



**TCMFX**

# **STADIUM CANNON II**

**User Manual**  
English

**TCM347**  
Version I

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Januari 2025

## Disclaimer

Thank you for purchasing the Stadium Cannon II.

### WARNING

Read this manual carefully before installing and/or using this the TCMFX Stadium Cannon II.

Failure to follow the instructions in this manual may result in personal injury and/or damage to the product.

### COPYRIGHT

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The Confetti Maker reserves the right to make any changes without direct knowledge of the customer.

Please contact your supplier for additional information regarding maintenance and repair. Please be aware that The Confetti Maker® shall not be held liable by the user for any damages, losses or third party claims arising from any uses of this product.

### TRADEMARKS

All brand names mentioned in this manual are registered trademarks of their respective owners.

### LIABILITY

The Confetti Maker® accepts no liability for claims from third parties arising from unauthorized use, use other than stated in this manual, or use that does not comply with the General Terms and Conditions, as registered with the Chamber of Commerce.

The General Terms and Conditions are available upon request, free of charge. While this manual has been compiled with great care to provide an accurate and complete description of all relevant components, errors or inaccuracies may still occur. If you identify any errors or inaccuracies, we appreciate it if you inform us. Your feedback helps us improve our documentation.

## General Safety

### **WARNING!**

Read the manual carefully before using the Stadium Cannon II.

The Confetti Maker ® is not liable for injury, damage and / or excessive wear resulting from improper maintenance, improper use or modifications to the device.

If you have any questions, issues or problems that do not get discussed in this guide, please tell your supervisor or call/e-mail the technical support from The Confetti Maker®.

Stadium Cannon II and the manual may not be modified without permission of The Confetti Maker®.

In case of damage or problems, always consult The Confetti Maker® as soon as possible.

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## Specifications

<b>Input</b>	Compressed air
<b>Output</b>	Confetti / Streamers
<b>Weight</b>	100 KG
<b>Size</b>	78 x 89 x 82 cm (L x W x H)
<b>Voltage</b>	220/230 AC - 50-60 HZ
<b>Power</b>	20W
<b>Distance</b>	Output max 30 m
<b>Capacity</b>	36,2 L
<b>Max Pressure</b>	8 Bar
<b>Min Temp.</b>	-10 °C
<b>Max Temp.</b>	+80 °C

### IDEAL ENVIRONMENTAL VALUES

<b>Temperature</b>	0 – 45 °C
<b>Humidity</b>	max. 90%

#### Keep away from:

- Dust;
- Corrosive gasses;
- High concentrations of organic gasses;
- Not situated at a vibration source.

**ALWAYS make sure the Stadium Cannon is NOT pressured before transportation.**

## Confetti & Streamers

The Stadium Cannon is developed to shoot Confetti and Streamers in large locations.

- The Stadium Cannon II can be used for firing large amounts of Confetti.
- Firing anything other than Confetti or Streamers is not allowed.
- The supplier is not responsible for the misuse of this device.

### THE FOLLOWING TYPES OF FILLINGS ARE POSSIBLE:

- Slow-fall Confetti: 55 x 17 mm (1 package is 1 KG)
  - Paper Confetti, max. 2 KG
  - Metallic Confetti max. 3 KG
- Streamers 10 m x 1,5 cm (1 package is 32 pcs.)
  - Max. 15 packages
- Streamers 10 m x 5 cm (1 package is 10 pcs.)
  - Max. 12 packages
- Streamers 20m x 5 cm (1 package is 10 pcs.)
  - Max. 8 packages



## Parts

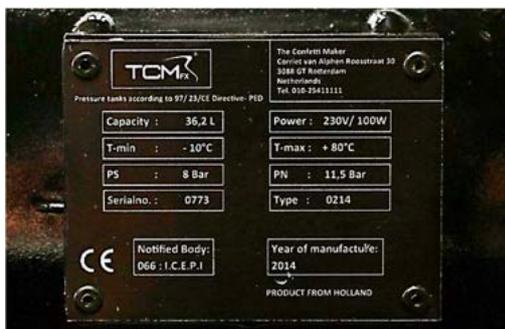
1. Cannon Output
2. Pressure Gauge
3. Tank
4. Swivel Wheel with brake



5. Venting Valve



6. Adjusting Nut



7. Information Label



8. Solenoid Valve

## Accessories

### Link Cable

The function of the loop through cable is supplying multiple devices with a single power socket.

Linking the device should only be done without power. The first Stadium Cannon II is connected to a power socket with the power socket to Powercon cable.

The second Stadium Cannon II is powered with the blue powercon connector on the link cable. The grey side of the link cable connects to the grey connector on the first Stadium Cannon II.



Connect the powercon by plugging the powercon into the connector on the Stadium Cannon II and turning it clockwise until you hear a click sound. Repeat this process for the rest of the Stadium Cannon IIs.



### Power Socket to Powercon Cable

The power socket to Powercon cable is the power cable of the Stadium Cannon II. The power socket side connects to 230V 50-60HZ. The power connector connects to the Stadium Cannon II.

Connect the Powercon by plugging the Powercon into the Stadium Cannon II and turning it clockwise until you hear a click sound.

### TCM FX Control

The TCM FX Control is designed to control multiple TCM products.

Connect the power socket to Powercon cable to the blue connector on the side of the FX Control.

Connect the Stadium Cannon II to the FX-Control with the link cable. Connect the blue side of the cable to the Stadium Cannon II and the grey



side of the cable to the back side of the FX Control.

1. When firing the Stadium Cannon, first turn the key switch to the right to unlock the FX Control panel.
2. Then turn the safety switch to the right so the white dot is pointing ON.
3. When the red fire button is pushed, the machine will activate.
4. Turn the safety switch to the left when the machine is not in use.



To connect multiple FX Control panels, use the loop through cable.

Connect the blue side of the Powercon to the second FX-Control.

Connect the grey side of the loop through cable to the grey connector on the FX-Control.

Both FX-Controllers are now powered.

### **Air Hose**

The air Hose supplies the Stadium Cannon II with compressed air. Connect one side to the compressor. Connect the other side to the Stadium Cannon II.

## Preparation

After removing the packaging, check for any damages to the Stadium Cannon. If so, please make sure to report this to your supplier.

1. Take out the output cannon and make sure it is empty.
2. Once the output cannon is empty, place a lifting core (not included) and ensure that it seals the hole.
3. This way you avoid the confetti from entering the tank.
4. The output cannon can now be filled with your desired type(s) of confetti or streamers.

## Installation

1. Make sure the Stadium Cannon is placed on a smooth surface and the brake is on the wheels.
2. Open the lid and make sure that the tank is not pressured.
3. Take out the Output Cannon and attach it to the tank. Insert the tube into the socket and lower the arms as in the pictures.



4. Make sure that the adjusting knobs are tightened.
5. Make sure all wheels are on the brakes, when the wheels are not on the brakes, the Stadium Cannon may move because of the recoil.
6. Connect a compressor (not included) to the hose connector.



**WARNING! The maximum output pressure is 8 bar.**

8. Fill the tank until the meter indicates 8 bar.

The compressor can now be disconnected if desired. If the meter indicates more than 8 bar, it can be vented through the vent valve.



### CAUTION!

- Always make sure the tank is not pressured when transporting the Stadium Cannon.

- Always place the Stadium Cannon on a smooth surface, beware of recoil when firing.
- Secure the tank of the Stadium Cannon Tightly with the adjusting knobs.
- The tank can hold up to 8 bar, always use a tested and certified compressor.
- The Stadium Cannon should never be left unattended.
- The area around the Stadium Cannon should be free from people and objects.
- The Stadium Cannon must be placed at least 2,5 meters away from the audience.
- Always monitor the pressure. When the pressure is above 8 bar, vent the tank with the vent valve until the pressure is below 8 bar.

## Disassembling the Stadium Cannon

1. Disconnect the air hose from the compressor.
2. Vent the tank with the vent valve.
3. Remove the output cannon and store it in the holder.
4. Make sure everything is in the right place and tightened before place the top of the flight case.
5. The Stadium Cannon is now disassembled and ready for transport.



## Warranty

The Stadium Cannon II has a 5 year warranty which will be void if the Stadium Cannon II is handled differently than described in this manual.

The warranty is void when the Stadium Cannon II has been opened by anyone other than The Confetti Maker.

The Confetti Maker is not responsible for any paint or hardware damaged as a result of rough handling.



**CAUTION!** Always contact your supplier in case of malfunctions.  
 Never try to repair the Stadium Cannon II yourself.



## WARNING!

### **READ THIS DOCUMENT BEFORE INSTALLING OR USING Stadium Cannon II.**

IMPROPER SELECTION, IMPROPER USE, USE BY ANYONE OTHER THAN TRAINED USERS HAVING APPROPRIATE TECHNICAL EXPERTISE OF THE Stadium Cannon II CAN CAUSE DAMAGE TO EQUIPMENT OR PROPERTY.

This document and other information from the Stadium Cannon II , its subsidiaries and authorised distributors together only provide product installation guidelines and product or system usage options, each of which are intended to operate in conjunction with further investigation by trained users having appropriate technical expertise to facilitate the safe handling and use of the Stadium Cannon II.

The Stadium Cannon II is not intended to be used or handled by any users other than trained users having appropriate technical expertise. The information and documentation contained in our catalog and on the website, [www.theconfettimaker.com](http://www.theconfettimaker.com), is only provided for technical illustration purposes only and may not be used or relied upon as a statement of suitability for use in any particular application. Users, through their own analysis and testing, are solely responsible for assuring that the Stadium Cannon II is used in a safe and intended manner with all performance, endurance, maintenance, safety and warning requirements necessary for safe application being met.

# DECLARATION OF CONFORMITY

<u>Declaration of conformity</u>			
Applied conformity assessment procedures		CAT. III Module B + C1	Cert. B: ICEPI09PEDMB022 Cert. C1: ICEPI10PEDC1045 Cert. B: ICEP09PEDMB020 Cert. C1: ICEPI10PEDC1046
Family & Series: Carbon Steel TSP DP 14818R1X0P00BQ P.O. MAIL DT 26/06/13		Notified Body 0066: I.C.E.P.I.	
Applied standards or / and technical specifications		UNI EN 13445-1	
Max working pressure	PS 8barg	Nominal diameter	DN 10"
Working temperature	TS min. -10°C	TS max. +80°C	
Year of manufacturing	2013	Serail number	TSP000800
Complies with the rules of 97/23/CE Directive (PED) and following amendments and/or additions			
The vessel has been pneumatically tested with positive result at a pressure of:			11,5barg
Pressure Test	: 11,5	<b>All Technical Trade Centre b.v.</b> <small>Hoewelakensingel 28                      3077 SR Rotterdam                      Nederland                      tel. 0031 - 64 169 20 31</small>	
Test Time	: 4,3		
Pressurizing fluid	: Filtered Air		

# THE **CONFETTI**MAKER

CONFETTI FOR PROFESSIONALS

## **The Confetti Maker BV**

Florijnstraat 101  
2988 CL - Ridderkerk  
The Netherlands

**E-mail** [info@theconfettimaker.com](mailto:info@theconfettimaker.com)

**Phone** [+31 10 25 41 111](tel:+31102541111)

