



# PRODUCT SPECIFICATIONS - WRITTEN

**Product Name:** Deluxe 3-Meter Heel-Mount Diving Tower

**Part Number:** CAT-3M-203HA

**General Notes:**

The **Deluxe 3-Meter Heel-Mount Diving Tower** is designed for heavy-duty use on commercial pools. All steel components are constructed from carbon steel and are primed ready for paint topcoat. This tower is to be used with either 14' (4.27m) or 16' (4.88m) diving boards.

**Application:**

Depending upon installation design and local codes, these models are suitable for use on commercial pools. Site and installation requirements will determine the actual stand sizes and board lengths.

**Specifications:**

- 1 Front Post Assembly: The front post assembly is fabricated and concentrically welded to form the required 15° angle of the front post when affixed to the anchor assembly. The post is manufactured from 10" (254mm) dia., .250" (6.35mm) wall, schedule 20 carbon steel pipe. The lower front post plate is constructed of 15" x 15" x 3/4" (381mm x 381mm x 19.05mm) carbon steel plate and the top post flange is constructed of 15" x 15" x 5/8" (381mm x 381mm x 15.88mm) carbon steel plate.
- 2 Ladder and Handrail Assembly: The two (2) ladder posts are constructed of 1.90" O.D. x .145" wall (48.25mm x 3.68mm) type 304 stainless steel welded with a mirror finish. The steps are formed and drawn 1/16" (1.6mm) 304 stainless steel and include replaceable skid-resistant pads. The ladder handrails are 1-5/8" O.D. x .065" wall (41.28mm x 1.65mm) 304 stainless steel tube. The upper handrail assembly is constructed of 1.90" O.D. x .065" wall (48.25mm x 1.65mm) 304 stainless steel with a polished finish. The assembly is attached to the front and rear of the tray assembly.
- 3 Tray Assembly: The tray is formed from carbon steel and is fabricated from 3/16" (4.76mm) carbon steel plate. The tray is reinforced using 3/8" (9.53mm) carbon steel plates and is welded to the underside at both the front and rear. In addition, two (2) 1/4" (6.35mm) carbon steel gussets are welded to the upper side of the tray.
- 4 Tie-Down Assembly: The tie-down assembly is designed to allow easy access to components located below the board and to raise the board during swim competitions. The assembly includes a tie-down angle subassembly, two tie-down straps, and additional hardware.
- 5 Quick Adjustable Fulcrum™: The fulcrum assembly consists of brass gears and track that enables incremental ratcheting of the fulcrum adjustment from a standing position.
- 6 Anchor Assembly (p/n 12-108, 13-105; see spec sheet for SRS-906): The anchor is constructed of carbon steel. No. 3 rebar is spot welded to six (6) 1" x 8 zinc plated carbon steel bolts to form the 3/4" thick (19.1mm) front post anchor assembly. Rebar is spot welded to 1/2" x 6 zinc plated bolts to form the 3/4" x 5 dia. (19.1mm x 127) ladder anchor assembly plates.

**Additional Product Numbers:** N/A.

**Shipping weight:** 1220lbs (553kg)

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|-------------------------|--|-------|-----------|
| Specification Number:   | SRS-404  |       |           |
| Product Description:    | Deluxe 3-Meter Heel-Mount Diving Tower   |       |           |
| S.R. Smith Part Number: | CAT-3M-203HA   |       |           |
| Revision:               | A  | Date: | 7/18/2023 |
| Written By:             | Z. Boyer   | Date: | 7/18/2023 |
| Approved By:            | M. Kaiel   | Date: | 7/18/2023 |
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