

Silent Storm[®] Confetti Launcher

Operator's Manual



CE



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Introduction



Thank you for taking the time to familiarize yourself with this manual. The Artistry In Motion Silent Storm® is a portable, confetti launching device for use in Touring (T) or Shippable Size (SS) configurations. The Silent Storm® utilizes a large capacity hopper with a high-powered fan to propel confetti out of the barrel in the intended direction, up to 10 minutes or more. We will cover loading, firing, storage, and proper handling of the equipment as well as expectations and best practices. If you need further assistance or have questions not covered herein, please contact us at:

Artistry In Motion, LLC

19411 Londelius Street

Northridge, CA 91324

Telephone: 818.994.7388

Email: confetti@artistryinmotion.com

<https://www.artistryinmotion.com/contact-us/>



Symbols



Warning, possible hazards and care should be taken.



Warning, possible electrical hazards and care should be taken.



Warning, possible hazards do not look into barrel.



Read the manual for more information.



Warning, possible hazards and care should be taken (danger, keep clear)

Disclaimer

⚠ Failure to read and follow this manual may result in injury or death to persons and damage to property. We recommend erring on the side of caution and being vigilant when using special effect devices.

⚠ Wear personal protective equipment including gloves and glasses as needed around energized devices.

⚠ Silent Storm® do not come with installed rigging points. Please have a professional rigger or expert with equivalent knowledge and experience assist with hanging or flying these devices.

⚠ Silent Storm® are electrically powered devices intended for indoor use, care should be taken when used outdoors or when there is a possibility for the device to become wet.



Technical Specifications

Silent Storm®: TOURING (T)

Weight: 152 lbs. / 69 kg

Size: 44in L x 20in W x 45in H

1100mm L x 500mm W x 1125mm H

Power: US - 110 VAC 60 Hz

EU - 230 VAC 50 Hz

Electrical Draw: US - 15.3 Amps / EU - 7.2 Amps

Connector: NEMA 5-15P Connector Standard

(Optional: Bare Wire)

Output Size (ID): Ø8in / 200mm

Recommended Equipment: Electrical Cords / Dimmer Box / Ratchet Straps

Control: Dimmer Box / Light Board / Manual

Shipping Method: Freight Company

Shipping Container: Integrated Road Cases

Type of Confetti: Rectangles, Squares, Die Cuts

Operator Required: No

Maximum Confetti: up to 1 lb. / 0.45kg per minute

Confetti Height: Waterfall Effect

Effects: Continuous Flow / Variable Speed

Truss Mountable: Yes

Custom Installation Available: Yes



Technical Specifications

Silent Storm®: SHIPPABLE SIZE (SS)

Weight: 140 lbs. / 64 kg

Size: 34in L x 20in W x 40in H

850mm L x 500mm W x 1000mm H

Power: US - 110 VAC only

Electrical Draw: US - 9 Amps

Connector: NEMA 5-15P Connector Standard
(Optional: Bare Wire)

Output Size (ID): Ø8in / 200mm

Recommended Equipment: Electrical Cords / Dimmer Box / Ratchet Straps

Control: Dimmer Box / Light Board / Manual

Shipping Method: Freight Company

Shipping Container: Integrated Road Cases

Type of Confetti: Rectangles, Squares, Die Cuts

Operator Required: No

Maximum Confetti: up to 1 lb. / 0.45kg per minute

Confetti Height: Waterfall Effect

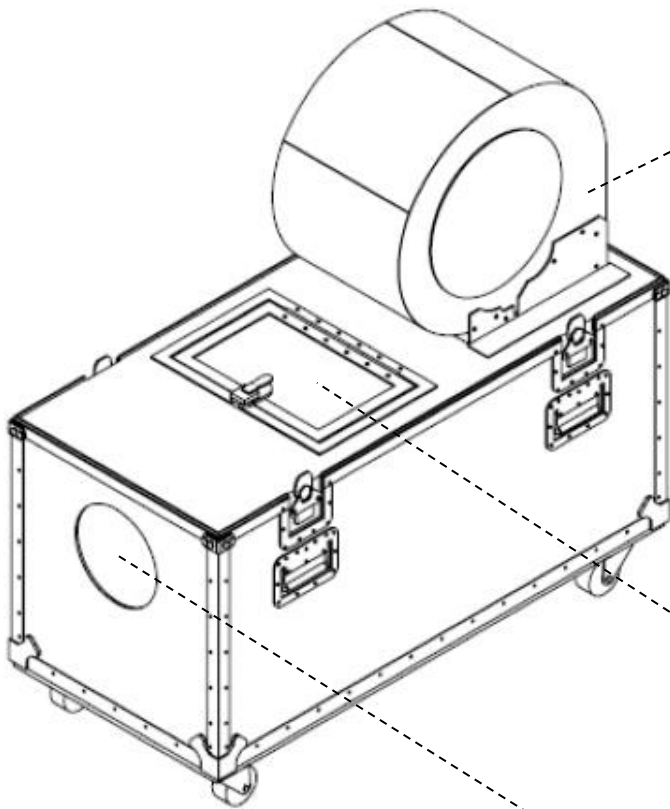
Effects: Continuous Flow / Variable Speed

Truss Mountable: Yes

Custom Installation Available: Yes



Technical Drawings



1) Fan Motor with Power Cable and Identification Label



2) Confetti Hopper



3) Output Barrel



Operating Procedure

- 1) Verify Silent Storm® confetti launcher is in working condition prior to use.
 - a. Hopper lid and latch are operational

 Note: Keep lid closed and latched when operating device

 - b. Output barrel clear of blockage
 - c. Hopper is empty
 - d. Power cables are in good condition with no visible cuts, wires, or damage
 - e. Caster locks are operational, or device is secured by other means
- 2) Verify launcher is not connected to a power source, de-energized or isolated by some other means before continuing
- 3) Confirm hopper is empty by shining a light down the barrel or opening the hopper lid, remove any debris or old confetti before testing system
- 4) Enable launcher or reconnect to control system
- 5) Perform test fire with simulated show conditions by sending power to the motor with control system

 Note: If the hopper is empty, you will hear the motor power up or feel air coming out of the barrel when cued.
- 6) Again, verify launchers are not connected to a power source, de-energized or isolated by some other means before continuing
- 7) Fill Confetti Hopper
 - a. Fluff confetti in hopper or before adding to avoid clumps
 - b. Do not fill hopper above the bottom of the output barrel opening

 Always remove product from plastic bag or another container, firing a sealed bag may become a dangerous projectile

 Always use clean dry confetti, used confetti could contain contaminants or foreign objects
- 8) Close and Latch Hopper Lid

 Note: If the hopper lid is not latched the device may not fire correctly, damage the unit or create a hazardous condition when cued
- 9) After loading is complete, verify device is positioned correctly and secured before enabling the launcher or reconnecting to control system
- 10) As soon as power is sent to the fan motor, the launcher will begin. There is a ramp up period when cued, for full output please allow up to 5 seconds



Recommendations

- Fluffing confetti in the hopper will even out your effect
- Use low speed (30 – 40 %) when launching short distances or for a lighter effect
- Overfilling the hopper can block airflow, reduce output, cause clumps during use, or confetti to appear when not cued
- Complete a test shot to determine back timing needed to get desired cue
- Keep Launcher dry, cover if left outside overnight or in the rain

Maintenance

- Wipe Launcher with soft cloth and mild cleaner to avoid damage to painted surfaces or coatings
- Dry Launcher as soon as possible to avoid unnecessary rust or damage to electrical components

Troubleshooting

- Launcher does not fire:
 - Confirm power cable is connected to dimmer box or lighting system (dimmer box has a switch and led indicator when powered on, adjust speed knob until motor starts to turn, check fuse if LED does not illuminate)
- Launcher output low:
 - Adjust dimmer box speed knob / lighting console setting, confetti in hopper should be dry, free of clumps, and not overfilled
- Launcher coverage area low:
 - Adjust angle of unit / elevate if ground supported or raise trim height if flown



Warranty

The equipment fabricated by Artistry In Motion, LLC (AIM) is warranted to be free of defects in material or workmanship for 1 year from the date of delivery. Equipment sold as "used" is warranted to be free of defects in material or workmanship for 90 days. Warranty does not extend to units subjected to misuse, abuse, neglect or accidental damage, or to units used in violation of manufacturer's operating instructions. Equipment which shows evidence of having been altered, modified or serviced without authorization, or which has had its serial number removed, will be ineligible for service under warranty. Repair, at our option, replacement or return of purchase price, will be made to any unit manufactured by AIM which proves to be defective during the warranty period, provided the unit is properly packed, with all transportation charges prepaid (insured for replacement value) and shipped to AIM at 19411 Londelius Street, Northridge, CA 91324. Warranty repairs to AIM manufactured goods are made without charge to the customer for parts or labor. This warranty extends to the original purchaser and is not transferable. Repair, replacement, or refund, as provided under this warranty, is the exclusive remedy of the customer. This warranty is expressly in lieu of all other warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose. No oral agreement, guarantee, promise, representation or other implied warranty shall be binding.

Certification


EU Declaration of Conformity

Declaration #: 20230910 is issued under the sole responsibility of the manufacturer:
Artistry In Motion, LLC
19411 Londelius Street
Northridge, CA 91324 USA
Tel#: 818-994-7388

Silent Storm® Confetti Launcher with the CE-Mark directives
and standards listed below.

Directives:
Electromagnetic Compatibility (2014/30/EU)
Low-Voltage (2014/35/EU)

Standards:
EMC: EN 61326-1:2021
Electrical Safety: EN 61010-1:2010/A1:2016/C1:2019

This product was tested by an ISO 17025 accredited laboratory.

By  Signature 05/28/2025 Date

Noah Winter
VP Operations
Artistry In Motion, LLC, USA

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