

STEEL FRAME PRESS BOX SPECIFICATIONS

SECTION 13126

PART 1 – GENERAL

1.01 System Description

- A. Provide labor, materials, equipment and supervision necessary to complete the construction of a prefabricated press box.

1.02 Quality Assurance

- A. Manufacturer Qualifications: Company specializing in modular building construction with a minimum of five years experience in manufacturing press boxes.
- B. Construction shall comply with the latest edition of the International Building Codes. The owner shall supply manufacturer with state and/or local variations from the IBC code requirements.

1.03 Submittals

- A. Manufacturer's Product Data: Submit manufacturer's descriptive product data for project.
- B. Shop Drawings: Manufacturer to submit shop drawings sealed by a licensed professional engineer indicating floor plan, elevations and section through press box.
- C. Certificates:
 - 1. Insurance Certificate, If required
 - 2. Bid Bond, If required
- D. Product Sample: Submit samples indicating finishes for press box, if requested.

1.04 Warranty

- A. Press box shall be under warranty for a period of one year beginning at date of substantial completion for projects installed by manufacturer. The press box is warranted to be free from defect in materials and workmanship in the course of manufacture. This warranty excludes any other defects resulting from abnormal use in service, accidental or intentional damage or any occurrences beyond manufacturer's control.

PART 2 – PRODUCTS

2.01 Acceptable Manufacturer

- A. CBS Constructors
P.O. Box 995
McCook, NE 69001
(308) 345-4280
(308) 345-4281 (fax)
Toll Free 1-800-847-7443
- B. Other manufacturers seeking approval shall submit product literature to owner/engineer seven days prior to bid date. This submittal shall include calculations by a registered engineer showing any deviations meet or exceed the specified item they are intended to replace. Failure of manufacturer to comply with this requirement is cause for rejection.

2.02 Press Box Materials

- A. Size: Overall size of press box to be _____ ft. by _____ ft. with entrance platform on one end.
- B. Press Box Materials
 - 1. Floor System
 - a. Support Structures – Steel wide flange beams.
 - b. Under Pan: 26 ga. galvanized steel.
 - c. Floor Decking: 1 1/8 T&G plywood floor decking attached directly to steel support structure.
 - d. Insulation: Kraft faced R-19 fiberglass.
 - e. Floor Covering: 12” x 12” x 1/8” Thick vinyl composition tile.
 - f. Pre-finished wood base trim at perimeter edges.
 - 2. Wall System
 - a. Plates: 18 ga. galvanized steel channels
 - b. Studs: 3 5/8” x 1 5/8” x 18 ga. galvanized steel studs @ 24” o/c.
 - c. Headers: 5 1/2” x 1 5/8” and 5 1/2” x 2” x 18 ga. galvanized steel joist.
(Note: header size may vary depending on span)
 - d. Interior Wall Finish: 5/8” “Type-X”, vinyl-faced Gypsum panels.
 - e. Exterior Siding: 26 ga. “mini-rib” steel rib panel with kynar 500 painted finish over 5/8” CDX plywood sheathing, Tyvex as manufactured by Dupont, home wrap (or equal).
 - f. Insulation: Kraft faced R-11 fiberglass.
 - 3. Pre-molded Formica counter top Top shall be 18” deep, elevated 30” above floor, and shall be the continuous length of the building with support brackets on 32” centers.

4. Roof and Ceiling System:
 - a. Joist: 5 1/2" x 1 5/8" x 18 ga. galvanized steel joist cees @ 24" o/c.
(Note: Joist size may vary depending on span)
 - b. Sub- fascia: 5 1/2" x 1 5/8" x 18 ga. galvanized steel facer.
 - c. Roof Decking: 3/4" T&G 5 ply CDX plywood roof deck sheathing.
 - d. Insulation: Kraft faced R-19 fiberglass.
 - e. Soffit & Fascia: 26 ga. Marquee II white metal panels.
 - f. Roofing: 0.060 EPDM rubber, single ply, black membrane.
 - g. 24" x 24" x 5/8" Acoustical tile (white) suspended in white "T" grid (standard) USG.
5. Doors and Windows:
 - a. Exterior Doors: 3'-0" x 6'-8" insulated steel doors and metal clad wood frames manufactured by Stanley Doors (or equal) out swing (white) with approved hardware- threshold on exterior door jambs, trim, butts, etc. as needed. (1) Entrance lock, Schlage (or equal).
 - b. Windows: Aluminum clad wood buck, horizontal sliders, 1/2" insulated glass w/screens manufactured by Corn Belt Aluminum, Inc. series 1000 (or equal) - white.
 - c. Pre-finished wood window and door trim casing embossed (or equal) on interior.
6. Camera Deck:
 - a. Roof Scuttle: Bilco Scuttle "S" 2'-6" x 3'-0" galvanized (or equal).
 - b. Perimeter Guardrails: Support members to be 3" aluminum channel, rails to be 1 1/4" dia. Sch. 40 anodized pipe, top rail to be 42" above roof surface, top & bottom rail to be covered with 42" aluminized chain link fence.
 - c. Aluminum interior ladder.
7. Electrical:
 - a. All work shall meet National Electric code.
 - b. 125-amp Square D panel with a minimum of 8 spaces, surface mounted inside building.
 - c. Outlets: As required by owner
 - d. All wiring to be run in conduit.
 - e. Lights: Fluorescent two bulb recessed suspended in ceiling, spaced 8'-0" on center. Minimum (1) in each room.
 - f. All components to be UL listed.
 - g. (2) Phone jacks – minimum (1) in each room.

PART 3 – EXECUTION

3.01 Installation

- A. Install press box in accordance with manufacturer's installation instructions.
- B. Erect in accordance with shop drawings.
- C. Install structures plumb, level and secure. Adjust door hardware for smooth operation and lubricate where necessary.

3.02 Inspection

- A. Within (6) six months after completion of installation, pressbox shall be inspected by the manufacturer or his/her representative.

3.03 Cleaning

- A. Clean surfaces after erection in accordance with manufacturer's recommendations
- B. Remove and properly dispose of packaging and construction debris.