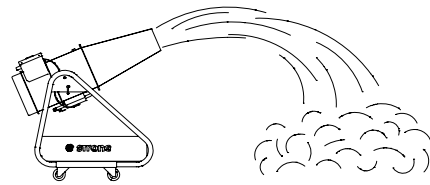


# Foam Cannon



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## 1.- Description

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The Foam Cannon is suitable for being used indoor in discotheques or outdoor in popular celebrations due to the easy way of transportation.

Furthermore, it's able to produce a big quantity of foam in very short

time for have a great success in any party.

Built completely in stainless steel, it's very resistant against deterioration produced by the water in permanent contact, keeping during a long time the machine in perfect conditions.

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## 2.- Characteristics

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- Made in stainless steel
- Turning wheels with brake
- No needs pressure pump
- Fast type connector for water inlet.
- Low consumption in water and foam gel
- Long lasting dry foam
- Water tap

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### 2.1.- Technical Data

Voltage	230 V 50 Hz
Power	800 W
Cable length	10 mts
Water inlet (Recommended)	3/4 ó 1/2 inch
Necessary pressure (Minimum)	1,5 bar
Recommended pressure	2 - 5 bar
Reaching length (45°)	8 mts
Production	150 m3/h
Foam gel consumption	25 l/h
Weight	57 Kg

### 3.- Dimmensions

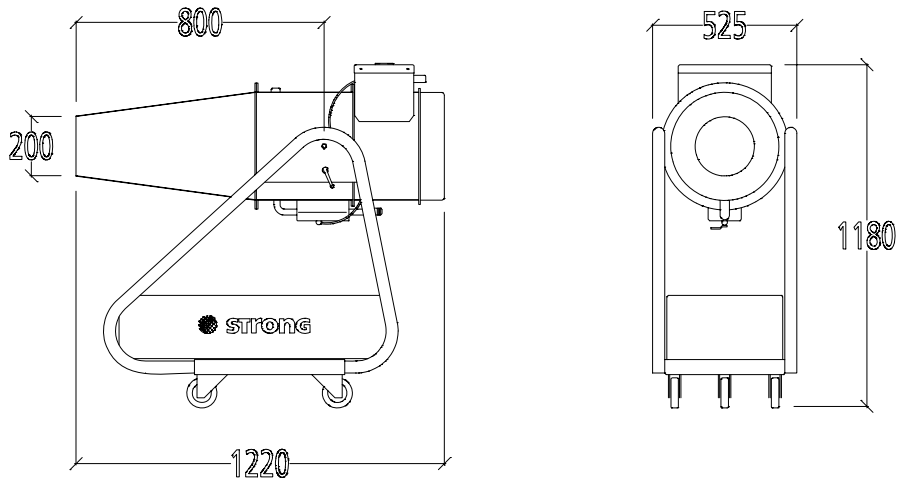


Fig.- 1

## 4.- Connections

The only connections you should make to the FOAM CANNON are the 220V 50Hz power input and the water input, but due to the extremely wet environment where works the machine it's necessary to take special cares as:

-The zone where you are going to spread foam should be free of electrical connections of any type.

-Plug the power cord of the machine to a socket located far (at certain distance for avoiding water splash) from the place where you are going to make the show. Do it with dry hands.

Check the state of the socket before plug.

The mains should have a earth leakage protection of 30 mA.

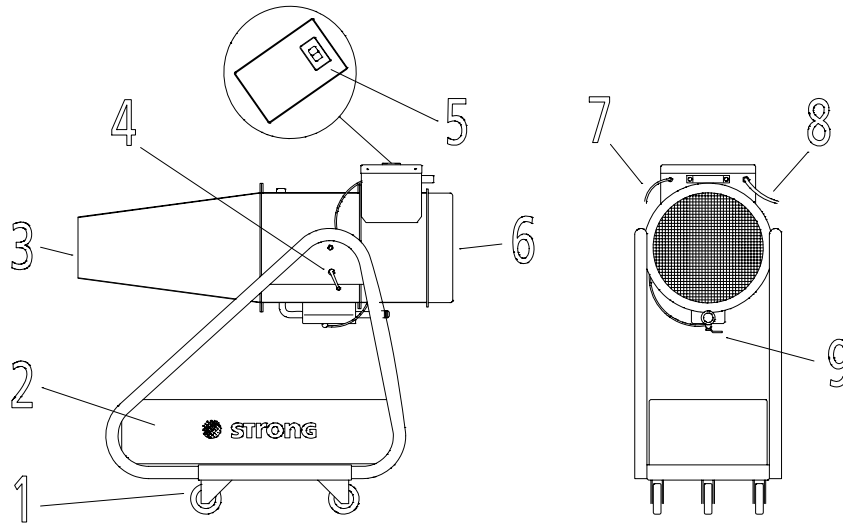


Fig.- 2

- 1.- Turning wheels with brake
- 2.- Lower tank
- 3.- Foam output
- 4.- Fixing handle
- 5.- On/Off switch

- 6.- Air inlet
- 7.- Foam gel tube
- 8.- Power cord
- 9.- Water tap

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## 5.- Operation

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For long lasting the life of the machine and avoiding to force its components it's convenient to make an operation of "starting" before to begin using it and a "cleaning" at the end of the show.

With these operations can be avoided problems with the pump during normal working and to keep the machine without foam gel when not in operation.

!!IT'S CONVENIENT TO DO THIS OPERATION WITH THE MACHINE IN THE HORIZONTAL POSITION TO AVOID WATER CAN WET THE FAN MOTOR!!!

Notice: It's absolutely important for good care of the machine to use the STRONG foam gel. In other case, the machine could suffer important damage.

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### 5.1.- Starting

Place the foam gel tube inside a tank full of clean water and then turn on the main switch during one or two minutes until the water starts flowing through the internal sprinkler. You'll see that the water comes up through the plastic tube in a uniform and continuous way.

If you couldn't get this in two minutes, stop for little time and try it again.

After this process place the foam gel tube inside the foam gel tank.

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### 5.2.- Working

There are two ways of proceeding with the machine:

- a) With foam
- b) with snow

For working with foam you have to turn on the mains switch and open the water tap.

It's important to follow that order: first- mains second- water. The waste

of water is approximately 750 liters per hour and foam gel 18 liters per hour.

For working with snow you have to mix in a tank 1/10 parts of foam gel with 9/10 parts of water and don't open the water tap.

For turning off the machine is important, first to close the water tap and then turn off the mains switch.

When you finish the show follow the indications mentioned in section 5.1 for cleaning the machine from foam gel.

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## 6.- Maintenance

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### 6.1. Cleaning

It's convenient to clean with water at low pressure all the machine taking care of not wetting the fan and drying later with a cloth.

The recipient located in the bottom of the machine is useful for avoiding that the leakage of water that goes out from the machine, spreads on the floor at the feet of the person who manage it.

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### 6.2. Fuse

The fuse is placed inside the box located on the top of the machine.

For accessing to the fuse you have to take off the cover of the box, containing the mains switch. Inside there is a fuse holder with a 5x20 8 Amp fuse.

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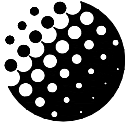
## 7.- Common problems.

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Problems	Usual causes	Solutions
Only spreads water	Foam gel tank, empty	Fill it
	Pump not started	See section 5.1.
Foam gel outs in liquid state	Water tap closed	Open it
Nothing works	No connected	Connect it to 220v 50Hz
	Faulty fuse	Replace it (See section 6.2.)
	Leakage earth protection disarmed	Check the installation and rearm the protection.

If the problem persists despite these measurements, contact the Technical Support Service of FRESNEL S.A.  
Telf: 34 93 210 73 51  
Telf: 34 93 219 94 60  
Fax: 34 93 213 76 61



	<b>FRESNEL S.A.</b>	<b>DC-01</b>
	<b>STATEMENT OF COMPLIANCE</b>	DATE: 1/1/98
<p>We hereby declare that the product:</p> <p style="margin-left: 100px;">Brand:       <b>STRONG</b></p> <p style="margin-left: 100px;">Model:       <b>FOAM CANNON</b></p> <p style="margin-left: 100px;">Year of construction:   <b>2001</b></p> <p>Conforms to directive 73/23 in respect of safety requirements for electrical material, to be used within specific voltage limits, and to directive 89/336 in respect of the electromagnetic compatibility of equipment, systems and installations.</p> <p>Sole Administrador</p>   <p style="text-align: center;">Angel Torrecillas Redón        Barcelona, 2 de Enero de 2001</p> <p><b>Fresnel</b> S.A.</p> <p>Providencia 109-111                      <i>Telf: 34 (93) 2107351 / 2199460</i></p> <p>08024 Barcelona                            <i>Fax: 34 (93) 2137661</i></p> <p style="text-align: right;"><i>Internet: <a href="http://www.strong.es">http://www.strong.es</a></i></p> <p style="text-align: right;"><i>E-mail: <a href="mailto:strong@strong.es">strong@strong.es</a></i></p>		

