

fontan® ULV Cold Fogging Aerosol Applicators

Made in Germany



MOBILSTAR

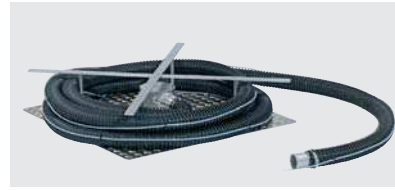
Control panel/Remote control, FONTAN Mobilstar E and ER



Control panel/Remote control, FONTAN Mobilstar M



Spraying head ULV/LV



Sewage treatment attachment



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

Chemical 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, radar 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).

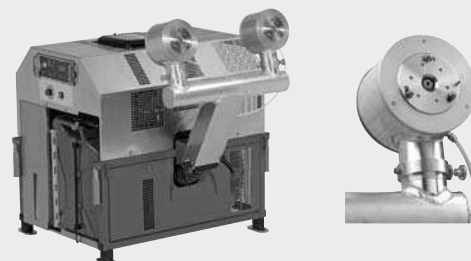


fontan® + swingfog®
QUALITY WINS

Technical data

Fontan Mobilstar, versions M, E and ER

Engine	Briggs & Stratton, type Vanguard V-TWIN OHV, air cooled two cylinder four-stroke engine with alternator		
Silencer	Super lo-tone		
Cubic capacity	480 cm ³ (16 hp engine) or 570 cm ³ (18 hp engine)		
Power	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		
Starter	electrical (and additional manual recoil starter), ignition by Magnatron system		
Battery	12 V / 36 Ah, maximum dimensions length x width 255 x 175 mm (optional accessory)		
Fuel consumption	4 l/h, standard grade petrol, leaded or unleaded		
Fuel tank	steel with level indicator (jerrycan), capacity 20 l		
Compressor	dry running side channel compressor with air filter		
Air volume	spraying modes ULV and ULV-Plus: 320 m ³ /h		spraying mode LV: 400 m ³ /h
Pressure	spraying modes ULV and ULV-Plus: 0.35 bar		spraying mode LV: 0.26 bar
Spray device	low pressure system with two adjustable spray heads, made from corrosion resistant material		
Droplet processing	high velocity air stream		
Flushing tank	UV light resistant polyethylene, capacity 5 l		
Spraying data (measured with water)			
Spray mode ULV	Flow rate	5 - 50 l/h	
	Droplet spectrum	VMD (Volume Median Diameter) < 30 µm	
	Range	drift up to 100 - 200 m, dependent on wind speed	
Spray mode ULV-Plus	Flow rate	51 - 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 - 100 l/h	
	Droplet size	VMD 75 - 100 µm, dependent on flow rate	
	Range	20 - 50 m, dependent on wind speed, drift reduced	
Control System	<u>Fontan Mobilstar M</u>	<u>Fontan Mobilstar E</u>	<u>Fontan Mobilstar ER</u>
Output capacity	up to 100 l/h through positive pressure in the spraying tank, 0.35 bar	up to 100 l/h by a stainless steel gear pump with dry running protection	up to 100 l/h by a stainless steel gear pump with dry running protection
Flow rate setting	litres per hour; fixed dosage nozzles with specific flow rates	l/h, programmable at the control panel, electronically controlled	l/h, programmable at panel, electronically controlled or l/km, speed synchronized by radar 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 a remote control	illuminated and programmable, with optical and acoustic warning signals, can be detached and be used as a remote control	illuminated and programmable, with optical and acoustic warning signals, can be detached and be used as a remote control
Emergency shutdown and engine starter	push buttons	push buttons	push buttons
Failure diagnosis	- - - -	failure code on the display	failure code on the display
Dimensions (without chemical tank)	87 x 75 x 95 cm		
Weight (empty)	Fontan Mobilstar M	139 kg (including 69 l stainless steel chemical tank)	
	Fontan Mobilstar E and ER	127 kg (without chemical 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) fuel funnel with strainer (mesh width 0.1 mm) gasket set ear protection (2 sets) instruction manual with spare parts list		
for Fontan Mobilstar M only	chemical tank, stainless steel with level indicator and mounting lugs, capacity 69 l fixed dosage nozzles, flow rates in litres 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, spray head and cover plate		
for Fontan Mobilstar E and ER only			
Chemical tanks	stainless steel	69 l	
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		



Subject to technical modifications.