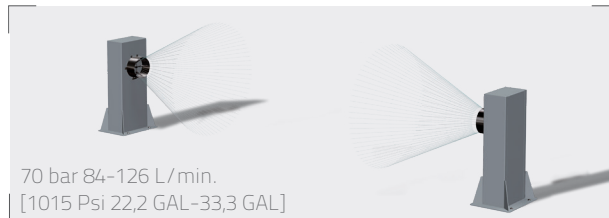


ISTOBAL HW'ROTATORS
The only motorised system in the market

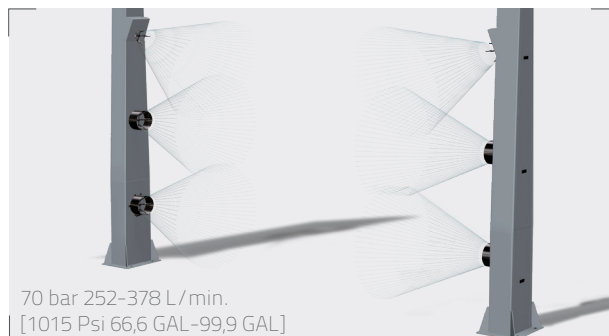
3-HEIGHT MODULAR SYSTEM

LOWER SIDE ROTATORS



This version consists of **2 columns with electrically motorised high-pressure lower side rotators** to ensure a constant spinning speed. The spraying arms include a stabiliser to avoid pressure losses during the wash process. With a working range from the ground from **250 mm [10"] to 1.450 mm [4'-9"]**, it is the ideal accessory to thoroughly clean the lower sides of vehicles used in transportation, civil works or mining.

COMPLETE SIDE ROTATORS

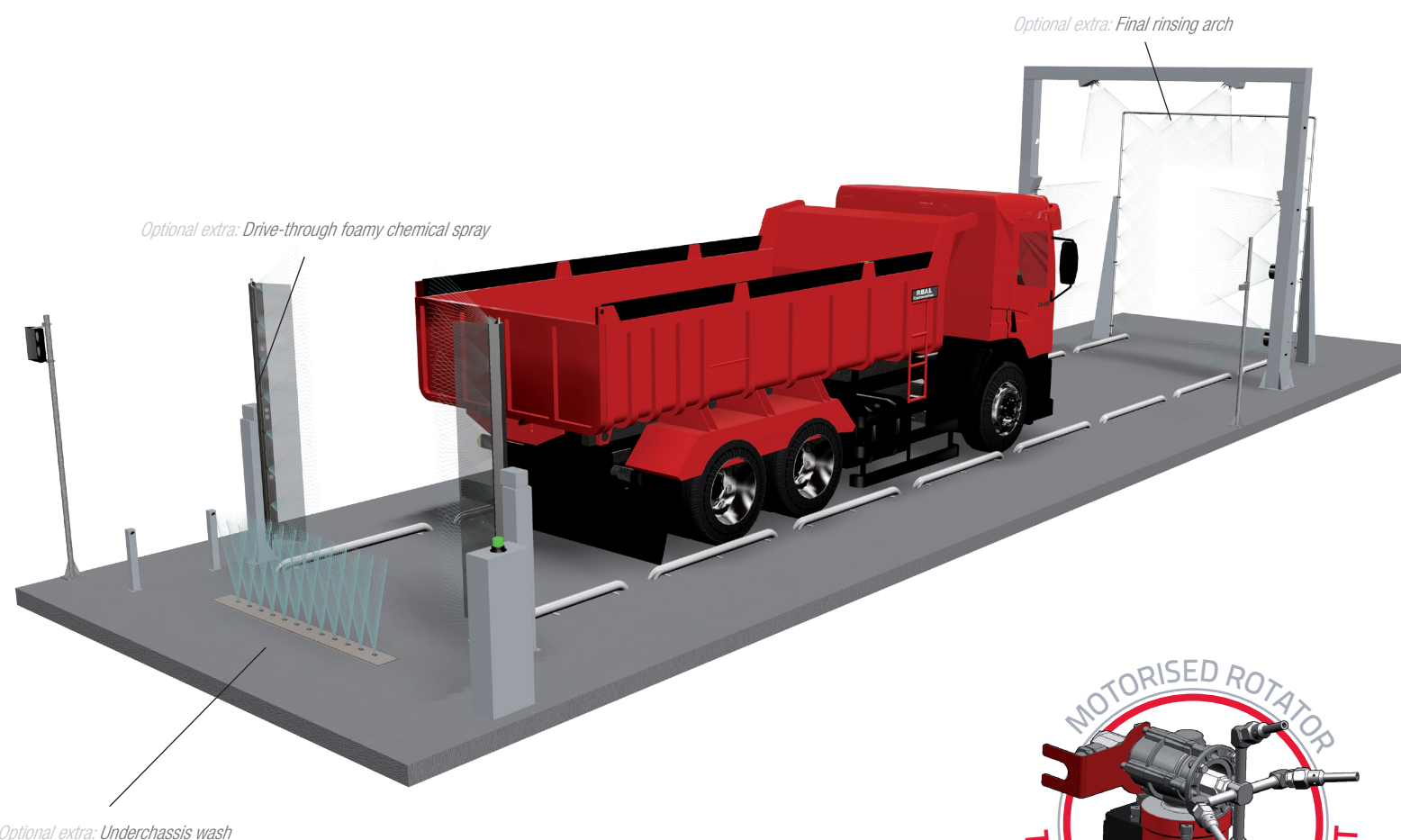


This version with complete side rotators includes 2 columns with **6 motorised rotators** in total. In addition, the two top side rotators can be oriented, which means commercial vehicles with wash heights **up to 3.850 mm [12'-7"]** can be washed, making this version highly versatile for all commercial vehicle fleets.

COMPLETE ROTATOR ARCH



The complete rotator arch has a total of **8 motorised high-pressure rotators** to ensure a constant spinning speed. In this version, both the two top-side rotators and the top rotators are orientable, which means commercial vehicles with wash heights **up to 4.200 mm [13'-9"]** can be washed. It is the perfect equipment to thoroughly wash garbage trucks or tankers.



Optional extra: Underchassis wash

4HWR100

The new **ISTOBAL HW'ROTATORS** is a modular arch consisting of up to 8 motorised rotator units.

This high-pressure wash equipment is especially intended for the drive through washing of all commercial vehicle types that cannot be washed with a standard rollover, as is the case with garbage trucks, tankers, military vehicles, etc.

ISTOBAL HW'ROTATORS is the only drive through system in the market with motorised rotators that ensure maximum wash pressure at a constant speed and with spraying arms with an stabiliser to avoid pressure losses.

The equipment is automatically started thanks to photocells in all three versions and optional extras that complete the wash process of any commercial vehicle type, which makes it a totally dynamic and adaptable system.

BEING PROFESSIONAL MEANS WORKING WITH THE BEST

ISTOBAL uses parts manufactured by market leaders. It is the only way of assuring the quality and durability of our systems: this is the case with the **Siemens** controllers and **Mosmatic** spraying arms used in the design of the **ISTOBAL HW'ROTATORS** model.



OPTIONAL EXTRAS

DRIVE THROUGH UNDERCHASSIS WASH



Drive through underchassis wash with high-pressure, 70 bar [1015 Psi] and 126 L/min [33,3 GAL]. With entry photocells for an automatic operation and **10 high impact nozzles**. Can be supplied from the same high-pressure rack used for lower side rotators provided the bay distance between the rotator module and the underchassis wash is adequate.

DRIVE THROUGH FOAMY CHEMICAL SPRAY



The optional drive-through foamy chemical sprayer includes the pipework and stainless steel protection screens. Hot application is recommended for greater chemical effectiveness with our specific **esens®** range for commercial vehicles. The unit includes a 100 L [26,4 GAL] pre-mix tank and a high-pressure pump, 100 bar and 28 L/min [1450 Psi and 7,4 GAL].

HIGH-PRESSURE RACKS



We have water pump racks for a high pressure wash at 70 bar [1015 Psi] and 126 L/min [33,3 GAL], with 11 or 16.5 kW [14,75 Hp or 22,12 Hp] total power, including -respectively- 2 or 3 70 bar [1015 Psi] pumps with 5.5 kW [7,37 Hp] power. They include a 200 L [52,8 GAL] water tank at a high position to adequately supply the water pumps, and a by-pass valve with a pressure regulator. A 100 micron inlet filter protects the water pumps and prevents nozzles from clogging.

*Figures in brackets estimated using US Imperial System equivalents. In case of doubt or inconsistency, the International System (Metric Dimensions) shall prevail.