

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.



► VERSATILITY

Available in different heights

Solid and compact structure available in four different wash heights.

WASH DIMENSIONS				
WASH HEIGHT	2,300 [7'-6 1/2"]	2,500 [8'-2 3/8"]	2,700 [8'-10 1/4"]	2,900 [9'-6 1/8"]
WASH 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"]

* Includes energy chain

** Includes energy chain + optional splash screens

► 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.



► PERFORMANCE

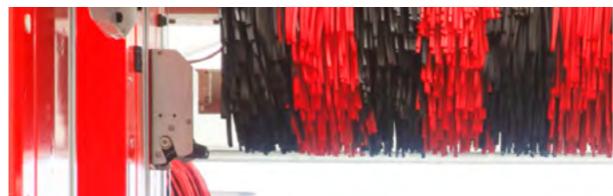
High pressures

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 [1160 PSI]

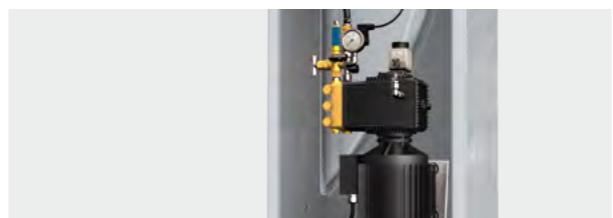
The oscillating high pressure with rotating and zero-angle nozzles is located on the side at the top of the machine.

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 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



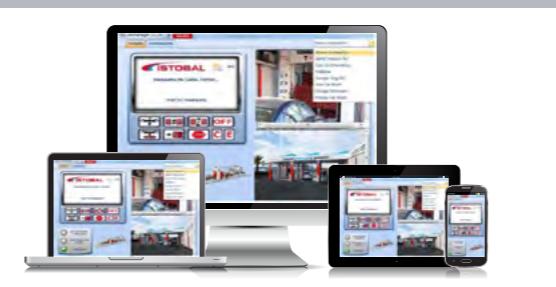
Dryer 15.2 kW [20.4 hp] (4 x 3.8 kW [5.1 hp]) with horizontal dryer nozzle plus vehicle scanning and optional deflector to achieve a better result on the rear of the vehicle. As an alternative, we offer a choice of two 4 kW [5.4 hp] turbofans fitted to the top of the machine to perform the dry with no 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.

WHEEL WASH



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

GLOSSY POLISH MIRROR



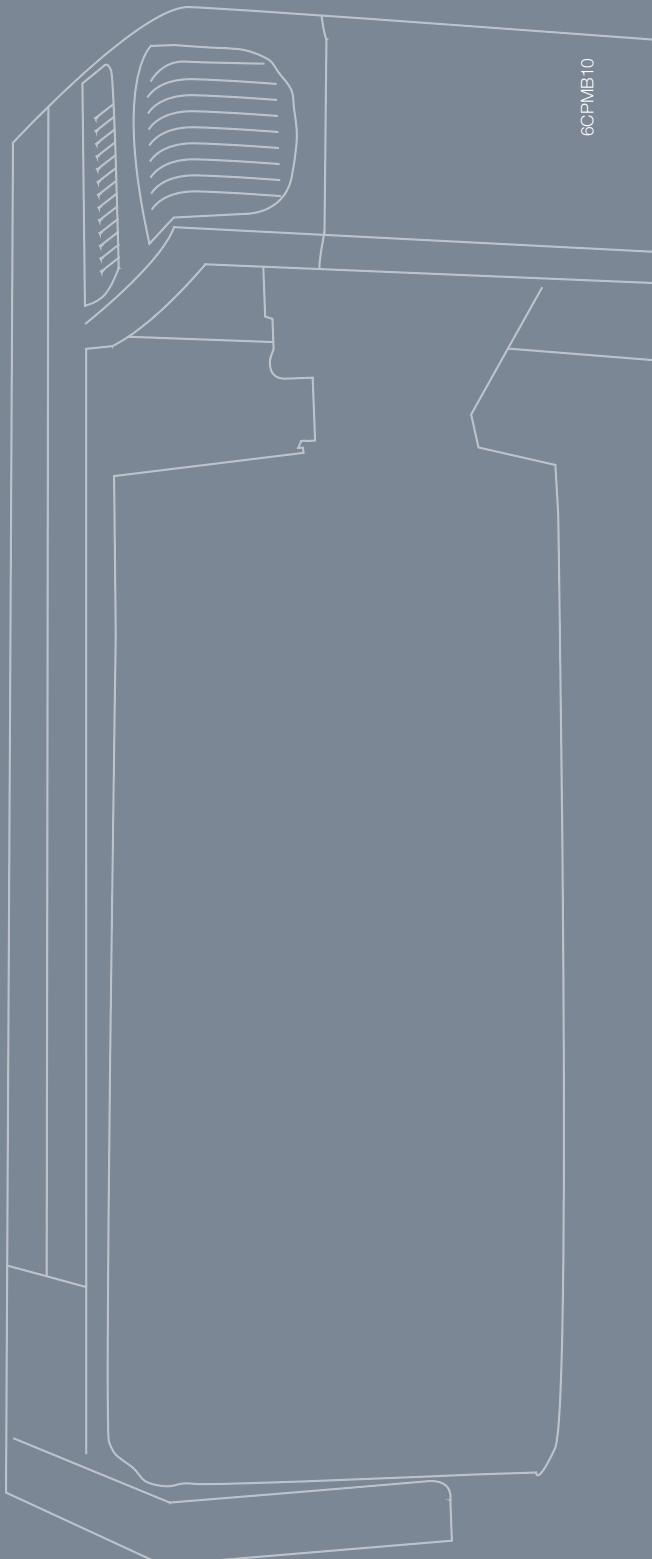
Product recommended for a mirror-like finish. After application, the brushes massage the vehicle surface to give an extra shine.

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].

M'START



v.09/2015

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