

# TCM<sub>FX</sub>

## Stadium Cannon II

### Manual



Article : Stadium Cannon II  
Version : 1.2  
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## Foreword

Thank you for purchasing the Stadium Cannon.

The Confetti Maker is manufacturer of biodegradable, colorfast and fireproof confetti products and special effects.

The products we manufacture are used for various events, such as concerts, opening ceremonies, sporting events and theater show productions. With our products your party is guaranteed to be a great success.

“We create experiences.”

This manual describes the Stadium Cannon.

All information in this manual is important for the safe and proper functioning of the Stadium Cannon.

Please read the manual carefully if you are not familiar with this device.

The Confetti Maker wishes you lots of fun with your purchase!

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No part of this manual may be reproduced or transmitted in any form or by any means including photocopying and recording without the written permission of the copyright holder.

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.

This user manual has been written with care and attention to detail; however, should you find any errors or omissions, please contact your supplier and inform them of your findings.

Please be aware that The Confetti Maker FX® shall not be held liable by the user for any damages, losses or third party claims arising from any uses of this product.

## General Safety

### WARNING!

Read the manual carefully before using the Stadium Cannon.

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®.

The Stadium Cannon 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.

## Introduction

### Using the Stadium Cannon

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

## Specifications

Product Code	: TSP000774
T-min	: -10°C
T-max	: +80°C
Measurements	: 78 x 89 x 82 cm
Weight	: 100Kg
Capacity	: 36,2L
Maximum Pressure	: 8Bar
Voltage	: 220/230 AC
Power	: 100W
Output	: Confetti / Streamers

## Ideal environmental values

Temperature : 0 – 45 °c

Humidity : max. 75%

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.**

## Components

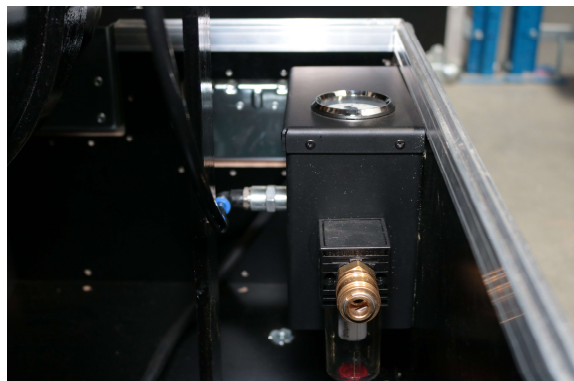
### 1. Output Cannon



### 2. Pressure Gauge



### 3. Compressor Hose Connector



#### 4. Venting Valve



#### 5. Adjusting Nut



#### 6. Information Label



## 7. Solenoid Valve



## 8. Tank



## 9. Swivel Wheel With Brake



## Confetti and Streamers

The Stadium Cannon is developed to shoot Confetti and Streamers in large locations. The following types of filling are possible.

Slow fall Paper or Metallic Confetti 55 x 17MM (1 package is 1kg)

Max. 2Kg Paper Confetti

Max. 3Kg Metallic Confetti

Streamers 10m x 1.5cm (1 package is 32pcs.)

Max. 15 packages

Streamers 10m x 5cm (1 package is 10pcs.)

Max. 12 packages

Streamers 20m x 5cm (1 package is 10pcs.)

Max. 8 packages





## Preparation

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

Take out the Output Cannon and make sure it is empty.

Once the Output Cannon is empty, place a carton lifting core (not included) and ensure that it seals the hole.

This way you avoid the confetti from entering the tank.

The output cannon can now be filled with your desired type(s) of confetti or streamers.

## Installation

Make sure the Stadium Cannon is placed on a smooth surface and the brake is on the wheels.

Open the lid and make sure that the tank is not pressured.

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.

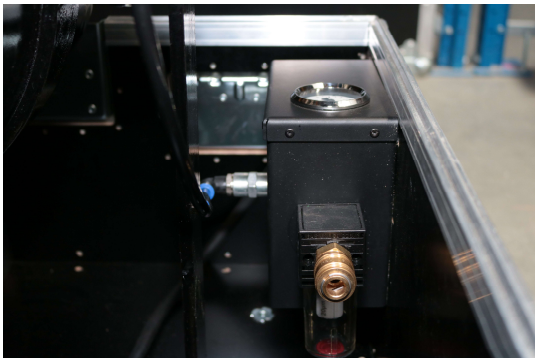


Make sure that the adjusting knobs are tightened.  
Make sure all wheels are on the brakes; when the wheels are not on the brakes, the Stadium Cannon may move because of the recoil.



Connect a compressor (not included) to the compression box.  
**WARNING!** The maximum output pressure is 8 bar.

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 before operating or 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 25 meters away from the audience.
- The Stadium Cannon must never be pressured longer than 8 minutes.
- 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.

## Accessories



### **Loop Through Cable**

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

When firing the Stadium Cannon II first switch the key switch to unlock the panel.

Switch the safety switch to the right so the white dot is pointing upwards. When the red fire button is pushed, the Stadium Cannon II will activate. Turn the safety switch to the left when the Stadium Cannon II 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.



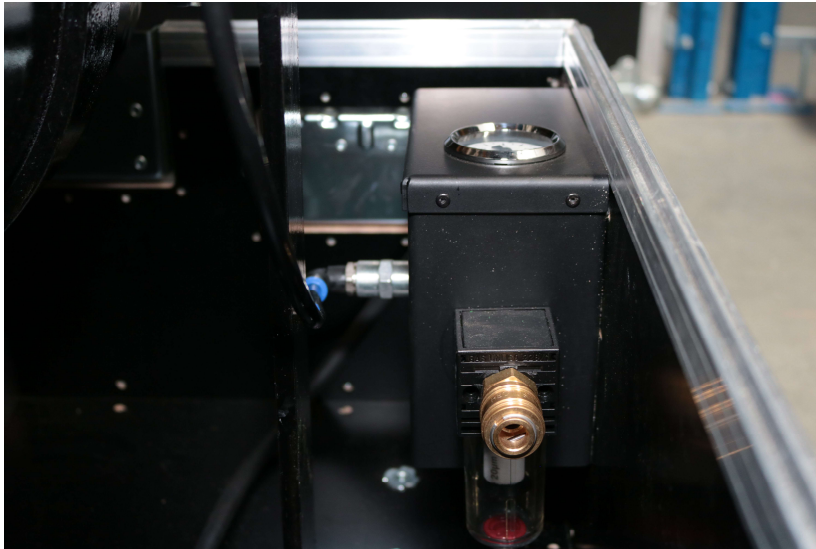
### **Air Hose**

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.

## 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 3 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 THE STADIUM CANNON  
IMPROPER SELECTION, IMPROPER USE, USE BY ANYONE OTHER THAN TRAINED  
USERS HAVING APPROPRIATE TECHNICAL EXPERTISE OF THE STADIUM CANNON  
CAN CAUSE DAMAGE TO EQUIPMENT OR PROPERTY.

This document and other information from the Stadium Cannon, its subsidiaries and authorized 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. The Stadium Cannon 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 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**

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>Hoerelakensingel 26          3077 SR Rotterdam          Nederland          tel. 0031 - 64 169 20 31</small>	
Test Time	: 4,3		
Pressurizing fluid	: Filtered Air		

