



## ISTOBAL M'START

Car wash efficiency



Car wash efficiency is more than a concept. It is the result of bringing together quality, technology and performance into a single design. Here it is. **M'START**, the rollover developed by ISTOBAL. Client expectations fulfilled.

# ISTOBAL M'START

An attractive image complemented with high technology and top features ensure a reliable operation.

**ISTOBAL M'START** offers a car wash experience that leaves no one indifferent.

Are you ready?



## ▶ Technology

### Controller

PLC with standardised modules and a flexible configuration for optional extras. The use of the Profibus communication protocol enhances communication and reduces machine wiring and connections.

### Command post

Allows all of the machine's external elements to be connected. Two viewer options: standard and colour touch screen.



## ▶ Flexibility

### Configuration of programs

The flexible programming of the M'START facilitates adaptation to individual user needs. Different wash programs can be configured, speeds can be parametrised, chemical products can be dosed, light sign codes can be set, etc.



## ▶ Versatility

### Available in different heights

Solid and compact structure available in four different wash heights.

WASH DIMENSIONS				
MAX. VEHICLE HEIGHT	2300	2500	2700	2900
VEHICLE ACCESS WIDTH	2400	2400	2400	2400
LENGTH OF RAILS	9000	9000	10000	11000
MINIMUM MACHINE WIDTH*	3800	3800	3800	3800
MAXIMUM MACHINE WIDTH**	4145	4145	4145	4145
TOTAL MACHINE HEIGHT	3083	3313	3513	3713

\* Includes energy chain

\*\* Includes energy chain + optional splash screens

All measurements in mm

## ► Performance

### High-pressure

A number of high-pressure pre-wash options with a common goal: removing stubborn dirt from the vehicle body.

#### Oscillating high-pressure, 42 L/min [11.1 gpm], 80 bar [1160 PSI]

The oscillating high-pressure with rotating and zero-angle nozzles is located on the side at the top of the machine.

It prevents dripping on the surface of the vehicle and speeds up the pre-wash.



#### On-board high-pressure, 21 L/min [5.5 gpm], 70 bar [1015 PSI]

With the on-board system, the **ISTOBAL M'START** is equipped with a high-pressure 21 L/min [5.5 gpm] 70 bar [1015 PSI] pump built into the post. This side high-pressure option avoids the costs of installing these pumps in the plant room.



## ► Mechanism

### Brush tilt

Accurate wash control thanks to 10° tilt of side brushes.



## ROCKET fairing



The bold design of the rocket front and rear fairing makes the top half of the rollover really stand out, giving the unit an air of strength as well as making it look more appealing.

## PLAIN fairing



Functional fairing for the top half of the columns to match the design of the doors. Its geometrical shapes give it a sturdy and simple appearance which is in line with the overall design of the machine.

## SILVER pictograms



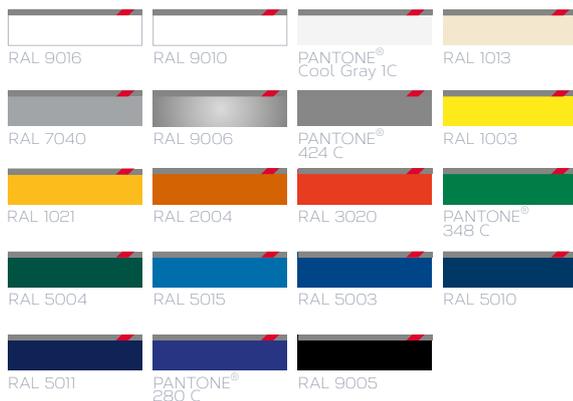
The Silver program pictograms are a recommended option when the machine does not include light signs.

## HEXA vinyl



The Hexa vinyl allows users to integrate the Sferic decorative light signs to give the machine a more modern look.

## Fairing colours



## Brush colours



## Effective drying



Dryer 152 kW [20.4 hp] (4 x 38 kW [5.1 hp]) with horizontal dryer nozzle plus vehicle scanning and optional deflector to achieve a better result on the rear of the vehicle. As an alternative, we offer a choice of two 4 kW [5.4 hp] turbofans fitted to the top of the machine to perform the dry phase with no need for scanning.

## Splash screens



Perspex screens with aluminium reinforcement, with a safe and practical design and fully integrated into the machine's structure. Option recommended to avoid splashing during the wash phase.

## Communications



It communicates the equipment with the IW-Manager, a management and control software both in connection or remotely. The Screen Access software is also available for remotely accessing the command post for diagnostics.

## Glossy Polish mirror



Product recommended for a mirror-like finish. After application, the brushes massage the vehicle surface to give an extra shine.

## Wheel-wash



A complete car wash must include the vehicle's wheels. Available with or without high-pressure; flat or spiral brushes are possible.

## Underchassis wash



Possible choice: static underchassis wash 10 bar [145 PSI] 90 L/min [23.8 gpm], oscillating 15 bar [217 PSI] 120 L/min [31.7 gpm], or by sector 15 bar [217 PSI] 120 L/min [31.7 gpm].

