

# M1

FUNCTION COMES FIRST.



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Developed by ISTOBAL, this model comes to complete our rollover family. A machine with the necessary equipment to achieve the quality and effectiveness demanded by the market.

Discover the advantages of model M1.

## M1

ISTOBAL's most competitive model is surprising in many ways: aesthetics, mechanics and function. The model is intended to offer a quality simple wash.

Designed with pure lines on the outside, the model is highly reliable technology-wise.



# M1

# SPECIFICATIONS



## ▶ STRUCTURE

### Compact design

A galvanised compact structure designed to optimize the assembly of all parts and components, with a solid but attractive appearance.

## ▶ PERFORMANCE

### Wash phases

The new arrangement of the nozzles, used for the application of shampoo and water during the rinsing step, maximises performance, minimises consumption and optimises product application.

- Shampoo:
  - 6 nozzles on structure 5.82 L/min [1.28 gpm], 3 bar [43.5 PSI].
- Rinse:
  - 2 external nozzles on structure 19.6 L/min [5.178 gpm], 3 bar [43.5 PSI].

## ▶ TECHNOLOGY

### Controller

PLC with unified modules and flexible configuration possibilities for optional extras. The use of the Profinet communication protocol enhances communication and reduces machine wiring and connections.



### Command post

Allows all of the machine's external optional extras to be connected. It can be external to the structure or built-in.

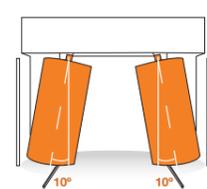


## ▶ MECHANISM

### Vertical brushes

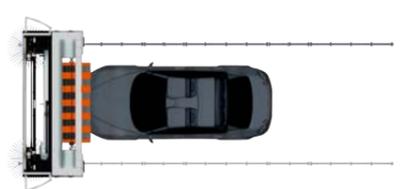
Complete overlapping scrub by vertical brushes with variable speed drive-controlled travel.

Controlling the tilt of the vertical brushes during the wash process improves quality and precision where the side of the vehicle meets the roof.



WASH DIMENSIONS	
WASH HEIGHT	2.300 [7'-6 1/2]
WASH WIDTH	2.500 [8'-2 3/8]
LENGTH OF RAILS	9.000 [29'-6 3/8]   10.000 [32'-9 3/4]
DISTANCE BETWEEN RAILS	2.854 [9'-4 3/8]

All measurements in mm [ft-in].



# IMAGE



## KARTING VINYL



Racing-inspired vinyl; applied on structure to catch attention. The vinyl set includes the side columns and the back fairing.

## PIT LANE PICTOGRAMS



Decorative pictograms representing the wash phases. Available for two different application versions.

## 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

## DRY



The 12 kW static dryer is made up of two top nozzles and two side nozzles, with four turbines, 3 kW each.

## UNDERCHASSIS WASH



Two options are possible: static underchassis wash 10 bar [145.038 PSI], 90 L/min [19.8 gpm], and oscillating underchassis wash 15 bar [217.557 PSI], 120 L/min [26.4 gpm].

## DRYING WAX



Product recommended for a better dry finish. The product is applied via the external nozzles.

## FOAM



Foaming product recommended to break down ground-in dirt. Applied by a second nozzle circuit 3 bar [43.5114 PSI], 12,2 L/min [2.684 gpm].

## SPLASH SCREENS



Micro-perforated curtains to prevent splashing during the wash process.

## WHEEL WASH



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

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**ISTOBAL**  
Automotive Cleaning Solutions

**ISTOBAL, S.A.** · Avda. Conde del Serrallo, 10  
46250 L'Alcúdia (Valencia) España  
T +34 962997940 · F +34 962997991  
istobal@istobal.com · [www.istobal.com](http://www.istobal.com)

