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SPECIFICATIONS

MITCHELL PORTABLE FOLDING RISER & STAGE PLATFORM

For Standing or Seated Choral, Band, Orchestra Risers and Level Stage Platforms

CONSTRUCTION: Specifications are based on standard 4' x 8' units. Modifications of tri-corner units, special size units and other units permissible in general detail only and must comply with general quality and construction of standard units.

TOPS: Panelam™ panels not less than 3/4" thick with select plywood cores surfaced top and bottom with smooth (underside) or textured (traffic side) polyethylene in black. To provide maximum wearing characteristics and moisture retardant barrier. Panelam's lightweight thermoplastic overlay is permanently bonded with an exterior grade adhesive.

TOPS-UNDERSIDE REINFORCEMENT: Rigid, one piece, box type frame shall extend completely around perimeter inset approximately 3/4" from edge; of 1-3/4" wide by 16 gauge cold rolled steel channels (no sharp edges) – permanently joined by welding to heavy, pressed steel corner stampings, with each length wise channel reinforced with two heavy steel webs to prevent stress twist. Two steel channels welded back-to-back shall extend full length within frame confines for proper unit center stiffening.

EDGE PROTECTION: Perimeter protected with not more than two sections 16 gauge, 3/4" I.D. "Galvanealed" steel angle. Joints and corners accurately and smoothly fabricated – no joints permitted at corners.

FOLDING SUPPORT: Not less than 14 gauge, 1-1/16" I.D., .45% carbon content, high carbon steel tubing. End leg upper cross bars shall extend to rest on inside of extra heavy flat steel jackknife-type folding braces of appropriate lengths, equipped with positive acting compression spring-type locks. Attachment; rivets shall be of solid steel. All points in contact with floor equipped with non-marking tips. Understructure finished in powder coated midnight brown finish. Supports on 4' x 8' units 48" and less in height shall fold within confines of the steel channel frame. Total folded unit thickness approximately 2-1/2".

ATTACHMENTS: Supports, frames, braces, edges and all other parts to be attached to tops with 3/4" Hex Head "Suregrip" plated screws, threaded entire length for maximum holding power, augmented at strain points by approximately, 45 (per unit) 1/4" dia. Plated, flat Phillips-head bolts with plated "Shakerproof" washers.

UNIT-TO-UNIT LOCKING: Four self-storing swinging clamps securely attached near corners to underside of tops provide rigid, positive (frame-to-frame) and (metal-to metal) locking between adjacent units.

ALL UNITS SELF CONTAINED: Operation and set up of units shall not require the use of tools.

QUICK FOLDING STAIRS: Of unitized construction, shall attach to stage platform with swinging clamps and top tread shall be level with platform surface. Welded angle steel end trusses support Panelam treads. The rise of each stair shall be in 8" increments. The fronts of the stairs are permanently closed with Panelam panels. Stair equipped with 1.05" O.D., 14 gauge, .45% carbon content, high strength, robotic welded folding steel supports – supports provided with heavy-duty flat steel jackknife type folding braces secured by positive-acting compression spring type locks where required. Recommended, but optional - sectional 1-5/8" O.D., welded, high carbon steel tube safety side rails shall fit into end truss-mounted sockets and shall be independent of platform guard rails. Steel understructure and all steel parts are powder coated with jet black finish.

RAMPS: Constructed of the same material as the 4' x 8' platform as described above. Ground to incline rise equals 1-in./per foot. Ramps are 48" Wide with each section being 96" Long.

RAILING: 1-5/8" O.D. high carbon steel tubing. Post a single horizontal rail, approximately 30" above the platform deck. Each post shall be rigidly double-clamped to a unit by means of an upper, collar-type, post-to-frame clamp and a lower, socket-type, post-to-leg clamp. Leg clamp shall not be more than 3-1/2" above floor.

CARPETED OPTION: As an option carpeting is glued to surface of platform or riser. Face fiber content of the carpet is 100% solution dyed polypropylene with a "rib-type" face texture. Carpet backing is latex unitary. The total weight per square yard is 17 oz with a denier content of 15. The carpet is warranted by the manufacturer for 2-years against fading in non-sunbelt areas.

Pill Testing: Passes DOC FF 1-70
Class A Tunnel Testing

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