

# SMOKE FACTORY

FOG GENERATORS

NEBELMASCHINEN



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# SMOKE FACTORY

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**Welcome  
to the SMOKE FACTORY!**

SMOKE FACTORY is the leading innovator and one of the most distinguished manufacturers of high quality fog machines.

Made in Germany, our products are designed for efficiency, and are

sophisticated,  
feature-packed  
and reliable,

ensuring their owners a high return on their investment.

Smoke Factory fog generators offer everything the technical professional is looking for.

**WELCOME**

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minimal noise development

BGV C1-certified fog-system

0-10 Volt control

Transportability

electronic temperature control

**Since the foundation of the company in 1990,  
most innovations in the fog-sector have been  
Introduced by the SMOKE FACTORY.**

several nozzles

Flightcase

XLR connectors

independent energy supply

DMX control

# SMOKE FACTORY

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**These are, for instance:**

- 0-10 Volt control
- DMX control
- Transportability
- Flightcase
  
- electronic temperature control
- minimal noise development
- several nozzles
- XLR connectors
  
- independent energy supply
- water-based Haze
  
- BGV C1-certified fog-system  
(certified machines + Fluid + Fog)

INNOVATIONS

The first certified  
BGV C1 fog system:



certified  
fog machine

+



+ certified  
fog fluid

= BGV C1 = certified fog

# BGV C1

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## First BGV C1 safety-tested fog system

For the first time a complete fog system has been safety-tested and BGV C1-approved by the authorities. The VBG (Institution for Statutory Accident Insurance and Prevention) has tested the fog machines, the fluid and, finally, the result of the fogging process: the fog itself.

Fogging tests have been undertaken under realistic circumstances with samples of the air taken and investigated in the laboratories. Result: both the tested Smoke Factory foggers and four different fog fluids can be used safely and with no danger to health, and this is documented and proved by the 'BGV C1 tested safety' logo of the VBG.

Theatres, TV-stations and rental companies can now show their actors, audiences and clients that the fog system they use is safe and not dangerous to health. We are proud to have proof that will help our clients in many situations. We all know that many people have prejudices regarding the use of fog, but as professionals we also know that there is no light show, no moving light or laser effect without fog or haze. The reputation of the BGV C 1-certificate is highly regarded around the world, and we think there is no better way to show that we take our job seriously. *(John Offord, [www.etnow.com](http://www.etnow.com))*

CERTIFICATION



### **On Tour with the perfect Hazer: TOUR HAZER II**

DMX-control, variable haze output and fan speed. Latest processor technology. Flightcased in 19" for easy packing and transportation. Compartment for 5 litre fluid can.

Creates a fine haze, filling the air with a perfect "Designer Mist". The unit creates a perfect environment for beam effects and moving light shows.

# TOUR HAZER II

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**Procedure:**

hazemaker based on vaporizing fog generator

**Power:**

1500 W

**Power requirement:**

240 V/50 Hz (110 V version also available)

**Weight (without fluid):**

15,2 kg

**Fluid bottle capacity:**

5 litres

**Control choices:**

DMX 512 + stand alone, timer

**Warm up time:**

ca. 60 seconds

**Temperature control:**

electronically

**Ambient temperature:**

5° C to 45° C (41° F to 113° F)

**Ambient humidity:**

max. 80% rel. humidity, not condensing

FOG GENERATORS



The „classic“ fog generator with power, now with digital technology: CAPTAIN D DMX.

230 V/1300 W. Very high fog emission. Flow control between 1 % and 99 % by using Up-/Down buttons. Radio remote control and cable remote optional. Continuous fogging possible with reduced output.

Tube, tube connector and hanging set as options.

# CAPTAIN D DMX

FOG GENERATORS

NEBELMASCHINEN

**Procedure:**

hazemaker based on vaporizing fog generator

**Power:**

1500 W

**Power requirement:**

230-240 V/50 Hz (110 V version available as well)

**Weight (without fluid):**

9 kg

**Fluid consumption:**

120 ml/min. (max. output), 35 ml/min. (continuous)

**Fog emission:**

between 1 % and 99 %

**Fog time:**

40 sec. (100 % output), continuous < 50 %

**Control choices:**

DMX 512, 0-10 V, timer, stand alone

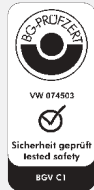
**Warm up time:**

approx. 7 minutes

**Temperature control:**

microprocessor-controlled

FOG GENERATORS



The „classic“ fog generator with power. Digital technology, flightcase and tube connector as standard: CAPTAIN D CASE.

230 V/1300 W. Very high fog emission. Flow control between 1 % and 99 % by using Up-/ Down buttons.

DMX as standard. Radio remote and cable remote optional. Continuous fogging possible with reduced output.

# CAPTAIN D CASE

FOG GENERATORS

NEBELMASCHINEN

**Procedure:**

hazemaker based on vaporizing fog generator

**Power:**

1500 W

**Power requirement:**

230-240 V/50 Hz (110 V version available as well)

**Weight (without fluid):**

20 kg

**Fluid consumption:**

120 ml/min. (max. output), 35 ml/min. (continuous)

**Fog emission:**

between 1 % and 99 %

**Fog time:**

40 sec. (100 % output), continuous < 50 %

**Control choices:**

DMX 512, 0-10 V, timer, stand alone

**Warm up time:**

approx. 7 minutes

**Temperature control:**

microprocessor-controlled

FOG GENERATORS



### **Beam me up: SCOTTY II.**

Successor of the legendary "green" SCOTTY I. Now without preheating-time. Battery-operated, independent from mains. Handy, easy to operate, Flow Control.

400 Watt, rechargeable battery 12 V/12 Ah, Warm up time: 1 sec. fog time with one loaded battery: 10 min. continuously fogging or 150 times a 5 sec. Control choices: By fog release button, analogue through 3-pin-XLR-socket, radio remote control (optional), DMXcontrolled (optional)

# SCOTTY II

FOG GENERATORS

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**Procedure:**

Vaporizing fog generator

**Power:**

400 W

**Power requirement:**

12 V via battery (charger 240 V/12 V)

**Weight (incl. battery):**

6 kg

**Fluid bottle capacity:**

250 ml

**Fluid consumption:**

approx. 10 ml/min. (max. output)

**Warm up time:**

1 sec.

**Fogging time on battery:**

10 min. continuous or 150 bursts of 5 sec. each

**Control choices:**

XLR Remote, DMX Box, timer

**Standby time:**

250 h

FOG GENERATORS



**The new generation of the „classic“ fog generators:  
DATA II.**

Digital power fog machine with two pumps. 230 V/  
2600 W. Connector for controlling a fan up to max. 800  
W, extremely high fog emission, flow control between  
1 % and 99 % by using Up-/Down buttons.

DMX, timer and tube connector as standard. Contin-  
uous fogging possible.

# DATA II

FOG GENERATORS

NEBELMASCHINEN

**Procedure:**

Vaporizing fog generator

**Power:**

2600 W

**Power requirement:**

230-240 V/50 Hz

**Weight (without fluid):**

18 kg

**Fluid bottle capacity:**

5 litres

**Fluid consumption:**

240 ml/min. (max. output), 120 ml/min. (continuous)

**Fogging time:**

60 sec. (100 % output), < 50 % continuous

**Control choices:**

DMX 512, 0-10 V, timer, stand alone

**Warm up time:**

approx. 7 minutes

**Temperature control:**

microprocessor-controlled

FOG GENERATORS



**The State-of-the-Art Touring-Unit. With latest digital technology: ENTERPRISE TC4**

Digital power fog machine with two pumps, built-in an Amptown-Flightcase. 230 V/2600 W. Connector for controlling a fan up to max. 800 W, extremely high fog emission, flow control between 1 % and 99 % by using Up-/Down buttons.

DMX, timer and tube connector as standard. Continuous fogging possible. Radio and cable remote optional.

# ENTERPRISE TC4

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**Procedure:**

Vaporizing fog generator

**Power:**

2600 W , power fan (option) max. 800 W

**Power requirement:**

240 V/50 Hz

**Weight (without fluid):**

24 kg

**Fluid bottle capacity:**

5 litres

**Fluid consumption:**

240 ml/Min. (max.output), 120 ml/Min. (continuous)

**Fogging time:**

60 sec. (max. output), continuous on < 50%

**Control choices:**

DMX 512,0-10 V, timer, stand alone

**Warm up time:**

approx. 7 minutes

**Temperature control:**

microprocessor-controlled

FOG GENERATORS



**For demanding lighting designers:  
FAN FOGGER DMX 3**

2900 W, 230 V. High powered fog generator with integrated wind machine in Amptown-flightcase on wheels. Fog machine and wind machine DMX-controllable. Integrated canister holder for two 5-ltr.-canisters.

Optimum distribution of fog for light or laser shows in larger halls or open air.

# FAN FOGGER DMX3

FOG GENERATORS

NEBELMASCHINEN

**Procedure:**

Vaporizing fog generator plus windmachine

**Power:**

2900 W

**Power requirement:**

240 V/50 Hz

**Weight (without fluid):**

24 kg

**Fluid bottle capacity:**

2 x 5 litres

**Fluid consumption:**

240 ml/min. (max.output), 120 ml/min. (continuous)

**Fogging time:**

60 sec. (max. output), continuous on < 50%

**Control choices:**

DMX 512,0-10 V, timer, stand alone

**Warm up time:**

approx. 7 minutes

**Temperature control:**

microprocessor-controlled

FOG GENERATORS



**As quiet as the blues, but as powerful as a hurricane: FACTORY FAN**

Radial ventilator, adjustable in 3 levels from modest to stormy. Robust, indestructible plastic casing. Carrying handle, minimal noise. Parallel release with most SMOKE FACTORY fog generators is possible.

# FACTORY FAN

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**Model/Unit:**

Windmaschine

**Power:**

725 W

**Power requirement:**

240 V/50 Hz

**Weight (without fluid):**

20 kg

**Capacity:**

78 m<sup>3</sup>/min., 4600 m<sup>3</sup>/h

**Control choices:**

2 manual steps or via DMX 512 (DATA II only)

**Noise:**

60 db/step 1, 70 db/step 2

**Measures:**

width 500 mm x height 580 mm

**Ambient temperature:**

5° C to 45° C (41° F to 113° F)

**Ambient humidity:**

max. 80% rel. humidity, not condensing

WIND GENERATORS



8 types of fog-fluids with different characteristics. Guaranteed for all the eight: guaranteed purity of content, substances adhering to DAB (German Medicine Book) and USP (U. S. Pharma). Clearance certificate and DIN Safety Data Sheet, oil-free, fully soluble in water, biologically degradable, inflammable. Permanent quality control. Available in 5 l- and 25 litre-containers and a 200 litre barrel.

Attention! Wrong fluid can destroy your machine and deletes the warranty. With the right fluid for the right machine, quality-controlled and certified, you will always have the lowest expense at the end of the day.

# FOG FLUIDS

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**Fluids für Captain, Enterprise, Data, Fan Fogger:**

**Fast-Fog:** very fast dispersing fog liquid

**Super-Fog:** long-lasting standard fog fluid

**Heavy-Fog:** extremely long-lasting fog-fluid, especially high raw-material content for large halls and open-air

**Designer-Fog:** special fluid for producing long-lasting mist for professional light and laser designs, especially good reflection, long lasting, complete odour-free

**Special Fluids for special machines:**

**Scotty-Fog:** special fluid for „Scotty“ (the „old“, green model)

**Scotty II-Fog:** special fluid for „Scotty II“ (the new, black model)

**Mr. Fog:** special fluid for „Mr Mister“

**Tour-Hazer-Fog:** special fluid for „Tour-Hazer“ and „Tour Hazer II“

SMOKE FACTORY FOG FLUIDS



**DMX box:** DMX to analogue transformer. Converts DMX input signals for 1 – 6 independent 0 – 10 V channels. Usage: DMX control for all analogue ("old) SMOKE FACTORY fog generators except Scotty, but for all other DMX/ analogues transformations as well.



**Radio remote control:** hand transmitter with release button & codeable receiver. Approved by telecommunication authorities. Releases fogging process at the pre-set output-volume, but no output control/output change via radio. For: Scotty I und II, Captain D, Data II, Tour Hazer, Fan Fogger.



**Cable remote:** Release mechanism and flow control, connection: XLR, for all machines except Scotty and Tour Hazer

# ACCESSORIES

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**Time W.A.R.P.:** programmable digital timer, controlled by microprocessor. Precise input of waiting time (1 sec. – 100 min.), of the fogging time and amount of fog (0% -100%). Automatic start possible. Separate programmable flash key, clear digital display. Usage: can be used on all SMOKE FACTORY fog generators except Scotty.

**Ducting Connector** for Captain D.

**Hanging set** for Captain D.

**Ducting Connector** for Enterprise. TC4

**Ducting** for Enterprise, Data II or Captain ; 100 mm diameter.

**Additional battery (rechargeable), charger** for Scotty

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**The Philosophy:** Concentrating on our strength: vaporizing fog generators for all applications. User-friendly. Safe. Robust. Professional equipment, designed and made in Germany with an excellent reputation for reliability.

**The Innovations:** 0-10 Volt control, DMX control, transportability, flightcase, electronic temperature control, minimal noise development, several nozzles, XLR connectors, independent energy supply, water-based Haze and much more: All these innovations are synonymous with the name SMOKE FACTORY. Many of them were copied by others and so have become standards.

**The Product Range:** Far-reaching and carefully thought-through. From the small battery operated „Scotty“ to the „Fan Fogger“ with integrated wind machine. From the whisper silent „Data II“ to the powerful „Captain D.“. And from user-friendly Tour Hazer to the tour professional „Enterprise TC 4“.

# HISTORY

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**History:** With a background of 20 years experience in the area of stage, film, TV and special effects, Florian von Hofen founds the SMOKE FACTORY in 1990 – mainly driven from dissatisfaction about the poor quality of most existing fog machines at that time. Together with R+D-specialist Jörg Pöhler the first SMOKE FACTORY-product, the ENTERPRISE TC 2, is being developed, a unit, which can be transported and taken on tour, can easily be controlled and operated.

During Prolight + Sound 1990 the ENTERPRISE TC 2 („TC 2“ stands for „TeleCommand“, because the machine introduced a wireless remote control as well) is presented to the public for the first time – and immediately becomes state-of-the-art for the rental industry.

During the following years a distribution network is being built up and, in parallel, new machines are being developed continuously, often following suggestions from clients: The battery-operated SCOTTY, the fog-/windmachine-combination FAN FOGGER, MR. MISTER as first oil-free Hazer and TOUR-HAZER as today's standard Hazer on all kinds of concerts and events.

FOG: SMOKE FACTORY



### Service und After Sales

SMOKE FACTORY products are designed for life. Many of our clients have successfully been running their machines on 200 or more rental jobs a year since 1990 or 1991. SMOKE FACTORY fog-generators can be repaired, if it should ever be necessary. We keep a stock of spare parts and have a dedicated service team.



# SERVICE

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Our attitude maybe conservative, but we love to manufacture reliable „sloggers“. A taxi driver will buy a particular car (i.e. a Mercedes Diesel) because he wants to make money and a lot of kilometers for many, many years. That has always been our shining example: We want you to be able to rely on our machines and to make money with them for a long time. And, according to the taxi driver, we recommend a service inspection from time to time. Your equipment will pay back with an even longer lifetime.

**Your SMOKE FACTORY team**

FOG: SMOKE FACTORY

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Your SMOKE FACTORY dealer

[www.smoke-factory.de](http://www.smoke-factory.de)

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