



NAUTICAL STRUCTURES

Marine Engineering and Manufacturing

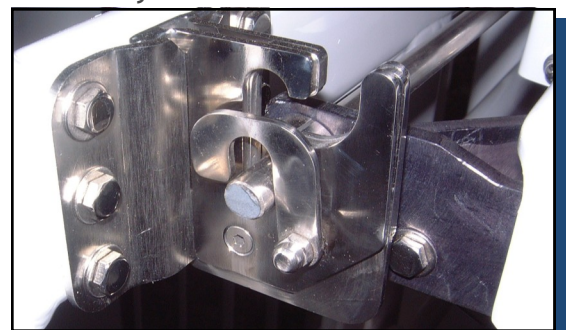
Deluxe Carbon Fiber Tri-Rail Yacht Stair



- **Deluxe Carbon Fiber Tri-Rail treads** appear to “float” in suspension between the two carbon fiber side-rail supports.
- **Self-leveling treads** are made of Carbon Fiber with a rigid aluminum axle that rotates smoothly in delrin bushings.
- **Monorail side supports** eliminate the scissors-like pinch potential of other boarding stair designs, and provides a stiffer, more solid & secure feel when walking on the stairs.
- **Real inlaid teak non-skid tread inserts.**
- **One offset handrail**, made of carbon fiber is provided for your boarding safety, and a second may be ordered as an optional feature.
- **Yacht Stairs rod-mount** conveniently and lock securely into flush-mount stainless steel hull side brackets.
- **Rotation mounting platforms** and /or self-storing pocketing Yacht Stairs are available as optional features.

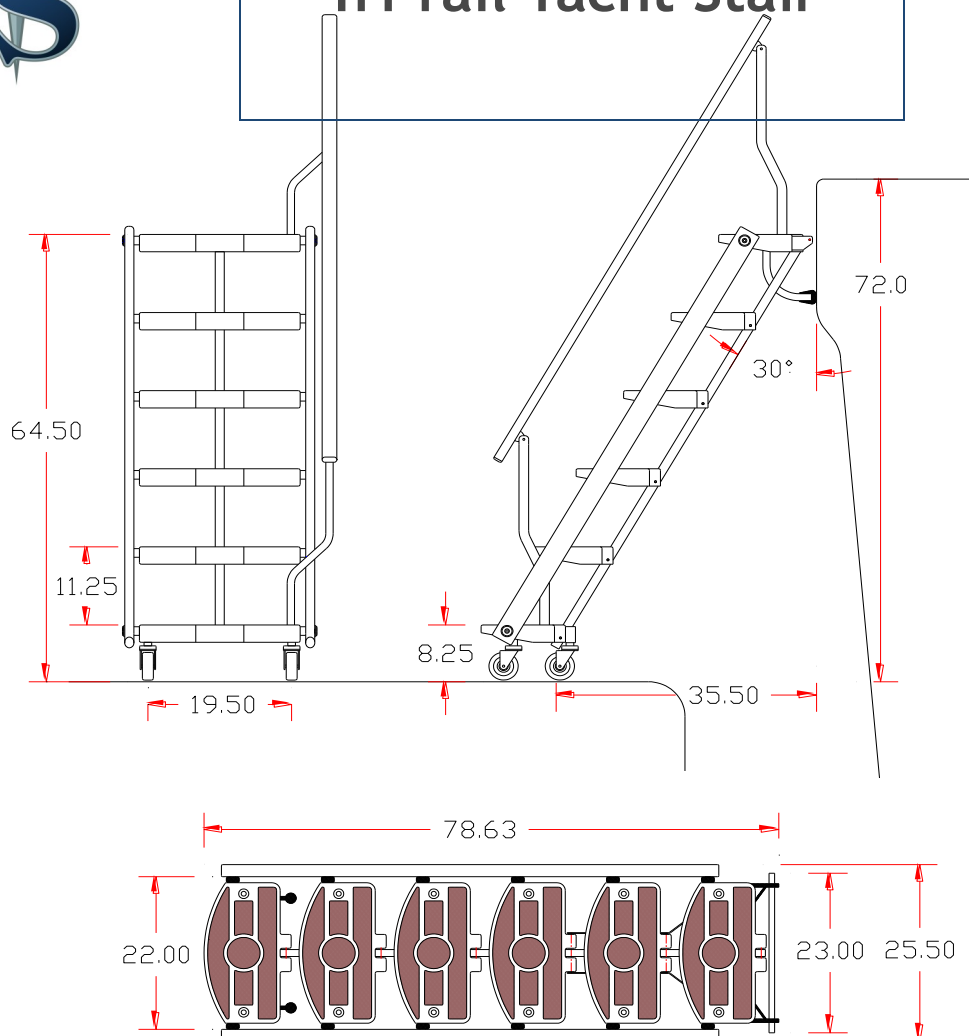


Top: Rotation Platform; allows the stairway to rotate 160°.





Deluxe Carbon Fiber Tri-rail Yacht Stair



A close-up detail of the in-field adjustable leveling standoff. Our design protects the crutch-tip from damage and requires no tools for fine adjustment.



A close-up detail of the innovative handrail stanchion-clamp. Note the delrin socket to receive the self-clamping stanchion.

DELUXE CARBON FIBER TRI-RAIL YACHT STAIR - MECHANICAL SPECIFICATIONS

Number of treads	Stowed Length x Width x Thickness	Working Height: Deck to Dock	Weight, Carbon Fiber (Approximate)
5	65.63 x 25.5 x 3.25in [1667 x 647 x 83 mm]	to 53.3in [135 cm]	35lb [315.88kg]
6	78.63 x 25.5 x 3.25in [1997 x 647 x 83 mm]	to 64.5in [164 cm]	42lb [19.00kg]
7	91.63 x 25.5 x 3.25in [2327 x 647 x 83 mm]	to 75.8in [192 cm]	49lb [22.23kg]
8	104.63 x 27.13 x 4.0in [2657 x 688 x 102 mm]	to 87.0in [220 cm]	56lb [25.40kg]
9	117.63 x 27.13 x 4.0in [2987 x 688 x 102 mm]	to 98.3in [250 cm]	63lb [63.00kg]

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