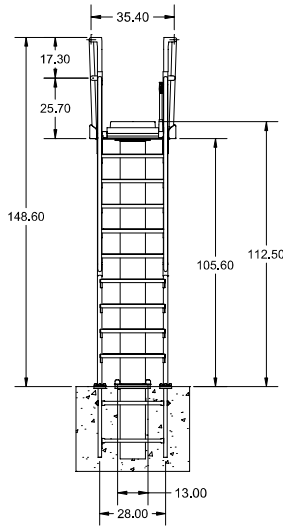
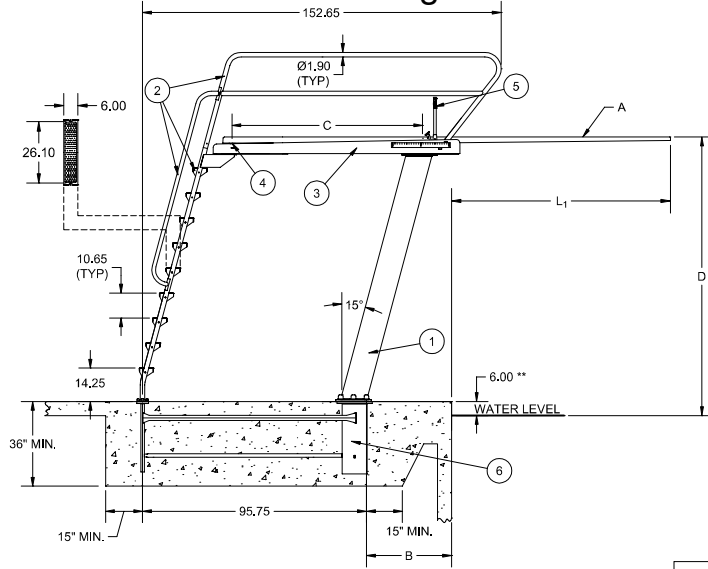


Deluxe 3-Meter Heel-Mount Diving Tower



HEEL VIEW*



SIDE VIEW

ANSI/NSPI-1 1991 Standard for Public Swimming Pools

Diving Board A	Pool Type	Distance for Setting Front Bolt of Jig from Water's Edge B	Fulcrum Setting C (± 6")	Min. Overhang Overhead L ₁ (± 3")	Max. Height of Board Above Water HOW D
14"	IX	33.25"	74"	6' 0"	118.125"
16"	IX	57.25"	86"	6' 0"	118.125"

RECOMMENDED Compressive strength of concrete is 3500 psi or greater.
 MINIMUM width of concrete footing: 42"
 * ANSI/NSPI refers to Heel as Butt and Toe as Tip ends of board.
 ** WATER LEVEL MAY VARY. Adjust accordingly.
 S.R. SMITH CANNOT GUARANTEE CUSTOMER'S CONCRETE OR THICKNESS.

NOTE:
 Diving boards (including spring boards, jump boards, and starting platforms) shall be installed only on pools meeting or exceeding the minimum requirements for the various pool types as outlined in the current edition of ANSI/NSPI-1 (for public Pools). In addition, all installations must meet or exceed applicable local codes with installation accomplished in accordance with S.R. SMITH written instructions.

Specification Number:	SRS-404
Product Description:	Deluxe 3-Meter Heel-Mount Diving Tower
S.R. Smith Part Number:	CAT-3M-203H
Revision:	A
Written By:	T. Weil
Approved By:	
Page 1 of 2	Proprietary and confidential: The information contained in this specification is the sole property of S.R. Smith LLC. Any reproduction in part or whole without the written consent of S.R. Smith LLC is prohibited.

S.R. Smith, LLC
 P.O. Box 400, 1017 SW Berg Parkway
 Canby, Oregon 97013
 Tel: (888) 677-7776 (503) 266-2231
 Fax: (503) 266-4334
 www.srsmith.com



S.R. Smith LLC Commercial Division Product Specifications - Written

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

Part Number: CAT-3M-203H

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 381 x 19.05) carbon steel plate and the top post flange is constructed of 15" x 15 x 5/8 (381mm x 381 x 15.88) 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 3.68) 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 1.65) 304 stainless steel tube. The upper handrail assembly is constructed of 1.90" O.D. x .065 wall (48.25mm x 1.65) 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 12-105-H, see spec sheet for SRS-905):** The anchor is constructed of carbon steel. A 3/4" (19.1mm) thick post jig plate is welded to the tower jig post, which is manufactured from a 10.75" O.D. x .5 wall (273mm x 12.7) pipe. 3/4" x 5 dia. (19.1mm x 127) ladder jig plates are welded to 1.5" O.D. x .15 wall (38.1mm x 3.8) supports. Six (6) 1" by 2 and eight (8) 1/2" x 1-3/4 zinc plated carbon steel bolts are included for the post plate and ladder plates. An aluminum grounding lug is also included.

Additional Product Numbers: N/A.

Shipping weight: 1220lbs (553kg)

Specification Number:	SRS-404	
Product Description:	Deluxe 3-Meter Heel-Mount Diving Tower	
S.R. Smith Part Number:	CAT-3M-203H	
Revision:	A	Date: 04/28/03
Written By:	T. Weil	Date: 04/28/03
Approved By:	B. Bisceglia	Date: 05/05/03
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