

## THE PERFECT COMBINATION BETWEEN SIMPLE OPERATION AND SPEED OF OPERATION



LFO is the perfect solutions for washing public and private vehicles for commuters. Flexibility, speed and high performance, combined with minimum costs of management, make it an ideal tool for washing buses or trams up to 60 vehicles/hour. Sturdy structure and simple assembly guarantee an extreme reliable solution ideal for managing a Medium/Large vehicle fleet size.



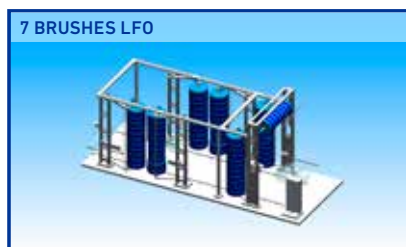
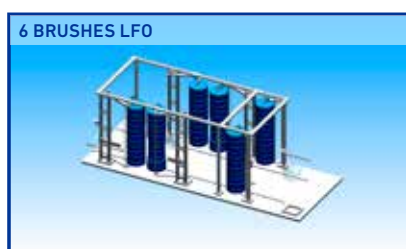
The range includes various washing heights and number of brushes and accessories depending on needs and request. LFO can be adapted to all transport vehicles, including trams or vehicles provided with pantograph.

LFO

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Experience and reliability

## CONFIGURATIONS



## TECHNICAL FEATURES

Vertical brushes connected to the frame with oscillating arms: this system allows a “flag” movement for washing front, sides and rear of the vehicles. Pneumatic cylinders determine the opening and closing of the movement. The pressure of the brushes is pneumatically controlled. The “jumping mirror” operation is guaranteed. Horizontal brush: it produces a swinging movement, controlled by a counterweight system to keep the brush on the roof of the vehicle at a constant pressure. Pneumatic cylinders - controlled by solenoid valves and flush regulators - determine the vertical and horizontal brushes movement. Bristles in polyethylene filaments are assembled on modular supports coupled to the rotating shaft fixed with bolts. This allows quick replacement of the same when necessary. It is completed with control photocells for the operation to control the the position and the passage during the washing process. Green/ Red traffic lights for vehicle fleet control. Electrical panel with PLC: it could be position on board or remoted. Pumps: 2 pumps of 3 hp each supplying the washing / rinsing sectors: The power differs for the front and the frontrear (rinsing). In this way recycled water can be used fro the first phase (washing) and fresh water for the second pump (rinse). Alarm system “too high speed” with acoustic signal.

## DIMENSIONS OF UNITS TECHNICAL DATA

	LFO							
	LFO 435	LFO 445	LFO 535	LFO 545	LFO 635	LFO 645	LFO 735	LFO 745
Number of vertical brushes	4	4	4	4	6	6	6	6
Number of horizontal brushes			1	1			1	1
Washing bay lenght	12,9 m	12,9 m	13 m	13 m	14 m	14 m	14,5 m	14,5 m
Washing bay width	5,5 m							
Machine structure height	4,7 m	5,6 m	4,7 m	5,6 m	4,7 m	5,6 m	4,7 m	5,6 m
Machine structure width	4,8 m							
Working machine structure width	5,38 m							

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