

SPECIFICATION

SECTION 11610 – THEATRE AND STAGE EQUIPMENT 116133 – RIGGING SYSTEMS AND CONTROLS

PART 2: PRODUCTS

2.01 COUNTERWEIGHT ARBOR

- A. Counterweight arbor shall be a Front Loading Brickhouse Series arbor as manufactured or supplied by Thern Stage Equipment of Winona, Minnesota. Only products meeting or exceeding these specifications shall be accepted as alternates.
- B. The arbor shall be a front loading type. Side loading arbors are not acceptable.
- C. The arbor shall restrain the counterweight bricks on three sides. Arbors that do not restrain the counterweight bricks are not acceptable.
- D. The arbor shall have a spring activated self-closing lock bar to prevent bricks from sliding out the front of the arbor. The lock bar shall engage and lock in the slot or indentation at the front of the counterweight bricks in the event the bricks slide forward in the arbor.
- E. The arbor shall have shelves fixed in place no more than 24 inches apart. Arbors requiring spreader plates are not acceptable. Arbors without shelves are not acceptable.
- F. The arbor shelves shall impose an angle on the counterweight bricks causing them to be slanted toward the back of the arbor.
- G. The arbor shall not have bolt heads, bolt shanks or nuts protruding from the sides of the arbor.
- H. The arbor shall be either single purchase or double purchase.
 - 1. If single purchase, the top of the arbor shall have tie off points for up to 10 loft lines and for one $\frac{3}{4}$ inch hand line.
 - 2. If double purchase, the arbor shall accommodate a double purchase block on both the top and bottom of the arbor. The sheave of the top block shall have 8 grooves for $\frac{3}{16}$ or $\frac{1}{4}$ inch wire rope, 4 on each side of a center groove which shall be sized to accept $\frac{3}{4}$ inch hand line. The sheave of the bottom block shall have a single groove for a $\frac{3}{4}$ inch hand line.
- I. The arbor shall be sized to accommodate enough counterweights to balance the pipe batten and related equipment when the batten is carrying its rated gross capacity as indicated in the Rigging Schedule.
- J. The arbor shall be designed in such a way that two or more arbors can be bolted together and operated as a single arbor, with each arbor carrying full compartments of counterweight bricks.