Omaha Standard "Heavy Duty Platforms" Specification Sheet

06/06

I. DIMENSIONS

A. Lengths: 8'6", 9'6", 10'6", 12'6", 14'6", 15'6", 16'6", 18'6", 20'6", 22'6", 24'6", and 26'6"
B. Widths: 82", 96" and 102".

II. FRONT OUTRAIL

A. 6" deep.
B. 11 ga. (.120") high strength steel.
C. Four 12 ga. (.105") 2 x 4 stake pocket reinforcement inserts sized for 2x4 baords or steel stakes.
D. Gusseted to the long members.
E. No welding to inside face of outrail - no weld through marks on outside face to mar finish.

III. SIDE OUTRAIL

A. 6" deep.
B. 11 ga. (.120") high strength steel.
C. 12 ga. (.105") 2 x 4 stake pocket reinforcement inserts on 24" centers. The number of pockets varies with the length of the platform. Sized for 2x4 boards or steel stakes.
D. No welding to inside face of outrail - no weld through marks on outside face to mar finish.

IV. REAR OUTRAIL

A. 6" deep.
B. 11 ga. (.120") high strength rollformed steel.
C. Four 12 ga. (.105") 2 x 4 stake pocket reinforcement inserts. Sized for 2x4 boards or steel stakes.
D. Gusseted to the long members.
E. No welding to face of outrail - no weld through marks on face to mar finish.

V. FLOOR AND UNDERSTRUCTURE

A. 11 ga. (.120") high strength rollformed "C" section cross members, 4-3/16" high.
B. Cross members are located on 12" centers on platforms 14' and longer. On platforms shorter than 14', cross members are located on 16" centers.
C. Every other cross member is gusseted to the long members on front 2/3 of platform; every cross members on rear 1/3 of platform.
D. Long members are structural channel:
    1. 8'6" - 9'6" platforms--4".
    2. 10' 6" - 14'6" platforms--6".
    3. 15' 6" - 20'6" platforms--7".
    4. 22' 6" - 26'6" platforms--8".

E. Floor Options:
   1. Wood
      - 2"x6" (nom.) tongue and groove joint, kiln dried, #1 dense southern yellow pine floor boards which are attached to the cross members with trailer-type torx screws.
      - flooring is CCA pressure treated, forcing the preservative deep into the wood's fibers through a thorough impregnation process.
   2. Smooth Steel
      - 10 ga. (.135"), 7 ga. (.179"), or 1/4" (0.25") smooth steel (welded to cross members)
   3. Treadplate Steel
      - 1/8" (.125"), 3/16" (.188"), or ¼" (.25") treadplate steel (welded to cross members)
   4. Treadplate or smooth steel over wood.

VI. LIGHTING

A. Lights are completely recessed into outrail.
B. Two clearance lights per corner. (Amber/front) (Red/rear)
C. Three-light (identification) cluster in rear outrail.
D. Rubber grommet mounted; high impact reflective lenses.
E. Plug-in wire harness.
F. Weather-tight installation.
G. All reflectorized lights meet applicable federal standards (FMVSS 108).

VII. PAINT

Black Acrylic E-Coat

A. Pre-Paint Preparation and Topcoat – Electrocoat Process

*All product goes through a multi-stage immersion cleaning and rinsing process to thoroughly clean all surfaces.

*The product is then immersed in a chemical bath to prep the steel for optimum zinc phosphate adhesion prior to immersion in the zinc phosphate tank.

*The zinc phosphate stage then puts a base zinc crystalline structure on the steel for superior paint adhesion.

*A subsequent sealer rinse tank seals the pretreated surface to optimize corrosion resistance.

*Two reverse osmosis rinse tanks insure the product is free from mineral deposits prior to painting.

*The product is then immersed in an acrylic electro – deposition tank when a high gloss black acrylic topcoat is charged onto the product.

*After two final permeate rinse tanks remove any excess acrylic material and insure a consistent surface finish, the product is oven cured at 350 degrees to fully crosslink and cure the electrocoat topcoat providing an extremely durable and rust resistant finish.

B. Optional urethane topcoat colors.

VIII. WEIGHTS:

See Appendix "D".