

# fontan® ULV Cold Fogging Aerosol Applicators

Made in Germany



**Fontan Mobilstar**

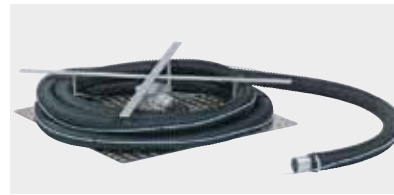
Control panel/Remote control, Fontan Mobilstar E and ER



Control panel/Remote control, Fontan Mobilstar M



Spraying head ULV/LV

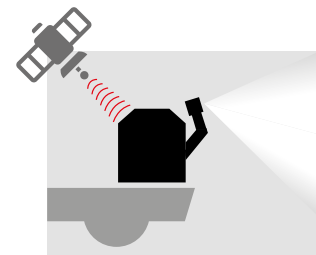


Sewage treatment attachment



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

|   |   |  |  |
|---|---|--|--|
| <b>Engine</b><br>Silencer<br>Cubic capacity<br>Power<br>Starter<br>Battery<br>Fuel consumption<br>Fuel tank | Briggs & Stratton, type Vanguard V-TWIN OHV, air cooled two cylinder four-stroke engine with alternator<br>Super lo-tone<br>480 cm <sup>3</sup> (16 hp engine) or 570 cm <sup>3</sup> (18 hp engine)<br>11.76 kW/16 hp or 13.24 kW/18 hp at 3,600 min <sup>-1</sup> (rpm), operation at 3,000 min <sup>-1</sup> (rpm), preset electrical (and additional manual recoil starter), ignition by Magnetron system<br>12 V, 36 Ah, maximum dimensions length x width 255 x 175 mm (optional accessory)<br>4 l/h, standard grade petrol, leaded or unleaded<br>steel with level indicator (jerrycan), capacity 20 l |  |  |
| <b>Compressor</b><br>Air volume<br>Pressure   | dry running side channel compressor with air filter<br>spraying modes ULV and ULV-Plus: 320 m <sup>3</sup> /h<br>spraying modes ULV and ULV-Plus: 0.35 bar  |  | spraying mode LV: 400 m <sup>3</sup> /h<br>spraying mode LV: 0.26 bar  |
| <b>Spray device</b><br>Droplet processing   | low pressure system with two adjustable spraying heads, made from corrosion resistant material<br>high velocity air stream  |  |  |
| <b>Flushing tank</b>  | UV light resistant polyethylene, capacity 5 l   |  |  |
| <b>Spraying data</b> (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  |  |
| <b>Control System</b>   | <b>Fontan Mobilstar M</b>   | <b>Fontan Mobilstar E</b>  | <b>Fontan Mobilstar ER</b>   |
| 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   | 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  |
| <b>Dimensions</b> (without spraying tank)   | 87 x 75 x 95 cm   |  |  |
| <b>Weight</b> (empty)   | Fontan Mobilstar M, 135 kg (including 69 l stainless steel spraying tank)<br>Fontan Mobilstar E and ER, 127 kg (without spraying tank)  |  |  |
| <b>Standard accessories</b><br>for all versions   | fuel tank with level indicator (jerrycan), steel, capacity 20 l<br>flushing tank, UV-light resistant polyethylene, capacity 5 l<br>tool kit<br>chemical funnel with strainer (mesh width 0.1 mm, stainless steel)<br>fuel funnel with strainer (mesh width 0.1 mm, stainless steel)<br>gasket set<br>ear protection (2 sets)<br>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<br>interchangeable dosage nozzles, flow rates in liter per hour:<br>ULV 20, 25, 30 l/h / ULV-Plus 50, 70, 90 l/h / LV 40, 70, 100 l/h  |  |  |
| <b>Optional accessories</b><br>(available at extra charge)<br>for all versions                              | heavy duty sealed dry battery, 12 V, 36 Ah<br>sewage treatment attachment including connecting tubes, spraying head and cover plate   |  |  |
| for Fontan Mobilstar E and ER only  | stainless steel 69 l with filter insert, stainless steel<br>polyethylene 80 l<br>polyethylene 150 l<br>polyethylene 300 l<br>polyethylene 500 l   |  |  |
| for Fontan Mobilstar M only   | additional dosage nozzles on special request<br>hour meter  |  |  |

