



# Technical Datasheet

## T Shirt Launcher

The T Shirt launcher will fire rolled t-shirts or soft toys towards an audience.

### Specifications:

Size: 25 x 66 x 9cm

Shipping size:

45 x 114 x 23cm

Equipment weight:

3.5kg

Shipping weight: 15kg

Voltage: N/A

Power connector:

N/A

Peak amps drawn: N/A

Decibels: 96db

Water supply: N/A

Air connector: N/A

HV colour: N/A

Additional requirements:

T-Shirts, soft toys or soft items to fire.

Liquid CO<sup>2</sup> withdrawal tank with siphon/dip tube

Suggested for set up:

1 person

Distance of shot:

Up to 35 mtrs,

depending on projectile type and weather

### How to set up and fire a T-Shirt Launcher

1. Fill the launcher CO<sup>2</sup> bottle by connecting the filling hose to a bulk CO<sup>2</sup> supply bottle. Ensure the washer is in place and don't over tighten.
2. Connect the hose to the 20oz launcher bottle and screw down the gold cap (fig.2).
3. Place the 20oz bottle with the hose attached onto the weighing scales and reset them to zero; this means you will only weigh the CO<sup>2</sup>. Use the lbs and oz setting on the scales, not kilos and grams.
4. Turn the bulk supply tank lever to the 'on' position (fig.3) and fill the 20oz bottle until the scales read 17oz, turn off the supply.
5. In humid conditions it may be advisable to then open the blue lever valve and bleed the 20oz tank until it is empty, then repeat steps 3 and 4. This will chill the bottle and increase the capacity. Without chilling, the launcher bottle may only fill to around 8oz.
6. Unscrew the gold cap until the pressure is eliminated; this allow the bottle to be unscrewed. Remove the 20oz bottle.
7. Remove the filling hose from the bulk supply bottle by slowly opening the blue lever, releasing pressure, then remove the hose.
8. Attach the 20oz bottle to the handle of the gun by screwing it on, ensuring the yellow lever is in the 'closed' position (fig.4).
9. Add the taped, rolled t-shirt to the barrel.
10. Charge the gun to fire by opening the yellow lever (fig.5) and filling to the required pressure. Determine this pressure with test shots before your event. Do not exceed 300 psi
11. Once the desired pressure is reached close the yellow lever (fig.4).
12. You are now ready to fire (fig.6).



Fig.1 T-shirt launcher



Fig.2 Gold screw filling cap

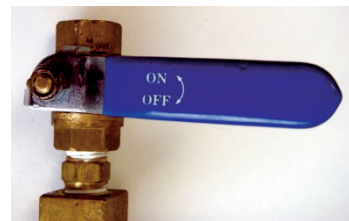


Fig.3 Bulk supply tank lever in 'off' position



Fig.4 Yellow filling lever on launcher in the 'closed' position



Fig.5 Yellow filling lever in 'open' position

### Hints and tips

- Do not exceed 300 psi
- Do not aim directly at people.
- Long sleeved shirts are recommended for the operator as the bottle will get very cold.
- Ear protection is also recommended for the operator.
- The tighter a t-shirt fits in the gun, the better the effect will be and it will travel further.
- Only use a liquid withdrawal bulk supply tank with a siphon tube



Fig.6 T-shirt launcher ready to fire

### How to roll a t-shirt



Lay your t-shirt down flat and smooth



Fold in half and rotate 90°



Fold in the arms



Fold in half again



Starting at the neck, roll the t-shirt tightly



Test how well it fits in the barrel; a snug fit works best



Secure the roll with tape, balloons, elastic bands etc



Load into the launcher barrel