

SMI AXIS SNOWTOWER™

The SMI Axis Snowtower™ has a pivoting head that dramatically improves nucleation and nozzle mixing as wind conditions change, thus allowing for more hang time.

Low energy sticks have been successfully used in all snowmaking conditions but have had disadvantages resulting from changing wind directions, especially wind not blowing from behind

the head, and crosswinds. These challenges have prevented optimum hang time from occurring along with inconsistent nucleation and nozzle mixing, and have also resulted in wetter snow piles.

The Axis solves these problems because it is designed with a head that can be rotated into infinite changing positions up or down the slope to better

take advantage of the winds blowing with the gun, thus allowing you to keep making the snow quality and quantity you desire.

Call SMI or your local representative today for more information or visit us at snowmakers.com.





TECHNICAL SPECIFICATIONS

AXIS FLEXIBILITY AND PERFORMANCE

The Axis SnowTower™ is SMI's simple on/off snow stick with a patented pivoting head. It is a cost-effective and simple snow producer best for narrow trail or cat track type slopes. The water and air consumption is configured and customized based on your unique snowmaking conditions.

The Axis is offered in 3 unique configurations: wide trail, standard or narrow trail (single or dual column). Manually adjust (pivot) the head angle to react to changing winds or to change pile locations.

The Axis is typically provided with manual control for both above ground or vaulted setups. The Axis is also offered in automated configurations and can be partnered with SMI's SmartSnow software for remote control via computer or mobile application.

Speak with your SMI representative to discuss which Axis configuration is best for your snowmaking trail.

This low energy air / water stick was developed for low energy hill air applications and features:

- Height options: 1', 14', 20', 25' (.3m, 4.3m, 6m, 7.5m)
- Lightweight Boom and Head Assembly
- Base Tube, Vaulted, Post or Sled Mount Options
- Water nozzles: 2 or 4 nozzles
- Nucleation nozzles: 1 or 2 nozzles
- Air supply: minimum 20 cfm (0.57 m3/min) for hill air
- Boom and head assembly: aluminum
- Tower and base: galvanized steel
- Operating water pressure range: 250-1000 psi (17 - 68 bar)
- Optional on board compressor version available
- Head rotation: full 360 degree rotation at any increment allows you to position head for any wind condition while maximizing nucleation and nozzle mixing with the wind



Standard Trail

Narrow Trail (dual column)

Wide Trail

Narrow Trail (single column)



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