

# 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.

**M'START**

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

**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

	2,300 [7'-6 1/2"]	2,500 [8'-2 3/8"]	2,700 [8'-10 1/4"]	2,900 [9'-6 1/8"]
MAX. VEHICLE HEIGHT				
VEHICLE ACCESS WIDTH	2,400 [7'-10 1/2"]			
LENGTH OF RAILS	9,000 [29'-6 3/8"]	9,000 [29'-6 3/8"]	10,000 [32'-9 3/4"]	11,000 [36'-1 1/8"]
MINIMUM MACHINE WIDTH*	3,800 [12'-5 5/8"]			
MAXIMUM MACHINE WIDTH**	4,145 [13'-7 3/16"]			
TOTAL MACHINE HEIGHT	3,083 [10'-1 3/8"]	3,313 [10'-10 7/16"]	3,513 [11'-6 1/4"]	3,713 [12'-2 3/16"]

All measurements in mm [ft.-in].

\* Includes energy chain

\*\* Includes energy chain + optional splash screens

## ► PERFORMANCE

### High pressures

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 [1 160 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 **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.



# IMAGE

## 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 is not decorated with light signs.

## HEXA VINYL



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

## FAIRING COLOURS

RAL 9016	RAL 9010	PANTONE® Cool Gray 1C	RAL 1013
RAL 7040	RAL 9006	PANTONE® 424 C	RAL 1003
RAL 1021	RAL 2004	RAL 3020	PANTONE® 348 C
RAL 5004	RAL 5015	RAL 5003	RAL 5010
RAL 5011	PANTONE® 280 C	RAL 9005	

## 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)	

# FEATURES

## EFFECTIVE DRYING



Dryer 15.2 kW [20.4 hp] (4 x 3.8 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 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].

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V. 09/2015

6CPMB10



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