

fontan® ULV Cold Fogging Aerosol Applicators

Made in Germany



Fontan Mobilstar

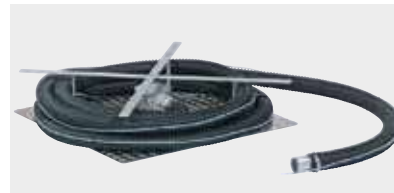
Control panel/Remote control,
Fontan Mobilstar E and ER



Control panel/Remote control,
Fontan Mobilstar M



Spraying head ULV/LV

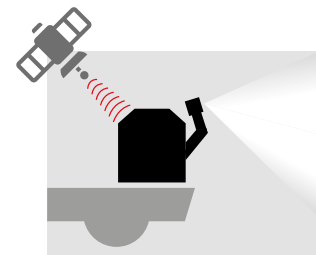


Sewage treatment attachment



Spraying tank, stainless steel, capacity 69 l,
standard with Fontan Mobilstar M, optional
accessory Fontan Mobilstar E and ER

Spraying tank, polyethylene, capacity 150 l,
optional accessory Fontan Mobilstar E and ER
(also available with capacities 80 l, 300 l, 500 l)



Speed-synchronized output,
GPS controlled, Fontan Mobilstar ER

TECHNOLOGY FOR PROFESSIONALS

Fontan – the optimal machines for Vector and Pest Control. Application of Larvicides.
Locust Control. Sewage Treatment.
Spraying modes ULV or ULV-Plus (Ultra Low Volume) and LV (Low Volume).



fontan® + swingfog®
QUALITY WINS

Technical data

Fontan Mobilstar, versions M, E and ER

Engine Silencer Cubic capacity Power Starter Battery Fuel consumption Fuel tank	Briggs & Stratton, type Vanguard V-TWIN OHV, air cooled two cylinder four-stroke engine with alternator Super lo-tone 480 cm ³ (16 hp engine) or 570 cm ³ (18 hp engine) 11.76 kW/16 hp or 13.24 kW/18 hp at 3,600 min ⁻¹ (rpm), operation at 3,000 min ⁻¹ (rpm), preset electrical (and additional manual recoil starter), ignition by Magnetron system 12 V, 36 Ah, maximum dimensions length x width 255 x 175 mm (optional accessory) 4 l/h, standard grade petrol, leaded or unleaded steel with level indicator (jerrycan), capacity 20 l		
Compressor Air volume Pressure	dry running side channel compressor with air filter spraying modes ULV and ULV-Plus: 320 m ³ /h spraying modes ULV and ULV-Plus: 0.35 bar		spraying mode LV: 400 m ³ /h spraying mode LV: 0.26 bar
Spray device Droplet processing	low pressure system with two adjustable spraying heads, made from corrosion resistant material high velocity air stream		
Flushing tank	UV light resistant polyethylene, capacity 5 l		
Spraying data (measured with water)			
Spray mode ULV	Flow rate	5 up to 50 l/h	
	Droplet spectrum	VMD (Volume Median Diameter) < 30 µm	
	Range	drift up to 100 meter and more, dependent on wind speed	
Spray mode ULV-Plus	Flow rate	51 up to 100 l/h	
	Droplet size	80 % < 40 µm	
	Range	drift of up to 100 m, dependent on wind speed	
Spray mode LV	Flow rate	5 up to 100 l/h	
	Droplet size	VMD ≈ 75/100 µm, dependent on flow rate	
	Range	20 up to 50 m, dependent on wind speed, drift reduced	
Control System			
Output capacity	Fontan Mobilstar M up to 100 l/h through positive pressure in the spraying tank, 0.35 bar	Fontan Mobilstar E up to 100 l/h by a stainless steel gear pump with dry running protection	Fontan Mobilstar ER up to 100 l/h by a stainless steel gear pump with dry running protection
Flow rate setting	l/h, by interchangeable dosage nozzles with specific flow rates	l/h, programmable at the control panel, electronically controlled	l/h, programmable at the control panel, electronically controlled or l/km, speed synchronized by
GPS			control in a speed range between 3 and 25 km/h
Calibration	manual	automatic, electronically controlled	automatic, electronically controlled
Control panel/remote control for all operational functions	can be detached and be used as remote control	illuminated and programmable, with optical and acoustic warning signals, can be detached and be used as remote control	illuminated and programmable, with optical and acoustic warning signals, can be detached and be used as remote control
Emergency shutdown and engine starter	push buttons	push buttons	push buttons
Failure diagnosis	failure indicator	failure code on the display	failure code on the display
Dimensions (without spraying tank)	87 x 75 x 95 cm		
Weight (empty)	Fontan Mobilstar M, 135 kg (including 69 l stainless steel spraying tank) Fontan Mobilstar E and ER, 127 kg (without spraying tank)		
Standard accessories for all versions	fuel tank with level indicator (jerrycan), steel, capacity 20 l flushing tank, UV-light resistant polyethylene, capacity 5 l tool kit chemical funnel with strainer (mesh width 0.1 mm, stainless steel) fuel funnel with strainer (mesh width 0.1 mm, stainless steel) gasket set ear protection (2 sets) instruction manual with spare parts list		
for Fontan Mobilstar M only	spraying tank, stainless steel with level indicator, filter insert (stainless steel), drainage aperture and mounting lugs, capacity 69 l interchangeable dosage nozzles, flow rates in liter per hour: ULV 20, 25, 30 l/h / ULV-Plus 50, 70, 90 l/h / LV 40, 70, 100 l/h		
Optional accessories (available at extra charge) for all versions	heavy duty sealed dry battery, 12 V, 36 Ah sewage treatment attachment including connecting tubes, spraying head and cover plate		
for Fontan Mobilstar E and ER only			
Spraying tanks	stainless steel	69 l with filter insert, stainless steel	
all tanks equipped with level indicator, big filling opening, vents, drainage aperture, mounting and quick release coupling to connect the chemical line	polyethylene	80 l	
	polyethylene	150 l	
	polyethylene	300 l	
	polyethylene	500 l	
for Fontan Mobilstar M only	additional dosage nozzles on special request hour meter		

