



GTG Press Box Specification Standard Design

MODULAR STEEL PRESS BOX 8'x12'

Type V-B Construction

A. GENERAL

1. *Press box Support Structure*
 - a. Independently supported but connected to rear of grandstand.
 - b. Support structure to be 8' wide by 12' long
2. *Press Box*
 - a. Dimension: 8' wide by 12'-6" long with one interior compartment
 - b. Press Box to be of open construction, allowing inspection of electrical wiring, switches and other components without destructive disassembly

B. MATERIALS/FINISHES

1. *Press Box Support Structure*
 - a. Steel
 - 1) Galvanized
 - 2) Structural shapes meet one of the following ASTM specifications: A36, A36/A572 grade 50, A572 grade 50, A52950, or A500 grade B.
 - 3) Shop connections are seal welds or bolted
 - 4) After fabrication, all steel is hotdipped galvanized to ASTM A123 specifications.
 - b. Aluminum
 - 1) Aluminum Angle: Structural fabrication with aluminum angle, 6061-T6 alloy, mill finish
 - 2) Shop connections are seal welds or bolted
2. *Press Box:*
 - a. All materials shall be new and shall comply with ASTM specifications.
 - 1) Floor Construction
 - a) Welded Framing
 - i. Main support to be MC10X8.4 galvanized steel floor frame sized to support structure.
 - b) Joist
 - i. W6x9 galvanized steel joist.
 - c) Bottom Board
 - i. 26 gauge corrugated panel underbelly with galvalume finish for support of insulation. G-90 rated. Panels attached to steel floor frame with #14x7/8" LapTek screws at ends of panels and at intermediate supports.

- d) Insulation
 - i. R-13 Fiberglass, BATT insulation with vapor barrier.
- e) Decking
 - i. Floor to be mill finish interlocking Aluminum Decking System, extruded aluminum alloy 6063T6, mill finish. Decking system attached to steel floor frame with mechanical fasteners at end of plank and at intermediate supports.

2) Wall Construction

- a) Welded Framing
 - i. 3.5 inch x 3.5 inch x 11 gauge square tubing with maximum span of 14 feet on front wall and maximum span of 6 feet on back wall. Treated with metal primer after welding.
- b) Stud Framing
 - i. 362S137-43 steel studs with maximum spacing of 2 feet for all walls with siding.
 - ii. 362T125-43 channel top and bottom plates.
Spans greater than these require engineered calculations for design. All steel studs treated with metal primer after welding.
- c) Headers
 - i. As span and design load requires
- d) Insulation
 - i. R-13 Fiberglass BATT insulation with vapor barrier
- e) Interior Finish
 - i. Prefinished 5/8" vinyl coated gypsum panels, Class A rated. Panels attached to metal studs using drywall adhesive-GDWA, or equal. When using adhesive application, panels are screwed at floor and ceiling line spacing fasteners 6 inches to 8 inches apart.
 - ii. Cove Base, vinyl 4 inches.
- f) Exterior Finish
 - i. 26 gauge "R" panel pre-finished ribbed steel exterior siding as manufactured by MBCI, or equal, with Kynar 500 finish (color as selected from standard color list).
 - ii. Wall panels attached to welded framing and studs using #14 x 7/8" lap screws with washer at the top, midpoint, and bottom of panels. Lap screws (1/4"-14x7/8" Lap Tek) are placed at each end of panels, at the intermediate supports and at the midpoint between supports.
 - iii. Base trim and corner trim to be installed in accordance with manufacturer's instruction and match exterior panel.

3) Roof Construction

- a) Welded Frame
 - i. 3.5 inch x 3.5 inch x 3/16" square tube. Treated with metal primer after welding.
- b) Rafters
 - i. 3 inch x 2 inch x 18 gauge rectangle tube with maximum spacing of 2 feet. Treated with metal primer after welding.
- c) Roof
 - i. 1/8 inch fourway steel plate roof, continuous welded seams coated with

metal primer and 36 mils of white elastomeric roof coating. Plate is welded on both sides of rafters with 1-1/2 inch long 1/8 fillet welds on 12 inch centers.

- d) Fascia
 - i. 26 gauge steel prefinished trim with Kynar 500 finish (color as selected) to match metal siding.
- e) Insulation
 - i. R-19 BATT insulation with vapor barrier.
- f) Ceiling
 - i. 24 inch x 24 inch suspended ceiling system, including acoustical ceiling tiles, wall molding, and main grid tees, cross tee sections, clips and wire as required. Class A rated.
 - ii. Ceiling height 8 feet.

4) Exterior Doors

- a) 18 gauge insulated galvanized hollow metal door with 16gauge steel wrap around frames (paint to match siding), hydraulic closer, weather strip, aluminum threshold and exterior commercial lever handled lockset, interior panic bar exit device.
- b) Dimensions 3 feet by 6 feet 8 inches.

5) Interior Door (optional)

- a) Interior Birch. Dimensions: 3 feet 0 inches x 6 feet 8 inches.
- b) Hardware: handles shall be lever type that allow operation without tight grasping or twisting of the wrist

6) Interior Walls (optional)

- a) Framing to be steel galvanized studs (25 gauge) 1 1/4 inch x 3 5/8 inch at maximum 2 feet on center.
- b) Finishes to be consistent with all other interior finishes.

7) Windows

- a) Frame: Extruded aluminum single hung, vertical sliding unit, thermal break.
- b) Sash: Tilt toward inside for easy cleaning.
- c) 7/8" insulated tempered safety glass.
- d) Dimensions of each unit: Dependent on compartment size. At interior wall locations or structural support locations the dimension between windows shall be no greater than 6 inches.
- e) Frame color white.

8) Scorers' Work Bench

- a) High Pressure Decorated Laminated (HPDL) countertop 18 inches wide by length of compartment space with support arms maximum spacing 48 inches, 29 inches above floor.

9) Electrical

- a) Service Entrance Panel
 - i. "Square D" QO112M100 with main disconnect; rated at 120/240v, single phase, 100 amp capacity.
- b) Wiring
 - i. All wiring to be encased in thin all EMT conduit min. 12thhn copper wire. . N.E.C. breaker box to be 100 amp surface mounted on wall with 1.5 inch rigid conduit to be stubbed out at back wall of press box ready for service line to be connected. (Service line to Press Box is responsibility of Owner).

- c) Lighting Fixtures
 - i. Lithonia #2GT8232A12-120-GEB10IS, 2 foot x 4 foot low-profile fluorescent light with acrylic diffusers; or equal. Fixtures are mounted directly over countertop and will maximize the full length of compartment space.
- d) Receptacles
 - i. Electrical outlets to be installed per NEC and shall be standard duty.
 - ii. All outlets to be surface mounted and grounding type on wall.
- e) Sound, Telephone, Clock, Field Communication:
 - i. Empty double outlet boxes per N.E.C. with 3/4 inch conduit stubbed out bottom of Press Box for use of Owner.
 - ii. Outlet boxes to be flush mounted into wall.
 - iii. Any wiring completed on site will be responsibility of such contractor for inspections. Quantity. Two will be provided. Owner shall indicate additional boxes needed.

Submittal drawing shall indicate devices and circuitry.

10) Filming Area/Observation Deck (optional)

- a) Access: Roof hatch with OSHA-rated aluminum ladder mounted to an interior back wall.
 - i. Hatch: Bilco #S-50 roof hatch, 30 inch X 36 inch
 - ii. Ladder: Alaco #560 fixed wall aluminum ladder.
- b) Electrical Service
 - i. Weathertight outlet box for cameras. Quantity: as indicated on plans.
- c) Guard Rail System
 - i. Roof guard railing to be 42 inched above walking surface around perimeter of deck. The guard railing to include galvanized post attached with 5/8 inch galvanized studs welded to roof support structure, 1 5/8" O.D. anodized aluminum tube and 9 gauge galvanized chain link mesh fencing fastened in place with galvanized fasteners and ties.

C. WARRANTY

- 1) The Press Box shall be under warranty for a period of one year beginning at date of Substantial Completion for portion of the project installed by GT Grandstands. 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.