

**Stadium Cannon**

Product Code : TSP000773

Version : 1.1

Date: 15-01-14



## **Foreword**

Thank you for ordering the Stadium Cannon!  
The Confetti Maker is a manufacturer of biodegradable, colorfast and fireproof confetti products and special effects.

Our house developed products are used for various events, such as concerts, opening ceremonies, sporting events as well as theater and show productions. With our products, you can be guaranteed your event turns into a spectacle.

### **“We create experiences.”**

This manual describes the Stadium Cannon.  
All information in this manual is indicated important in order to be safe and well to function with the device.  
It is best to read the instructions in this manual carefully and thoroughly from beginning to end if you are not familiar with the operation of this product.

The Confetti Maker advises that all new users will comply with the instructions given in this manual. Keep the original of this manual including attachments in a safe place, another copy or copies of this manual can be kept close near the machine.

If you are already familiar with using the Stadium Cannon you can use this guide as a reference.

The Confetti Maker wishes you enjoy using your purchase!

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*All rights reserved. No part of this manual may be reproduced or transmitted in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of The Confetti Maker.*

*The Confetti Maker reserves the right to be allowed to, without direct knowledge of the customer, make changes at any time.*

*Please contact the technical department of your supplier for additional information regarding, for example maintenance and repair. This user manual has been written with the utmost care. The Confetti Maker shall not be liable for errors contained in this manual or for the consequences resulting from it.*

ENGLISH

## **1. General Safety**

Below is the general safety data.

With every instruction there are specific safety requirements stated.

### **Before you get started**

**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 / email 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.

## **2. Introduction**

### **Usage of the Stadium Cannon**

The Stadium Cannon is driven by an air tank system which can be used for the firing of large numbers of confetti / streamers of The Confetti Maker. Firing projectiles other than confetti / streamers are not suitable for the Stadium Cannon. The supplier is not responsible if it is used incorrectly nevertheless.

## 2.2 Specifications

<b>Product code:</b>	TSP000773
<b>Measurements:</b>	77, 5 cm x 58, 5 cm x 81, 5 cm Length Cannon 65 cm Ø 110 mm
<b>Weight:</b>	86, 7 Kg
<b>Capacity Tank:</b>	36, 2 L
<b>Maximum Pressure:</b>	8 Bar
<b>Voltage:</b>	230 V/ 50-60 Hz
<b>Power:</b>	100 W
<b>Output:</b>	Confetti / Streamers



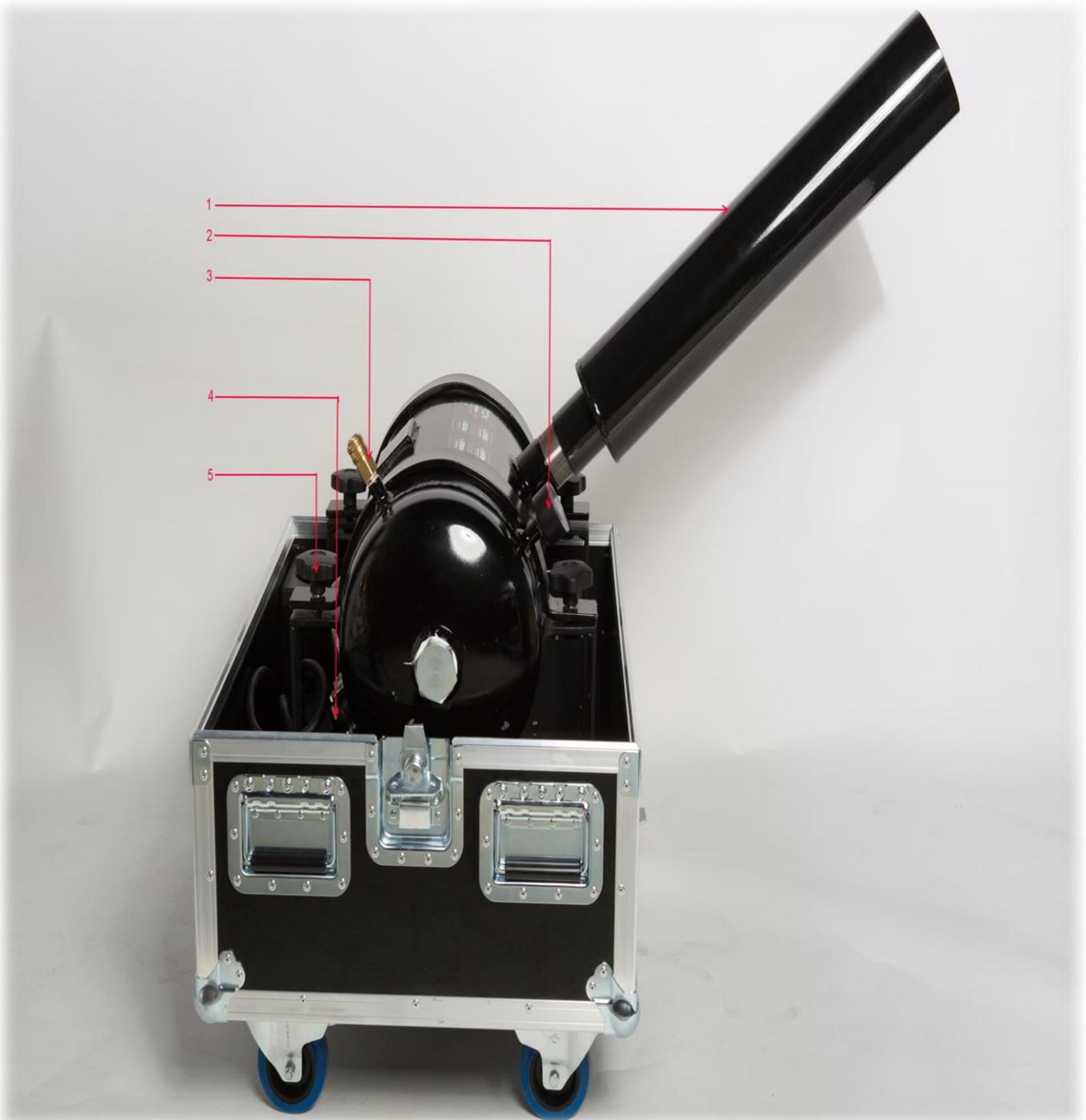
### **The Stadium Cannon operates in an environment that:**

- Has temperature of between 0 and 45 ° C.
- Has a moisture content of 75%
- Is free from dust, corrosive gases, and high concentration of organic vapors.
- Is not in the vicinity of a vibration source.

Note that the Stadium Cannon is never transported when still filled with pressure. Ensure to always check if there is no pressure left in the tank. When these conditions are met, the Stadium Cannon is safe for transport.

### 3. Components

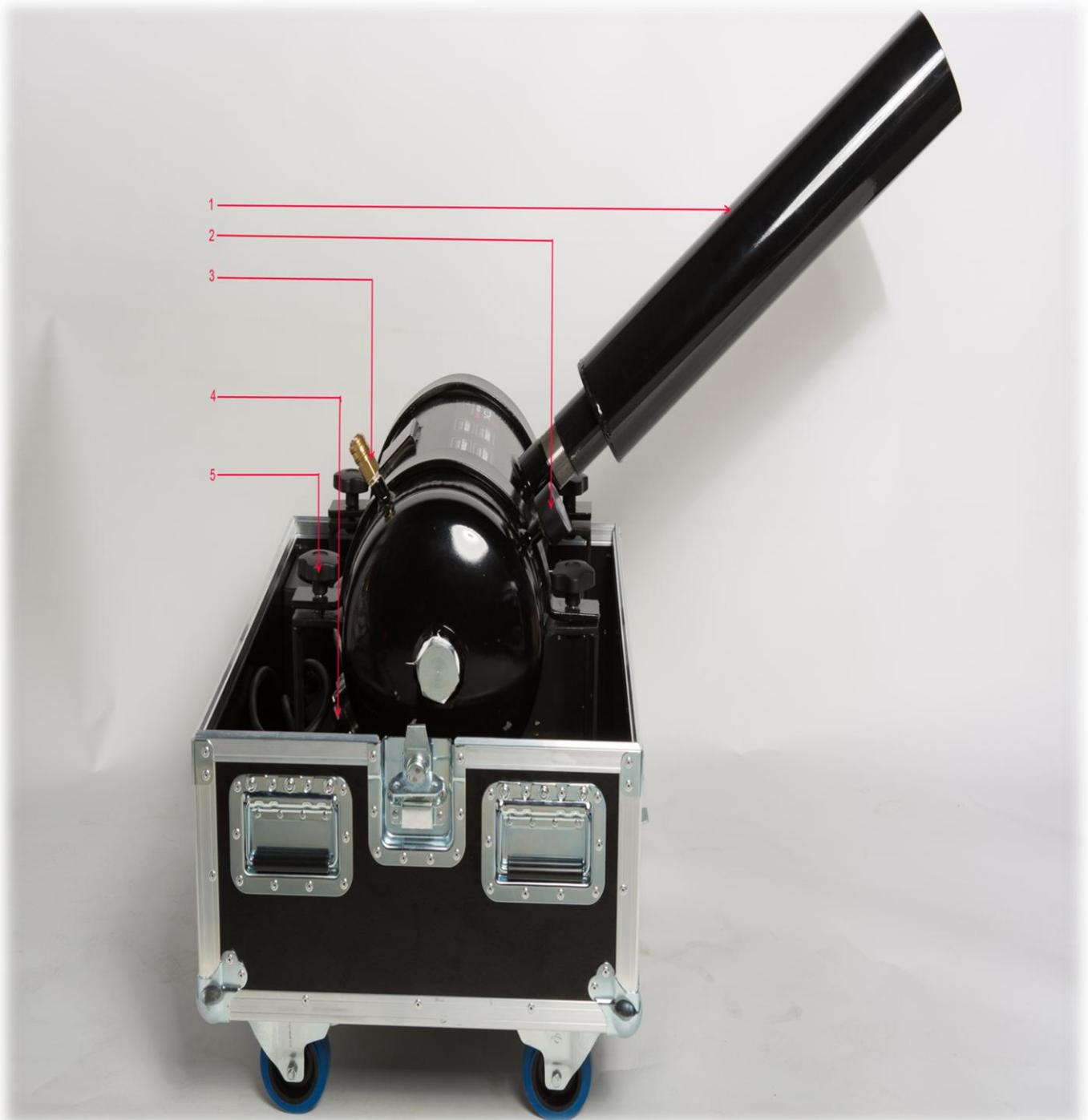
Below are the different components of what the Cannon Stadium consists.



1. **Output Cannon**
2. **Pressure gauge**
3. **Clutch Hose Compressor**
4. **Venting valve**
5. **Locking nut**

### 3.2 Components

Below are the different components of what the Cannon Stadium consists.



- 6. Plate with information
- 7. Flight case
- 8. Electric solenoid valve
- 9. Tank
- 10. Castor wheel with brakes

#### 4. Confetti and Streamers

The Stadium Cannon is a specially developed Confetti and Streamer Cannon for use at large sites.

The Stadium Cannon is designed to fire Confetti and Streamers as easy and safe as possible.



**The Stadium Cannon can fire the following projectiles:**

Slowfall confetti paper or metallic 55x17mm (1 bag is 1kg)

Streamers, 10 meter (1, 5 cm wide) in bags (32st.)

Streamers, 10 meter (5cm wide) in bags (10st.)

Stadium Streamers, 20 meter (5cm wide) in bags (10st.)

Maximum 2kg Paper or  
3kg Metallic

Maximum 15 bags

Maximum 12 bags

Maximum 8 bags



## 5. Installing

### Preparations

After removing the packaging check if the Stadium Cannon is not damaged. If so, be sure to report it immediately to The Confetti Maker.

Take the Cannon and make sure it is empty. Once the Cannon is empty you can place a carton lifting core (not included) and ensure that it seals the hole, this way you avoid the confetti from entering the tank. Now the Cannon can be filled with your desired type(s) and color(s) confetti / streamers.

### Installation

Ensure that the Stadium Cannon is placed on a smooth surface and the brakes are placed on the wheels. Open the lid and check that there is no pressure in the tank.



Take the Cannon from the holder and attach it to the screw-thread. Make sure you keep twisting it till it is locked! You can now set your desired direction of the cannon.



Check if the tank is secured tightly, if that is not the case then tighten it by twisting the two mounting knobs until the tank is secured. Check again if it is secured tightly. Place the brakes on all 4 wheels in order for the Stadium Cannon to remain stable; this is crucial because the recoil from a shot could make the Stadium Cannon move from its place.



Connect a compressor with a hose to the tank of the Stadium Cannon, Warning! The Maximum output pressure is 8 bars. (Compressor is not included)



Connect a compressor with a hose to the tank of the Stadium Cannon. Fill the tank with pressure until the pressure gauge indicates it has reached 8 bars. You can now disengage the compressor if necessary. Remember to always check the pressure gauge! If it is above 8 bars, you can always vent through the vent valve.

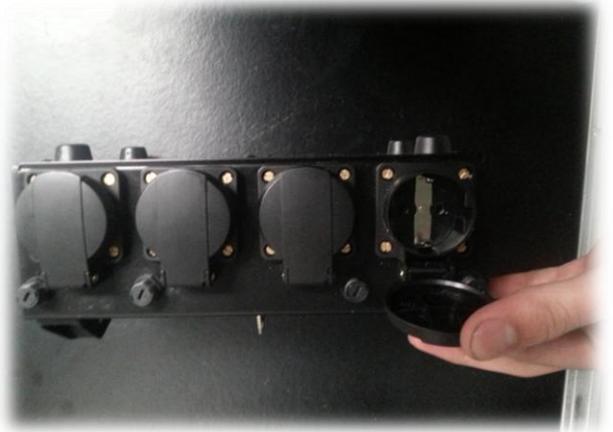


#### **Some points that should be taken in consideration!**

- **Always check before operating the Stadium Cannon that there is no pressure left.**
- **Always have a smooth surface, beware of recoil when firing! So make sure all four wheels are clamped.**
- **Secure the tank of the Stadium Cannon tightly with the mounting knobs.**
- **The tank can hold up to 8 bar so use a tested and certified compressor.**
- **The Stadium Cannon should never be left unattended.**
- **The area around the Stadium Cannon should be free of people and objects.**
- **The Stadium Cannon should be placed at a safe distance from the audience (at least 25 meters).**
- **The Stadium Cannon should never be under pressure longer than 8 minutes.**
- **Because the pressure in the tank from the Stage Cannon could vary, keep the pressure level checked. If the pressure is above 8 bar then make direct use of the vent valve until the pressure is back under the 8 bar.**

## Firing the Stadium Cannon

Before firing the Stadium Cannon make sure your extension cord / switch is turned off. The Stadium Cannon operates with a current of 220V.



After you put the plug into the socket of the extension cord / switch you can press the ON button, when the shot is fired turn it OFF right again.



## Dismantling the Stadium Cannon

Start by disconnecting the air hose and dismount the compressor properly. Proceed to check if there is no pressure left in the tank of the Stadium Cannon, if there still is some pressure left then open the venting valve and remove the remaining pressure.

Remove the cannon of the Stadium Cannon and store it in the holder. Store the emergency stop, power cable and switch in the flight case.



Ensure that everything is complete and in place before placing the lid. The Stadium Cannon is now disabled and transportable.

## **Warranty**

De Stadium Cannon comes with a warranty of 3 years.

The warranty is void if the Stadium Cannon is used for improper purposes or applications that are not mentioned in the manual. If adjustments are made to the Stadium Cannon without permission, the warranty also expires.

## 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	TSP000773
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		
Test Time	: 4,3		
Pressurizing fluid	: Filtered Air		
<b>All Technical Trade Centre b.v.</b> Hoevelakensingel 26 3077 SR Rotterdam Nederland tel. 0031 - 64 169 20 31			

