



PLATFORM SYSTEMS

STEELDECK® Inc.

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STEELDECK® PLATFORM SPECIFICATIONS

Design Criteria: All equipment provided by manufacturer shall meet or exceed Uniform Building Code requirements for portable platforms as defined in UBC and shall meet or exceed all local building and safety codes for the intended use.

Design Capacities

Typical Steeldeck® Platform Size and weight:	4' × 8' × 7", 160 #
Surface Thickness:	$\frac{3}{4}$ "
Allowable Load Capacity:	125 PSF
Evenly Distributed Load Capacity:	4,000 lbs Per Deck

Material Specifications

Platform Surface:	$\frac{3}{4}$ " Veneer Core Phenolic Glue ABB MDO Plywood
Upper Truss Chord:	$\frac{3}{4}$ " × 1½" × 16 GA ASTM-A-513 Steel Tube
Lower Truss Chord:	$\frac{3}{4}$ " × $\frac{3}{4}$ " × 14 GA ASTM-A-513 Steel Tube
Truss Web:	$\frac{5}{16}$ " RD A36 Steel rod
Corner Post: (4)	2.36" × 2.36" × .158" ROPS
Fasteners:	Zinc Plated Gr 8.8 Metric Cap Screw

General

Platforms shall be of a portable and versatile nature to suit needs in all areas of the entertainment industry. Platforms shall have a GMAW welded steel truss perimeter frame with intermediate truss supports no more than 24" on center, with substantial sockets at each corner to receive pipe leg supports. Steel frames shall be powdercoated or Zinc plated at customer's option. Legs shall be of a 1½" SCH 40 galvanized steel pipe and will bolt in to place. Platform surface shall be $\frac{3}{4}$ " exterior grade plywood, fixed with #14 screws not more than 24" on center. Unless otherwise specified, platform surface shall be isolated from the frame with neoprene for noise reduction. Guardrails shall be made from welded steel tube, and attach to the perimeter truss by a bolt on clamp plate. Platforms set up at 4' or higher shall be braced both horizontally and diagonally using standard scaffolding fittings to attach aluminum or steel 1½" SCH 40 pipe braces. Platforms which are to be leveled on screw jacks over rough terrain or mounted on castors, shall be assembled using a coupler system designed and manufactured by Steeldeck® for use with Steeldeck® components.

Please call your Steeldeck® professionals at **1-800-50-STAGE**