



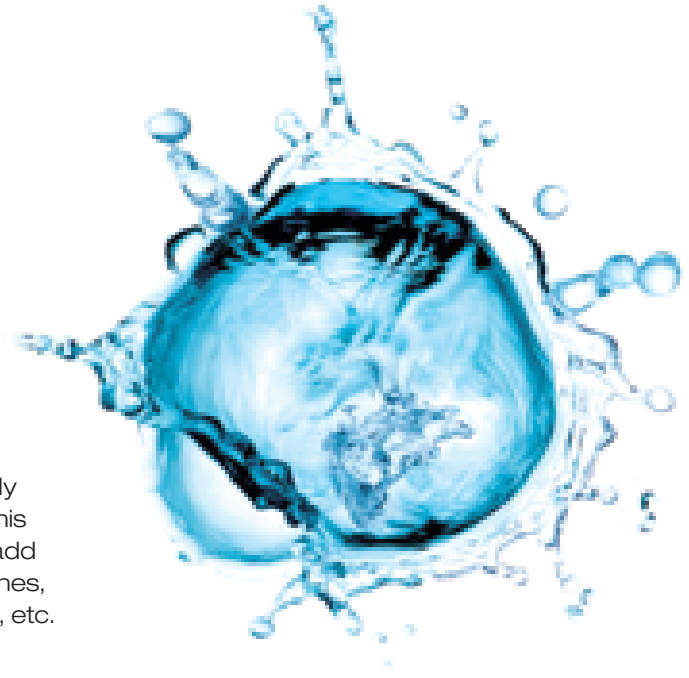
ROLL-OVERS

 **ISTOBAL**
Automotive Cleaning Solutions

Wash **technology** in constant evolution

To discover formulas for washing that are faster, more efficient, more flexible, quieter, capable of adapting to new vehicle design and size, and ready to respond to every need. New solutions that enable us to excel ourselves and stay ahead of the field in wash quality, innovation and new technologies. This is the driving force behind the development of Istobal roll-overs. A complete range designed to offer the best solution for every need. From the most economical models, designed for customers with a limited demand in terms of quantity but not in wash quality; to roll-overs with separate modules for washing and drying to increase efficiency; through to the most state-of-the-art systems that allow for the modification of standard programmes to increase output at moments of peak demand, while maintaining the level of quality.

At Istobal we strive to make perfect machines. This goal is only possible thanks to the totally versatile set-up of our roll-overs. This philosophy enables us to personalise the model chosen and add on different optional extras such as enclosures, additional brushes, Carlite soft brush material, wheel washers, underchassis wash, etc. Ask our expert sales team for further information.





**STANDARD
PERFORMANCE**

The plus range roll-overs allows you to adjust the programme to suit the situation, offering higher speed at peak times and standard speed for normal situations. Depending on the programme chosen, output can be increased by up to 20%.



Just good ideas for **washing**



The top-of-the-range rollovers give optimum performance using a variety of systems. The M18+ uses five brushes, four vertical and one horizontal, each working independently, and has a choice of three drying options. The M15+, M17+, on the other hand, have separate washing and drying modules working in synchronisation to increase vehicle throughput and decrease washing time.



**TOP
PERFORMANCE**

Istobal Basic Range roll-overs are designed to give productivity and a perfect results at a competitive price. There are three proposals to solve the different wash demands of the market.



A basic solution with the Istobal stamp of quality.



Multiple wash options for a roll-over without dryers.



Technology and quality at a competitive price.

THE BASIC RANGE

The Plus range offers the top performance on the market, reducing times and increasing drying capacity. In addition, the dimensions have been increased to cater for more types of vehicles, using any of the following solutions.

M9+

A wide range of programming possibilities, accessories and performance.

M12+

The extensive range of features and the modular design make this machine the star solution.

M15+

Independent washing and drying modules to increase the capacity to respond in different situations.

M17+

Independent washing and drying modules and with separate bays to obtain maximum efficiency levels.

M18+

The fastest, thanks to its five brushes, 4 vertical and one horizontal and a system for obtaining a high quality wash in just 2.5 minutes.



**THE PLUS
RANGE**





A SOLUTION
FOR EVERY
NEED



| RANGE | Maximum vehicle access in meters | | | Bay recommended | | | Speed of process m/minute | Drying power in Kw. | Cars/ hour |
|-------|-------------------------------------|-------|--------|-----------------|-------|--------|---------------------------------|---------------------------|---------------|
| | Height | Width | Length | Height | Width | Length | | | |
| M4 | 2.1 | 2.25 | 5.20 | 2.9 | 4.6 | 9.5 | 6-9 | 12.6 | 8-12 |
| M4 | 2.3 | 2.25 | 5.20 | 3.1 | 4.6 | 9.5 | 6-9 | 12.6 | 8-12 |
| M4 | 2.7 | 2.25 | 6.20 | 3.5 | 4.6 | 10.5 | 6-9 | 12.6 | 8-12 |
| M6 | 2.1 | 2.35 | 5.20 | 2.9 | 4.6 | 9.5 | 6-13 | - | 12-18 |
| M6 | 2.3 | 2.35 | 5.20 | 3.1 | 4.6 | 9.5 | 6-13 | - | 12-18 |
| M6 | 2.7 | 2.35 | 6.20 | 3.5 | 4.6 | 10.5 | 6-13 | - | 12-18 |
| M7 | 2.1 | 2.35 | 5.20 | 2.9 | 4.6 | 9.5 | 6-13 | 12.6 | 8-12 |
| M7 | 2.3 | 2.35 | 5.20 | 3.1 | 4.6 | 9.5 | 6-13 | 12.6 | 8-12 |
| M7 | 2.5 | 2.35 | 5.20 | 3.3 | 4.6 | 9.5 | 6-13 | 12.6 | 8-12 |
| M7 | 2.7 | 2.35 | 6.20 | 3.5 | 4.6 | 10.5 | 6-13 | 12.6 | 8-12 |
| M9+ | 2.1 | 2.35 | 5.20 | 2.9 | 4.6 | 9.5 | 5-16 | 12.6 | 8-16 |
| M9+ | 2.3 | 2.35 | 5.20 | 3.1 | 4.6 | 9.5 | 5-16 | 12.6 | 8-16 |
| M9+ | 2.5 | 2.35 | 5.20 | 3.3 | 4.6 | 9.5 | 5-16 | 12.6 | 8-16 |
| M9+ | 2.7 | 2.35 | 6.20 | 3.5 | 4.6 | 10.5 | 5-16 | 12.6 | 8-16 |
| M12+ | 2.1 | 2.35 | 5.20 | 2.9 | 4.6 | 9.5 | 5-16 | 15.2 | 8-16 |
| M12+ | 2.3 | 2.35 | 5.20 | 3.1 | 4.6 | 9.5 | 5-16 | 15.2 | 8-16 |
| M12+ | 2.5 | 2.35 | 5.20 | 3.3 | 4.6 | 9.5 | 5-16 | 15.2 | 8-16 |
| M12+ | 2.7 | 2.35 | 6.20 | 3.5 | 4.6 | 10.5 | 5-16 | 15.2 | 8-16 |
| M15+ | 2.3 | 2.35 | 5.20 | 3.1 | 4.6 | 11.5 | 5-16 | 15.2 | 9-18 |
| M15+ | 2.5 | 2.35 | 5.20 | 3.3 | 4.6 | 11.5 | 5-16 | 15.2 | 9-18 |
| M15+ | 2.7 | 2.35 | 6.20 | 3.5 | 4.6 | 12.5 | 5-16 | 15.2 | 9-18 |
| M17+ | 2.3 | 2.35 | 5.20 | 3.1 | 4.6 | 17.5 | 5-16 | 15.2 | 11-22 |
| M17+ | 2.7 | 2.35 | 6.20 | 3.5 | 4.6 | 18.5 | 5-16 | 15.2 | 11-22 |
| M18+ | 2.3 | 2.35 | 5.20 | 3.1 | 4.6 | 9.5 | 5-16 | 15.2/30.4 | 12-24 |

To comply with European Directive 98/37/EC, regarding machine safety, where it is not possible to respect the 0.50m minimum distance between the machine and walls, columns, enclosures, etc., some kind of safety system must be installed. ISTOBAL, S.A. offers various solutions for this and declines all responsibility arising from failure to observe this indication.

ISTOBAL, S.A., reserves the right to undertake any changes it may deem necessary for product improvement.



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