



MATHIEU
FAYAT GROUP

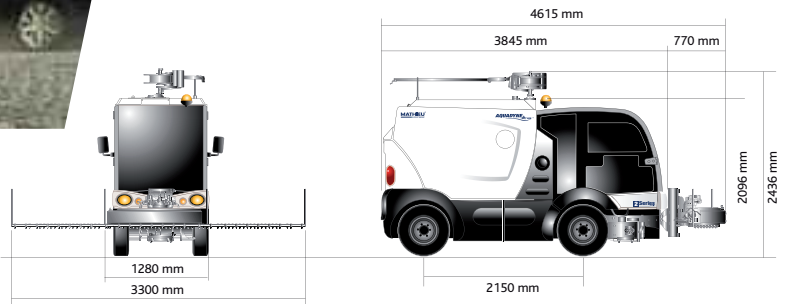
AQUADYNE



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AQUADYNE is the dedicated washing version of the AZURA : being built on virtually identical chassis platforms provides end-users with a major advantage in terms of vehicle fleet management and maintenance. Given MATHIEU's long experience of producing washing equipment, the AQUADYNE is particularly well specified. The washing system comprises a central spraying bar and two independently selectable telescopic side extension bars. The spraying head can be slewed and lifted hydraulically and is controlled from the comfortable cab, thus enabling a precise targeting of the areas which require intensive washing. The side flushing jets are independently controlled. Their power and orientation are perfectly adapted for cleaning under vehicles, inside bus shelters and under benches...



1900 litres water capacity
The new stainless steel hopper offers a larger water loading capacity allowing the AQUADYNE for unparalleled working cycles. Its 108 litre / min, 60 bar water pump ensures the AQUADYNE provides powerful washing and is particularly effective for dusty conditions.



3300 mm Spray Bar
The spraying bar is hydraulically via an endless screw' providing a working width from 1280 mm to 3300 mm enabling the AQUADYNE to offer a completely flexible solution when working around street furniture.

The unique joystick provides the driver with intuitive and responsive control during washing mode.



Easy to use
All the washing controls have been gathered on a unique armrest providing the best comfort for the operator. A single green "start and wash" button allows a rapid start of the washing mode. The joystick also allows the operator to start and stop the water flow to the spraying bar when required.



Pavement washing
The optional 360 degree rotating boom with retractable hose-reel mounted to the top of the hopper allows the AQUADYNE to reach even the most inaccessible of areas. The boom is fed by the main water pump or can be connected to the optional 200 bar high pressure water pump for even more specialist cleaning applications.

EURO 5 or TIER III emissions : 2 types of power adapted to all climates and environments



Data and Performance Information

Engine		Dimensions (see drawings above), Weight	
Brand/Model	VM R754 EU5 common rail Direct injection turbocharged and intercooled diesel engine	GVM	4500 kg.
Cubic capacity	2.970 litres	Maximum load front axle	2000 kg.
No. of cylinders	4	Maximum load rear axle	2500 kg.
Gross rated power	62 kW (83 bhp) @ 2300 rpm	Capacities and Performance	
Maximum torque	270 Nm @ 1400 rpm	Clean water capacity	1900 litres, stainless steel hopper
Legislation compliance	Meets Euro 5 and EVV emissions legislation Directive 2005/78/EC	Fuel tank	70 litres
Brand/Model	CUMMINS B3.3 Tier 3 Direct injection, turbocharged and intercooled diesel engine	Maximum speed	25/40/50 km/h
Cubic capacity	3.260 litres	Washing speed	0-15 km/h
No. of cylinders	4	Steering	4 wheel steering in working mode
Gross rated power	60 kW (80 bhp) @ 2200 rpm	Washing attachment	
Maximum torque	304 Nm @ 1600 rpm	Spraying bar	1 fixed spraying bar, hydraulically extendable to left and right, controlled from the cab
Legislation compliance	Meets EU Stage IIIA emissions legislation Directive 2004/26/EC	Washing width	from 1280 to 3300 mm
		Lateral jets	2
		Water pump	108 litres / 60 bars
		Optional 360° boom with automatic reel connected to water pump Optional connection to 200 bar high pressure pump	

Due to continuous development MATHIEU reserves the right to alter specifications without prior notice



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