

The Regent Theatre counterweight system can only be operated by trained and venue authorised personnel. Non approved operation carries serious consequences and may disrupt your time in the venue.

A methodology outlining changes to the counterweight system and "House Rig" use must be approved. This will include a list of equipment and weight thereof intended to be suspended from each Batten. The methodology statement will include detailed safety precautions to be undertaken during all rigging manoeuvres.

Please be aware that attempting to operate this counterweight system outside these requirements and without authorisation has serious consequences.

This flying System here at the Regent is engineered with a safety factor of **6:1 and must be used in accordance to manufactures specifications below.**

Line set spacing =180mm centres

Battens are 75 x 50 mm RHS and the length = 19.600m

Maximum distributed load on each batten = 500 kg

Maximum point load = 250 kg

Maximum Panorama bars distributed load = 400 kg

Maximum Panorama bars point load = 200 kg

Maximum out of balance load on rope lock = 60 kg

Empty batten weight = 65 kg

Maximum stage depth, back of proscenium to back wall = 13.500m Height under fly floors = 7.800m

Batten out-dead = 21.635m (top of batten)
Batten in-dead = 1.3m (top of batten)

 $\begin{array}{ll} \text{Maximum drift} & = 20.335 \text{m} \\ \text{Stage floor to underside of grid} & = 21.780 \text{m} \\ \text{Width between fly floors} & = 22.200 \text{m} \\ \text{Total Stage width} & = 25.600 \text{m} \\ \end{array}$

Proscenium dimensions; width = 12.450m

Height = 7.880m (centre of proscenium opening)

Front of permanent stage to setting line = 660mm

Maximum supplied weight is 21050 Kg

This is evenly distributed between 2 fly floors and the loading floor.

Prior to any system changes a clear understanding and methodology must be discussed with the venue Management

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	260	Onstage OF Pail Dal		3 A laddel3	43
OP2	200	Offstage OP pan bar		+	
	620	Onstage Of pair bal		+	_
PS1		Onstage PS pan bar		3 x ladders	45
PS2		Offstage PS pan bar			+

^{*}Denotes a 360mm gap in proceeding measurement for structural truss *