

## Professional Grade Snow Machines

### T-1000 Professional Snow Machine (Purchase = \$1500.00)



**Size of Unit:** 20.5'X10. 5' X 11'  
**Weight:** 35 pounds

**Electrical requirements: not available in 220V**  
12 amp, 110v circuits per machine.

**Warm Up Time:** Instant Snow

#### Distance of Snow

**Throw:** 25' to 35' (Starting height of 15 ' )  
**Width:** 8' to 15'

#### Snow Flake Control

**Size of Flake:** small flurry to large silver dollar flakes.

#### Evaporative Time

**Small to Medium Flakes:** 30 to 90 seconds

**Large Flakes:** 90 to 120 seconds.

Please refer to users manual "Evaporative Snow Technology". Totally evaporative snow is possible as long as the setting of flakes is evaporating within 30 seconds.

#### Snow Machines Controls

**Light Board Control:** Non-dim circuits patch to separate channels. DMX interface available.

**Remote Control:** 30-foot controller

**T-1100 Ultra Quiet, Compact Snow Machine (Purchase = \$1850.00)**



**Size of Unit:** 19.5"L x 10"W x 13"H with Yoke

**Weight:** 32 pounds

**Ship Weight:** 32 pounds (40 pounds with fluid)

**Material:** Steel for brackets and yoke

**Electrical requirements:**

10 amp, 110v circuits per machine.

**Also available in:** 100V and 220V

**Warm Up Time:** Instant Snow

**Noise Levels:** 74 db @ 3 meter (snow machines are tuned by a professional acoustician to remove motor noise).

**Distance of Snow**

**Throw:** 25' to 35' (Starting height of 15')

**Width:** 8' to 12'

**Snow Flake Control**

**Size of Flake:** Snowflake can be adjusted by DMX control, hardwired control or stand alone controls.

**Custom Colors**

**Standard:** Black — Various colors available.

**Evaporative Time**

**Small to Medium Flakes:** 30 to 90 seconds

**Large Flakes:** 90 to 120 seconds. Please refer to users manual "Evaporative Snow Technology".

Totally evaporative snow is possible as long as smaller flakes are chosen and the adjustment is properly set.

**Snow Machine Controls**

**Remote Control:** 30-foot hardwire controller.

**DMX:** USITT Standard: 4 Channels

Channel 1 On/Off

Channel 2 Timer Length of Cycle

Channel 3 Duration of Cycle

Channel 4 Flake Size

**Snow Zone with Fan Purchase = \$ 3500.00 Max 20 inch blade**

**Mini 16 inch blade 3000.00**



**Size of Unit:** 25"L x 18"W x 25"H

**Weight:** 60 Pounds

**Material:** Rugged Polypropylene

### **Electrical requirements**

**1-15amp, 110v circuit per machines.**

**Also available:** 100V and 220V

**Warm Up Time:** NONE

**Noise Levels:** 75db @ 10'

### **Distance of Snow**

**From ground base:** Throw: 50 feet plus

**Width:** Over 20 feet

**Hanging Throw:** 50 feet plus (Starting height of 10')

**Width:** Over 20 feet

### **Snow Flake Control**

**Size of Flake:** Light to snowstorm.

Snowflake can be adjusted by DMX control, hardwired control or stand-alone controls.

### **Fan Control**

**1/3 Horsepower 20 inch impeller or 16 inch**

Variable speed control on the actual machine. Remote on/off by DMX or Hardwire remote.

CFM; Max 4765 or 3200CFM

T-1600 Evaporative Snow Machine - \$2350 his is the quietest snow machine in the world. Designed for stage, movies, and performances where noise makes the difference, the T-1600 has a rating of 68 db @ 3 feet. DMX on-board with duty cycle timer (5 and 15 min repeat cycle timer) stand alone settings.

**T 1600 2350.00**



**Size of Unit:** 44"L x 16"W x 23"H (with Yoke)

**Weight:** 50 pounds

**Ship Weight:** 60 pounds (70 pounds with fluid)

**Material:** Predominantly Polyethylene except for brackets, yoke and cover.

**Electrical requirements:**

10 amp, 110v circuits per machine.

**Also available in:** 100V and 220V

**Warm Up Time:** Instant Snow

**Noise Levels:** 68 db @ 3 meter (snow machines are tuned by a professional acoustician to remove motor noise).

**Distance of Snow**

**Throw:** 25' to 35' (Starting height of 15')

**Width:** 8' to 15'

**T-5000 5000.00 Mega Evaporative Snow ® Machine - \$5000** his unit was designed for indoor large venues. It measures 25" X 20" X 20" and weighs 100 pounds. The T-5000 requires two individual 20 amp 110v circuits and comes with 4 rigging points for suspension from trusses. The bottom of this machine is also fitted for genie crank stands. T-5000 is the most powerful snow machine in the world. (See chart for area of coverage). Patented Technology US6,474,091



**Size of Unit:** 25"L x 20"W x 20"H

**Weight:** 110 Pounds

### **Electrical requirements**

**2-20 amp, 110v circuits per machine.**

**Also available:** 100V and 220V

**Warm Up Time:** Instant Snow

### **Distance of Snow**

**Throw:** 45 to 100 Feet (Starting height of 15')

**Width:** 20 to 30 feet



### **Auto Refill Pumping Station - \$895.00**

Fluid refill pumping system that automatically maintains fluid levels in your special effects devices. Specially designed for Snowmasters snow machines but is compatible with all other equipment that utilizes liquids. It can be used in machines such as foggers or hazers.

The system detects the fluid level in the equipments small built in reservoir and signals a transfer pump connected to a multi-supply drum to refill the reservoir, all without user intervention. This is an ideal solution for installations with limited or difficult access such as ceilings or stages.

### **Snow Fluid**

**Fluid 45.00 a gal/** concentrate 8oz mix with water and save on shipping

225.00 a 5 gal pail

All the above machines Snow Production Per Gallon: 1 to 1.5 hrs

The above machines have a Lifetime Limited Warranty

Each Snow Machine comes with this limited, lifetime warranty: Any Snow Masters snow machine that fails to work during normal operations will be serviced and/or repaired at no cost. If the machine is not repairable it will be replaced with another snow machine providing that: the machine is not allowed to run dry of our FG-100 Liquid Snow, the machine does not use any chemical or liquid snow other than our FG-100 Liquid Snow, or the machine is not dropped. You can also send the machine in every three year for a upgrade or check up...Free except shipping.

### **Often Imitated But Never Duplicated!**

**The right machine makes all the difference, the machines listed below are NON (not) EVAPORATING (meaning wet snow, these machines do not hold the UL listing) consumer grade brand machines:**

Chauvet : Antari : Vivid : Flurry : Silent Storm : True North : Evolution : Colorado : Soundlab : Skytec : Starlight and Magic Pro : Omnisistem

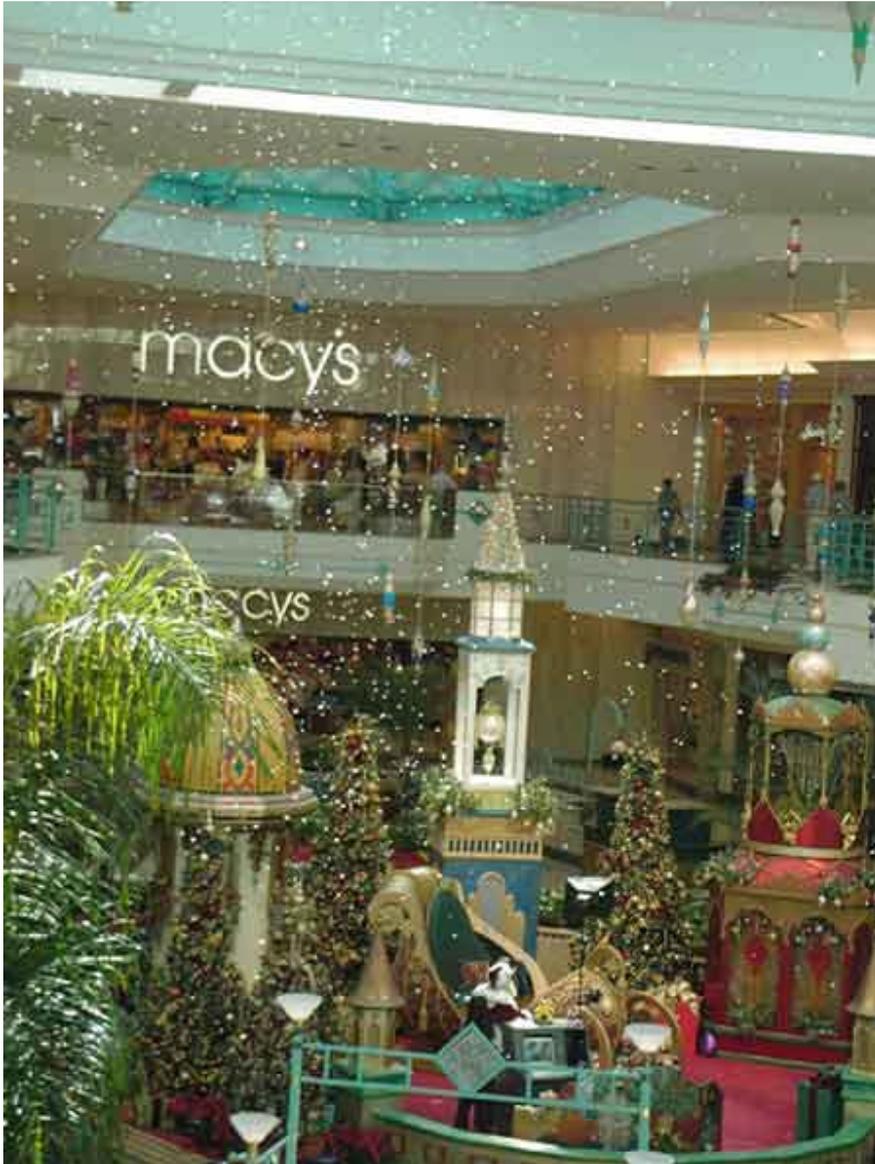
**Check what machines your using or booking as some lighting and FX companies offer these listed machines. We couldn't get the results we do with any of these (listed above) machines. Your insurance company will want a LIST UL Machine on your property.**

**These loud machines like Chauvet and Antari cost a few hundred dollars and throw wet foam snow shorts distances of snow 15' and 8' wide. All of these snow machines like Chauvet and Antari are 1990 old technology and are the first snow machines produced. These Machines spray snow flakes that are wet, so they are heavier and won't fly and stay in the air as far our brand of machines . Our machines like the T-1100 and T- 1000 spray a dry light snow traveling 25- 35 ft and snow zone 40- 50 ft.**

We did a comparisons test with a non evaporating consumer grade brand machine and spray snow on the side of a white cargo van. The result once the snow dried we had spotted rings of residue and the windows were spotted. We did the same with our Evaporating Snow machines it was as if we never sprayed the van at all.

**Snow flakes should be 3/16" to 1/2 " in size to look real. Smaller snow flakes equals more snow in the air falling. Once again consumer grade machines won't do the task of making small flakes and really have little control over flake size and have very little consistency.**

**Our machines are HIGH RANGE AND VOLUME SNOW MACHINES -  
EVAPORATES WITHIN 90 SECONDS**



Here we have the machine with the fan every 20 feet apart, this machine blows the

The chart show the distance of the spray  
The further up the machine the more it will spray

### **C- Machine Placement and Performance**

#### **THINKING ABOUT HEIGHT AND COVERAGE**

**To rent a machine you need to think about machine placement you can mount the snow machine above the area where you want the snow either on truss a tripod or our floor mounted snow machine. You can always point the machine the up into the air at a 45% angle. The reason for this is very simple, natural snow falls straight from the sky to the**

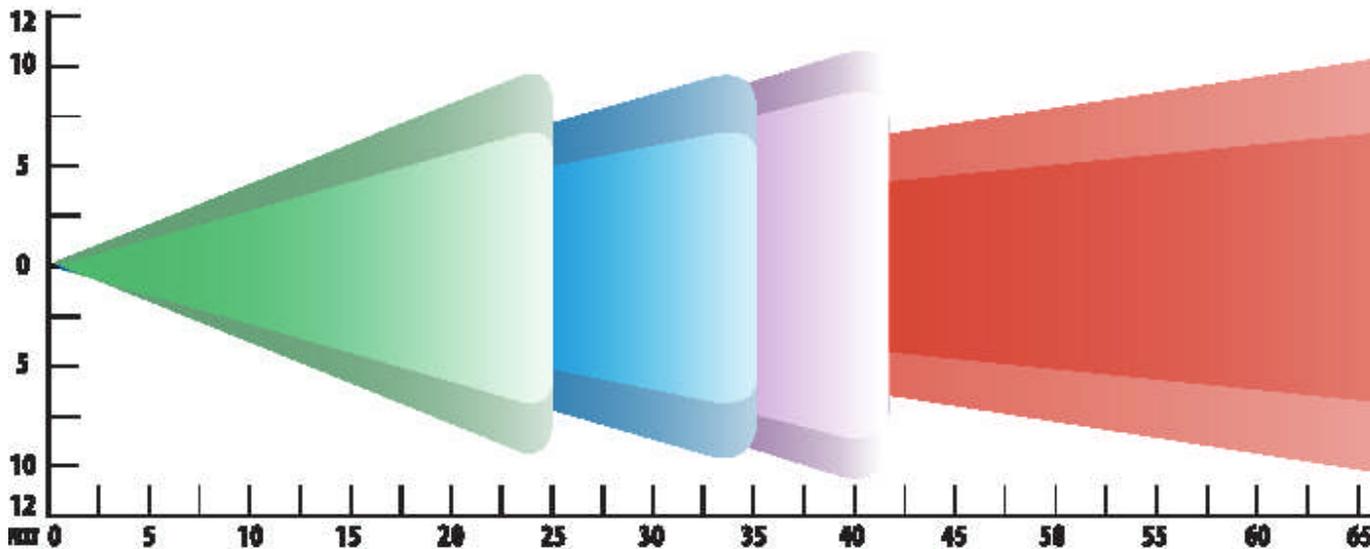
ground. With the exception of blizzard conditions, snow doesn't usually swirl up from the ground and then fall back down.

Snow machines need to be above the heads of the audience, that's 12 ft - 15 ft - 18 ft to 30 feet height off the ground level. In general, a starting height of 12' ft snow shoots: 15 FT unless it a T 1500 which shoots 50 ft.

Machines can be placed on tripods, roof tops, awnings, free standing truss, trees, lampposts and lifts. Indoors you will need to be near the ceiling on chain motor Truss, free standing truss tripods to get the machine as high as possible. Indoors you'll need an awareness of the floor type and the height of the machine, and adjust the flake size accordingly. Carpets, concrete and grass are no worry surfaces. On tile floors, marble floors and wood floors you need to have the machine high and use a small flake (Flurry) size. Using a DMX machine like a T -1100 - T - 1500 allows for total Flake control.

When on Roof Tops, you must be sure that the air flow is free and clear when placing on the roof tops, make sure it is not hitting the roof edge. If the machine is too close to any walls or roof top facade the snow will not blow as far, this will be visible by snow sticking to the wall or facade ledge top. The wind flow will determine how far out into the street the snow reaches. You must get the snow spray flow and/or wind flow to be unobstructed.

Totally evaporative snow is possible as long as the setting of flakes is evaporating within 30 seconds, smaller flakes. **W**



If you want kids to really play in the falling snow the machines need to be 12- 15 feet off the ground or in a position that buildings would block the wind. Such as lamp posts, trees or free standing dressed truss, awnings etc...

Machines on the roof top is an atmosphere effect of falling snow, where you want the flurries over a large area. Like real snow the wind will push the move the snow. with the air currents over the building.

30 seconds evaporating is using smaller flakes on the DMX Dial

#### THINKING ABOUT HEIGHT AND COVERAGE

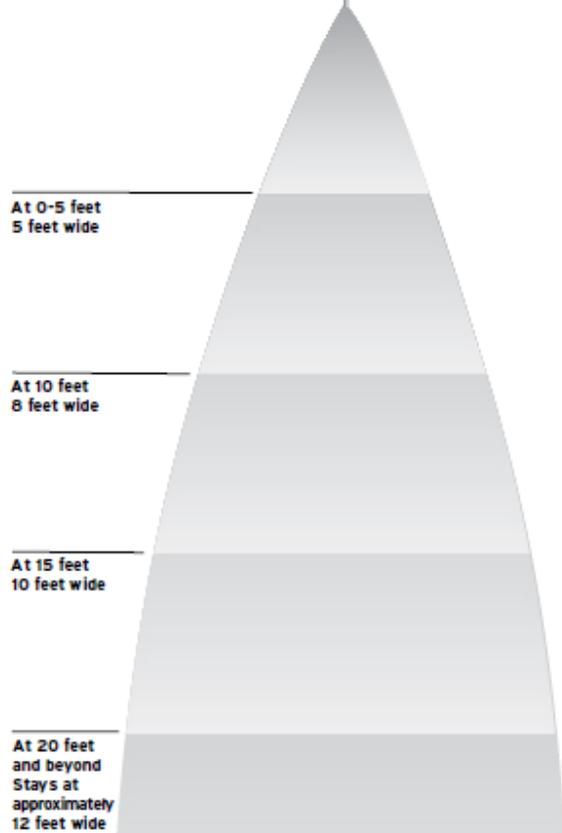
Height; Machines need to be place 12ft - 14ft - 18ft - 20ft - 30ft off the ground. A machine at 12 foot off the off the ground will shoot 14-16 ft and at 20 foot will shoot 20-25 ft and at 30 feet will spray 30-35 feet.

This distance chart represents an bird's eye view of our different machine options with the snow machines placed indoors at 30 feet from ground with unobstructed air flow. The chart to the right shows the higher the special effect snow machine is placed the further the distance and and wider coverage at 15'- 20'- 25' - 30 feet.

First, all snow machines produce a “cone” of snow which is smallest near the machine and disperses as you get farther away creating a “curtain effect”. The key to coverage in a larger venue (or when you want to make it snow on the audience at a theatre) is not determined as much by the number of machines as it is by the air handler’s circulation in the room itself. Air handlers in arenas and many modern ballroom facilities are designed to re-circulate thousands of cubic feet of air per minute. Experiment with air handler’s currents to circulate snow around the venue.

**OVERHEAD VIEW**

The T-1600  
Snow Machine  
Mounted  
20 feet from ground



The above diagram shows overhead view of coverage of snowfall. The T-1100 snow machine is mounted at 20 feet from the ground. Set level with the ground and no obstruction of airflow or conflicting air streams.

## OVERHEAD VIEW

The T-1500  
Snow Zone Machine



At 0-5 feet  
5 feet wide

At 20 feet  
10 feet wide

At 25 feet  
15 feet wide

At 30 feet  
and beyond  
Stays at  
approximately  
20 feet wide

The above diagram shows overhead view of snowfall coverage. The T-1500 snow machine at ground level with no obstruction of airflow or conflicting air streams.

**Coverage; You need to have machines every 15-20 foot apart for even coverage. A 60 x 30 area with machines at 30 foot would need 4 of these machines T 1000's or T 1100's or T 1600's**

**The T 1500's will shoot 50 foot out, the Mini will shoot 15-18 wide, the MAX with shoot 20 - 25 ft wide With a 60 x 40 area you would need 2 T 1500's machine for this space. The 1500**

can shoot from the ground level at ground level.  
The T 5000 will shoot 80 foot outward and 30ft wide

