



# Technical Datasheet

## Small Master Blaster

The Small Master Blaster is the smallest of 3. It is a CO<sub>2</sub> powered confetti blower that fires up to 6m.

### Specifications:

Equipment Size:  
89 x 75 x 26 cm

Equipment Weight: 17kg

Shipping Type: Self  
contained flight case

Shipping Size:  
80 x 46 x 26cm

Shipping Weight: 26kg

Noise: 95db at 3m

Additional requirements:  
Confetti, 2x9kg CO<sub>2</sub>  
liquid offtake cylinders  
(40LB) Cylinder  
connection thread: RH  
0.860 in x 14 TPI male

Suggested for set up:  
1 person

Duration of effect:  
15 to 20 seconds  
Approx. height of effect:  
6 metres

Notes:  
Suggested quantity of  
Confetti: 2kgs.

### How to set up and use the Small Master Blaster

1. Position the machine on level ground and secure the brakes.
2. Lift the horn from inside the flight case and secure it to the main body using the bars (fig.2) and lock pins (fig.3), then set to the required firing angle.
3. Ensure the ball valve handle on the hose is in the 'closed' position (fig.6).
4. Attach the hose to the CO<sub>2</sub> bottles, remembering to use the washer provided for the connection. The washers will be attached to the reverse side of the filling hopper with adhesive tape.
5. Secure the bottles to a strong fixture using a load strap or rope to stop them falling over during the effect.
6. Briefly turn 'on' and 'off' the CO<sub>2</sub> bottle to check for leaks at the bottle connection.
7. Place a small quantity (a few handfuls) of confetti in the hopper of the machine.
8. No more than 5 seconds before the event cue, turn the CO<sub>2</sub> bottles 'on'
9. On the cue open the ball valve (fig.5) and steadily feed confetti into the hopper (fig.4). Be aware that the machine may push backwards when in use.
10. Once the cue has finished immediately turn the ball valve to the 'closed' position (fig.6).
11. Turn off the CO<sub>2</sub> bottles.
12. Before attempting to disconnect the hoses, depressurise the system by ensuring the CO<sub>2</sub> bottles are turned off then slowly open the ball valve to release pressure left in the hose.



Fig 1. Master Blaster Setup



Fig 2. Horn Bar



Fig 3. Locking Pin



Fig 4. Loading Hopper



Fig 1. Valve Open



# Technical Datasheet

## Small Master Blaster

### Specifications:

Equipment Size:  
89 x 75 x 26 cm

Equipment Weight: 17kg

Shipping Type: Self  
contained flight case

Shipping Size:  
80 x 46 x 26cm

Shipping Weight: 26kg

Noise: 95db at 3m

Additional requirements:  
Confetti, 2x9kg CO<sup>2</sup>  
liquid offtake cylinders  
(40LB) Cylinder  
connection thread: RH  
0.860 in x 14 TPI male

Suggested for set up:  
1 person

Duration of effect:  
15 to 20 seconds  
Approx. height of effect:  
6 metres

Notes:  
Suggested quantity of  
Confetti: 2kgs.

13. Disconnect the hose from the bottles, ensure all the washers are removed and stuck to the adhesive tape.

**14. Do not disconnect the hoses from the horn.**

15. Remove the pin and bar that locks the horn in place, put the pin back into the bar and place the bar and horn back into the case.

16. Store the hose in the hopper ready for transportation.



Fig 1. Valve Closed

### Hints/Tips/Safety:

- Wear gloves when handling frosted metal; CO<sub>2</sub> can burn when not handled correctly.
- A white plume of gas is normal; it means the machine is working correctly.
- Noise is created by the CO<sub>2</sub> venting through the hose; this is normal.
- Ensure nothing loose is nearby; anything that gets sucked into the back of the machine will come out at high speed.
- Be aware of wind direction and allow plenty of space when operating.
- The machine is supplied with two bottle connections as standard; if required they can be modified to use on one connection, however this will shorten the duration of the effect.
- For maximum effect we advise that two 9 kilo liquid withdrawal bottles are used.
- The case lid can be used as a table for holding confetti or items used during the effect.
- Place the confetti in a box rather than a bag for easier loading when the machine is turned on