

Concertina Specifications

Part 1-General.

1.01 Description of the System

- A. The folding stage system shall be comprised of a multiplicity of connected and hinged elevated flooring designed to store in minimal floor space when not in use.
- B. The staging shall be operable on the folding scissors principle.
- C. The operative system shall provide automatic jackknife locks securing each structural element against accidental folding.
- D. Each staging shall be comprised of pre-assembled structural components and complete pre-finished flooring and fascia package.

1.02 Quality Assurance

A DEVIATION

1. It will be the responsibility of the bidder to furnish with his bid a list and clarification of deviations from these specifications.

B. WARRANTY

1. The manufacturer shall warranty all work performed under these specifications to be free from defects for a period of one year from installation.

C. PRODUCT IMPROVEMENTS

1. Stage provided shall incorporate manufacturer's design improvements and materials current at time of shipment.

1.03 Submittals.

- A. Manufacturer's installation instructions.
- B. Manufacturer's descriptive literature, and instructions for operation and maintenance.
- C. The successful supplier must submit a written warranty to the owner upon completion

1.04 Design Criteria.

- A. The stage system shall be designed to support and resist, in addition to its own weight:
 1. A live load of 150 lbs. Per square foot.
 2. A sway load equivalent to 15 lbs. Per square foot of horizontal projection.
- B. Railings, posts and sockets shall be designed to withstand a force of 25 pounds per foot acting outward a the top rail.

Part 2-Products

2.01 Materials

- A. Folding stage system as manufactured by Hussey Seating Company, North Berwick, Maine
- B. Model: Concertina Folding Stage.
- C. Type: _____
Select 2.01 .C (Wall-Attached/Portable)
- D. Quantity: _____
1.0 _____ Stage Units
- E. Dimensions:

1. _____ Open Height
2. _____ Closed Height
3. _____ Closed Dimension
4. _____ Open Dimension

- F. Propulsion: Manual
- G. Accessories:

Select (Front Railing/Side Railing/Rear Railing/Access Stairs/Portable Dollies/ Handicapped accessible Ramp)

2.02 Fabrication

- A. Understructure shall be completely factory assembled in proper alignment fixtures.
- B. Rolling members shall be supported, at all times, on non-marring rubber directionally fixed soft face wheels (swivel-wheels not acceptable) of not less than 3" (7.6cm) diameter. Wheels shall be fitted with permanently lubricated sintered iron bearing and 3/8" (1cm) diameter axle.
- C. Intermediate (folding) posts shall bear directly upon the floor in the use position and shall be fitted with a generous non-marring protective rubber foot.
- D. All decking and fascia shall be kiln dried, end fingerjoined only and solid Southern Hard Pine, Grade B & B in conformity with the Southern Pine

- Inspection Bureau (SPIB) Grading Rules with a clear urethane finish.
- E. All lumber shall be 4/4" (nominal) thickness with spans between supports not to exceed 36" (91 cm).
- F. All decking shall be flush riveted in place.
- G. All welds shall be made at the factory by welders that are certified on the equipment and process used.

H. Finish

1. Steel: For rust resistance, steel understructure shall be finished on all surfaces with a standard understructured color
2. Wood: All wood to have exposed edges, ends and corners eased or rounded with all surfaces triple sanded to a smooth finish. All surfaces shall receive a sealer coat with use surfaces to receive high gloss clear urethane finish.

Part 3-Execution

3.01 Installation.

- A. Verify that area(s) to receive folding stage(s) are free of impediments interfering with installation.
- B. Install folding stage(s) in accordance with manufacturer's instructions and approved submittal drawings.

CONCERTINA NOMINAL DIMENSIONS

Depth			
Open		Closed	
10'6"	320cm	2'6"	76 cm
12'10"	391cm	2'10"	86 cm
15'2"	462cm	3'2"	97 cm
17'6"	533cm	3'6"	107 cm
19'10"	605cm	3'10"	117 cm
Height			
Open		Closed	
18"	46 cm	2' 7 1/4"	79cm
24"	61cm	3' 11/4"	95cm
Standard Widths			
8'			244 cm
10'			305 cm
12'			366 cm
14'			427 cm
16'			488 cm

Individual stages can be grouped to create larger systems.