



## CARPET WASHING TRAIN

### Description

The carpet is taken by conveyor belts through 4 stages of the washing process:

**Stage I:** the carpet is treated with washing detergent. A variable flow-rate pump feeds a carpet with a detergent directly from the shampoo container. The spray pressure can be varied, depending on the carpet's thickness and carpet's soil rate.

**Stage II:** This is the area where the carpet is shampooed and brushed. Depending on the model: six, twelve or eighteen rotating brushes placed on slides move from one side to the other of the washing train. These slides are equipped with a compressed air system for regulating the pressure on the carpet that can be adjusted from 0 to 60 kg per slide. The brushes' direction of rotation is changed from the control panel, thus extending the brushes' service life by preventing bristle deformation in a single direction.

**Stage III:** In this area, the carpet is thoroughly rinsed and combed.

**Stage IV:** During this stage, the carpet is rolled automatically and is ready for entry into a spin drainer, without any additional operation being required. With this washing train, brushes, water and shampoo are only used in the area through which a carpet travels. As there are no dead spots, it is possible to achieve significant savings in water and detergent consumption. Machine is equipped with water recycling system.

The entire process offers a level of cleanness that, until now, has been unattainable by any carpet wash.

### Specifications

WASHING TRAIN	MACLECA RE-3006-LG	RE-3212-VL	RE-4212-VL	RE-4218-VL
Dimensions W/L/H (m)	3,40 x 2,30 x 1,50	4,5 x 2,40 x 2,05	5,35 x 2,34 x 2,10	5,35 x 2,34 x 2,10
Input voltage (V)	2 x 220	3 x 380	3 x 380	3 x 380
Power rating ( kW)	3	4	4	6
Weight (kg)	916	1 370	1 800	1 850
Maximum carpet width (m)	2,5	3,2	4,2	4,2
Productivity (m <sup>2</sup> /hour)	60	100	100	140
Maximum water consumption (litters /hour)	1 250	2 500	2 500	3 750
Water consumption – recycling (litters /hour)	-	1 700	1 700	2 550
Number of brushes	6	12	12	18
Rate of carpet speed (m/min.)	0,5 – 1	0,5 – 2	0,5 – 2	0,5 – 2



[www.carpetwashing.com](http://www.carpetwashing.com)

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