042



RAL 9006

M'NEX

25

TWOGETHER TO WIN



HORIZONTAL HIGH PRESSURE



Fitted to the wash module, its smooth accurate operation combined with 14 rotating nozzles means every last corner of the vehicle is treated to a thorough high pressure wash.

Other high pressures are available in levels ranging from 15 to 160 bar:

- High pressure sides fixed-position
- High pressure sides oscillating
- High pressure for rocker panel

* Optional extra available only for M'NEX25.

WHEEL WASH WITH HIGH PRESSURE



6 rotating nozzles give a top quality rim wash. The ideal companion to the new horizontal high pressure.

On top of this, the flexible configuration possibilities of this new series means different wheel washes can be fitted to both modules of the M'NEX25.

* Optional extra available for the whole M'NEX series.

* For other colours please check the ISTOBAL available colour



RAL 1021



RAL 2004



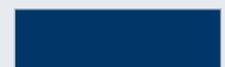
RAL 3020



PANTONE® 348 C



RAL 5015



RAL 5003

MORE IMAGE

ZENIT FAIRING



Modern sleek cover design makes **M'NEX** the appearance rival its technological capability. Its modern desing includes supplements for the different machine heights.

BOOMERANG LIGHTING



The most spectacular modern lighting, which features the latest LED technology. Developed exclusively to reinforce the ultra modern look of the ZENIT fairing.

CUBIK FAIRING



Smooth, straight lines for a functional fairing. Available in sides only or central front fairing versions.

LINEAR LIGHTING



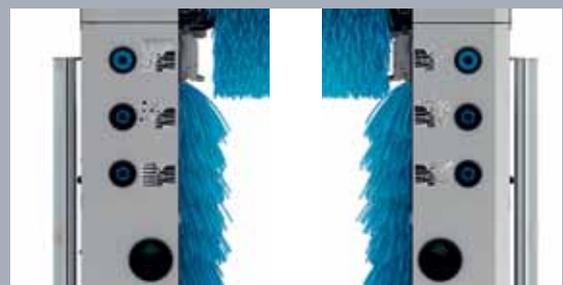
Lighting with wash phase indicators, integrated traffic light and positioning (only for ZENIT fairing).

ANTI-SPLASH SCREENS



A modern, practical design which can incorporate any of the external safety options your facility may need in a visually appealing way.

SFERIC LIGHTING



Wash phase indicator lights, with traffic light or designer positioning to blend in stylishly with your CUBIK or ZENIT fairing.

MORE FEATURES

CHEMICAL SPRAYS



The ideal accessory for increasing profits on your wash facility. Dosing pumps equipped with VITON® membranes offering greater resistance to aggressive chemical products.

UNDERCHASSIS WASH



The perfect optional extra for the best all-round wash for your most demanding customers. You can choose from: fixed underchassis wash 10 bar, 90 l/min., oscillating underchassis wash 15 bar, 120 l/min. or underchassis wash by sectors 15 bar, 120 l/min.

DRYERS



Get an optimum quality dry with the new high-flow side dryers comprising two independent motors at 1500 rpm and 3 kW of power.

HIGH PRESSURE



Various high pressure prewash options which prepare the vehicle for the brush wash and thus improve the results. Choose from versions: 15 bar and 120 l/min., 80 bar and 42 l/min. or 80 bar and 84 l/min.

IW-MANAGER



New software developed for integrated control of all the units in your wash either for local or remote setup.

COLOUR TOUCH SCREEN



New generation colour touch screen on a functional command post making it easier to connect and control all the optional extras on your wash machine.

M'TUNING BY ISTOBAL

EXCLUSIVE DESIGNS
FOR YOUR **M'NEX22** or **M'NEX25**.

Different M'Tuning designs in high quality vinyl, which means you can personalise the front and rear of your wash machine to make it stand out as far as possible.



M'NEX ART

- Machine colour red RAL 3020
- Brushes in blue



HIGH - TECH

- Machine colour white RAL 9010
- Brushes in a combination of grey and blue



F1

- Machine colour red RAL 3020
- Brushes in a combination of red and black



CITY LIGHTS

- Machine colour grey RAL 9006
- Brushes in a combination of grey and violet

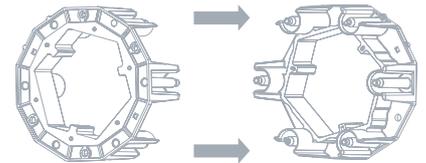
Designs available exclusively for CUBIK fairing, and ready to be combined with phase indicator lighting and traffic light or SFERIC positioner. In addition to the various M'Tuning combinations, you can choose the colour of brushes and machine most suited to your wash facility.

The first **brush fitting system** without limits for wash machines.

ISTOBAL has obtained the official patent for the new **link-it**[®], system, which guarantees that it is the first and only brush fitting system on the market to combine a series of features unheard of before, and which mean unprecedented advantages for our customers. Advantages such as flexibility, profitability, durability, versatility, and respect for the environment.

The support sections of the **link-it**[®], brush fitting system can be reused as many times as needed; you need only change and dispose of the worn brush wash materials. In fact, the life cycle of the support is superior to that of the vehicle wash machine itself.

linkit[®]
ADVANCED BRUSH SYSTEM



- Multiple combinations of wash materials.
- Maximum profit.
- 50% less waste material when the brushes are changed.
- Quick, easy and economical maintenance.
- Maximum respect for the environment.
- Maximum versatility in colours and space-saving combinations.

G⁺
GALERÍA DE INNOVACIÓN
2011

motortec
automechanika
IBÉRICA

WINNER
PRODUCT



Mountable in **6 easy steps**

It's as easy as separating the two halves of the **link-it**[®] holder, choosing the segments of the wash material and the colours most suited to your needs and tastes, and closing the two halves again.

