

# fontan® Mobilstar EK

Made in Germany

- Efficient, safe and reliable fog
- Very large application rates
- Smallest droplet sizes
- Extremely short set-up times

**NEW!**  
Ideal for large potato storages !



The fontan® Mobilstar EK was specially developed for the application of modern germ inhibitors such as ARGOS. It does not generate an open flame and the ignition temperature is never reached. Due to the high output rates of 5 - 100l / hour, even large warehouses can be treated efficiently in a short time. The device works independently and generates ideal droplet sizes for use in potato sprout inhibition.



Spray head ULV/LV



Quick coupling for chemical hose and air hose



Remote control



12m hose

## Technical data

## fontan® Mobilstar EK

<b>Motor</b>	Briggs & Stratton, type Vanguard V-TWIN OHV, air-cooled two-cylinder 4-stroke engine	
Cubic capacity	480 cm <sup>3</sup> (16 hp engine) or alternatively with 570 cm <sup>3</sup> (18 hp engine)	
Power	11,76 kW/16 hp or 13,24 kW/18 hp at 3.600 min <sup>-1</sup> (rpm), operation 3.000 min <sup>-1</sup> (rpm), fixed setting	
Starter	Electrical (additionally with pull-wire starter), ignition by magnetron system	
Battery	12 V / 33 Ah, maximum dimensions length x width 255 x 175 mm	
Fuel consumption	4 l/h, regular petrol, leaded or unleaded	
Fuel tank	Steel sheet with level indicator (jerry can), capacity 20 l	
<b>Compressor</b>	Dry running side channel compressor with air filter	
Air volume	Spray mode ULV and ULV-Plus:	320 m <sup>3</sup> /h
	Spray mode LV:	400 m <sup>3</sup> /h
Pressure	Spray mode ULV and ULV-Plus:	0,35 bar
	Spray mode LV:	0,26 bar
<b>Spray device</b>	Low pressure system with 1 adjustable spraying head and 12m hose	
Droplet processing	High velocity air stream	
<b>Rinsing tank</b>	UV-light-resistant polyethylene, capacity 5l	
<b>Spray data</b> (measurements with water)		
Spray mode ULV	Flow rate	5 - 50 l/h.
	Droplet spectrum	VMD (Volume Median Diameter) < 30 µm
	Range	Drift 100 - 200 m, depending on fan power and output on site
Spray mode ULV-Plus	Flow rate	51 - 100 l/h.
	Droplet spectrum	80 % < 40 µm
	Range	Up to 100m, depending on fan power and output on site
Spray mode LV	Flow rate	5 - 100 l/h.
	Droplet spectrum	VMD 75 - 100 µm, depending on the flow rate
	Range	20 - 50 m, depending on fan power and output on site, drift reduced
<b>Control system</b>		
Output capacity	Up to 100 l/h by a stainless steel gear pump with dry running protection	
Flow rate setting	(l/h) programmable on the control panel, electronically controlled	
Calibration	automatically, electronically controlled	
Control panel/ remote control/ for all operational functions	illuminated and programmable, with optical and acoustic warning signals, can be removed from the device and used as a remote control	
Failure diagnosis	Error codes on the display	
<b>Dimensions</b>	approx. 87 x 75 x 95 cm	
<b>Weight</b> (empty)	139 kg	
<b>Standard accessories</b>	20l fuel tank with level indicator (jerry can) made of sheet steel, Rinsing tank, UV-light resistant polyethylene, capacity 5l; Chemical funnel with strainer (mesh width 0,25 mm) Fuel funnel with strainer (mesh width 0,25 mm) Set of gaskets, tool kit Instruction manual with detailed spare part list; Battery 12 V / 33 Ah 12m spraying hose with spray head	
<b>Optional accessories</b>	Suction pipe with 2m chemical hose (coated PE hose) Telescopic tripod, Height adjustable; 1.15 - 2.75 m	

We reserve the right to make technical changes

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