



MultiDropper

INSTRUCTION MANUAL

PLEASE READ BEFORE USE

Set-up (Scenery) Ltd

Malton Workshops,
Malton Lane,
Meldreth,
Hertfordshire
SG8 6PE

+44 (0) 1763 262 323
info@setupscenery.com

INTRODUCTION

This machine is designed to drop lightweight confetti-type medium from above performance spaces to create falling effects e.g. snow, leaves, petals, confetti, feathers... They have also been used to drop rice and small plastic beads to create rain and hail effects. By interchanging the rotating tube, different hole sizes allow different mediums to fall effectively and evenly. The speed of the rotation is controlled by DMX, which will affect the flow of medium.

There is a fabric blind under the drum to catch any stray medium that may fall out while the drum is not rotating. This medium will get rolled up into the blind, so will need clearing out occasionally.

DROPPING MEDIUM

Any lightweight confetti-type material can be dropped with the machine, provided it fits through the holes. Some trial and error may be required to find the best hole size, but we find:

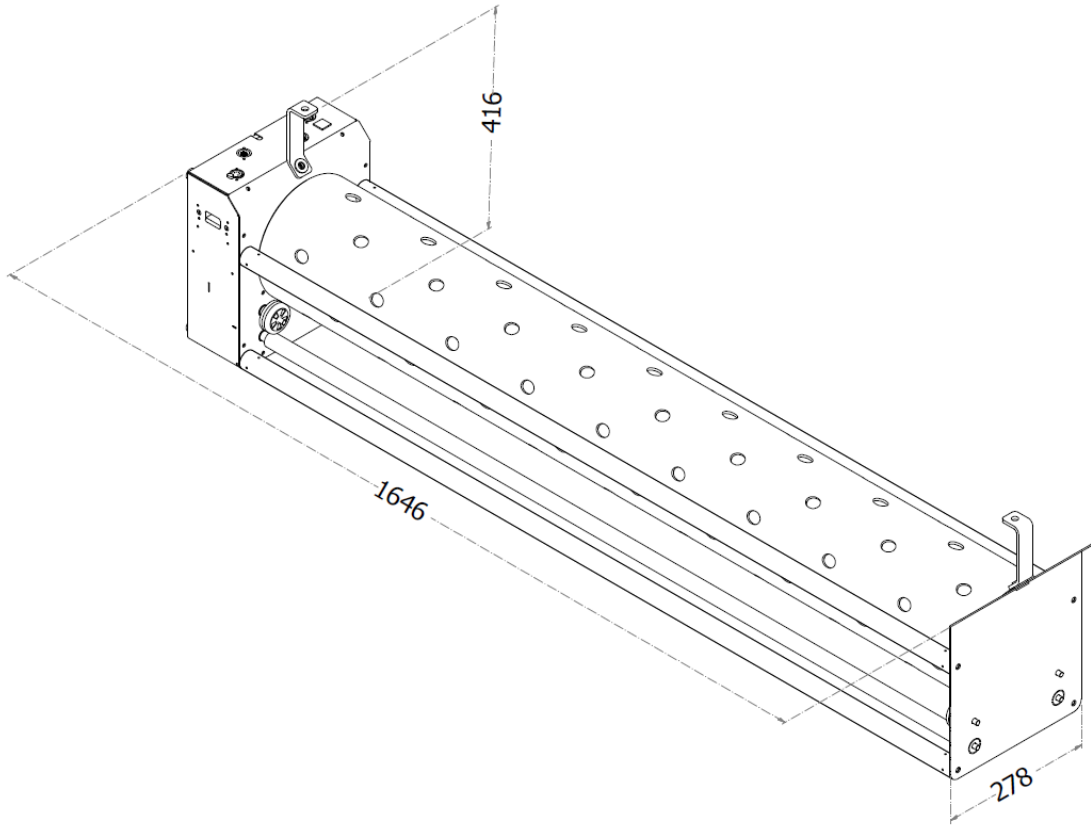
- 20mm for slow gentle snow fall.
- 25mm for normal snow fall.
- 35mm for petals or confetti.
- Up to 75mm holes for leaves or feathers.
- 8 x 16mm oval holes for rice.

The speed of the machine has been carefully geared so that the best range of fall is available.

HANGING	<p>After opening the box, unfold the two hanging arms by rotating them around the fixing bolt. Hang the machine on a flying bar; the 'Twenty clamp' will fit on a 48-51mm diameter bar. Alternatively, the clamp can be removed and an eye-bolt fitted. Use the attached safety bond around the bar for extra security.</p>
FILLING	<p>Lift out the cardboard tube, remove one end-cap and $\frac{3}{4}$ fill the tube with medium. Trial and error might show that you can put in more medium for a long slow effect, but on faster effects over filling the tube won't allow enough space for the medium to flow and tumble. Some medium will fall out when filling, so best to do this on a plastic sheet. Carefully drop the tube back into the machine to avoid spilling too much medium.</p>
CONNECTION	<p>Connect mains power into the machine via the blue Powercon connector and, if required, link out to the next machine via the white Powercon connector.</p> <p>Connect a DMX signal via the 5pin XLR socket and again, if required, link to the next machine via the XLR plug.</p> <ul style="list-style-type: none"> • Red LED indicates power is connected. • Green LED indicates signal is present. <p>When powered up, the green LED will flash slowly for 5 seconds while the power supply settles down. The blind may then open and close to complete the setup procedure.</p>
CONTROL - DMX	<p>Select the desired DMX address with the up/down buttons on the side of the machine.</p> <p>Fade up the channel control.</p> <ul style="list-style-type: none"> • When 2% is reached, the blind will open and retain any fallen medium. • When 5% is reached the drum will start to rotate. <p><i>Note - This option gives you the ability to open the blind before the effect is required if noise levels are an issue. For example, if the effect is required at a very quiet moment, opening the shutters early or out of sync will reduce noise.</i></p> <p>Continue to fade up the channel till the desired effect is achieved. The channel can be continuously altered, or machines controlled on different channels to create uneven effects.</p>
TROUBLE SHOOTING	<p>If for any reason the blind has missed its end-stop and either opened or closed too far, switch off the power. Then, when you switch the power on, press the left (Up) button within the 5 second start-up period. The green LED should now flash rapidly, you are in reset mode. Use the Up/Down buttons to move the blind to a half open/half closed position. Switch the power off till the LED go off, then power on and the blind will reset after the 5 second start-up.</p>

SPECIFICATION

Power	50W
Voltage	100-240V
Frequency	50/60Hz
Power Connection	Powercon In/Out
Data Connection	XLR 5pin In/Out
Standard Machine	
Length	1646mm
Width	278mm
Height	416mm
Weight (<i>Unloaded</i>)	12kg



STANDARD MACHINE

Set-up (Scenery) Ltd

Malton Workshops,
Malton Lane,
Meldreth,
Hertfordshire
SG8 6PE

+44 (0) 1763 262 323
info@setupscenery.com