



 **Malmsten**

 **DURAFLEX**
Making boards that make champions



Duraflex One-Meter Stand - Art. No. 1111003

Duraflex products have been sold, installed and serviced by Malmsten since the 1990s. We are now ready to expand our partnership with Duraflex. Malmsten will provide the Duraflex product line throughout Europe, Africa, the Middle East, and parts of Asia as well as its high-end Malmsten range.

The Duraflex One-Meter Stand is designed to provide a firm foundation, for mounting Duraflex aluminum springboards. The Duraflex stand is the result of design focused on stability, low noise level and ease of installation.

Duraflex stands can easily be installed at an existing pool without the need for costly excavation. The stand consists of a ladder assembly, fulcrum assembly and main support assembly. The major components are heavy duty aluminum castings coated with top quality epoxy powder coating.

The ladder assembly features wide, comfortable steps with replaceable slip resistant treads. Hard-anodized, forged aluminum hinges mounted to a heavy cast anchor plate provide the attachment points for the Duraflex springboards.

The Duraflex stands have double stainless steel handrails on both sides. The 1-meter structures are manufactured in five different heights to accommodate various deck to water levels. The deck to water dimension of the pool, deck slope and diving board model must be indicated when ordering. This information is used to determine the correct stand height for your facility.

Selected When it Counts



Material:

Castings: Heavy aluminum coated with epoxy

Mechanical parts: Heat treated extruded aluminum, hard anodized, replaceable slide made from nylon

Hand rails: Stainless Steel

Design tensile strength: 35.000 psi

Measurement X:

The stand is available in 5 different heights depending on the measurement X = water-level to deck

Alt 1 0 – 76 mm

Alt 2 76 – 127 mm

Alt 3 127 – 203 mm

Alt 4 203 – 280 mm

Alt 5 280 – 356 mm

Maintenance of Duraflex stands

Hose off the stand with fresh water frequently. The stand cools off at night, and warm humid air will condense on the stand and handrails, leaving a chlorine residue on the equipment.

Keep the fulcrum components clean, especially the tracks. Keep the roller clamp lock nuts, and anti-rattle lock nuts, snug and adjusted for a “no-rattle” clearance. The two grease fittings of the roller block should be lubricated every 2 weeks.

Use “Mystic JT-6” grease and grease gun.

The hinges that hold the board to the stand need 2 drops of oil every 2 weeks.

Use lightweight oil as for door hinges. The carriage bolts that attach the diving board to the hinges should be checked for tightness periodically. The carriage bolt nuts need to maintain 110 ft-lbs of torque.

Maintenance of Duraflex handrails

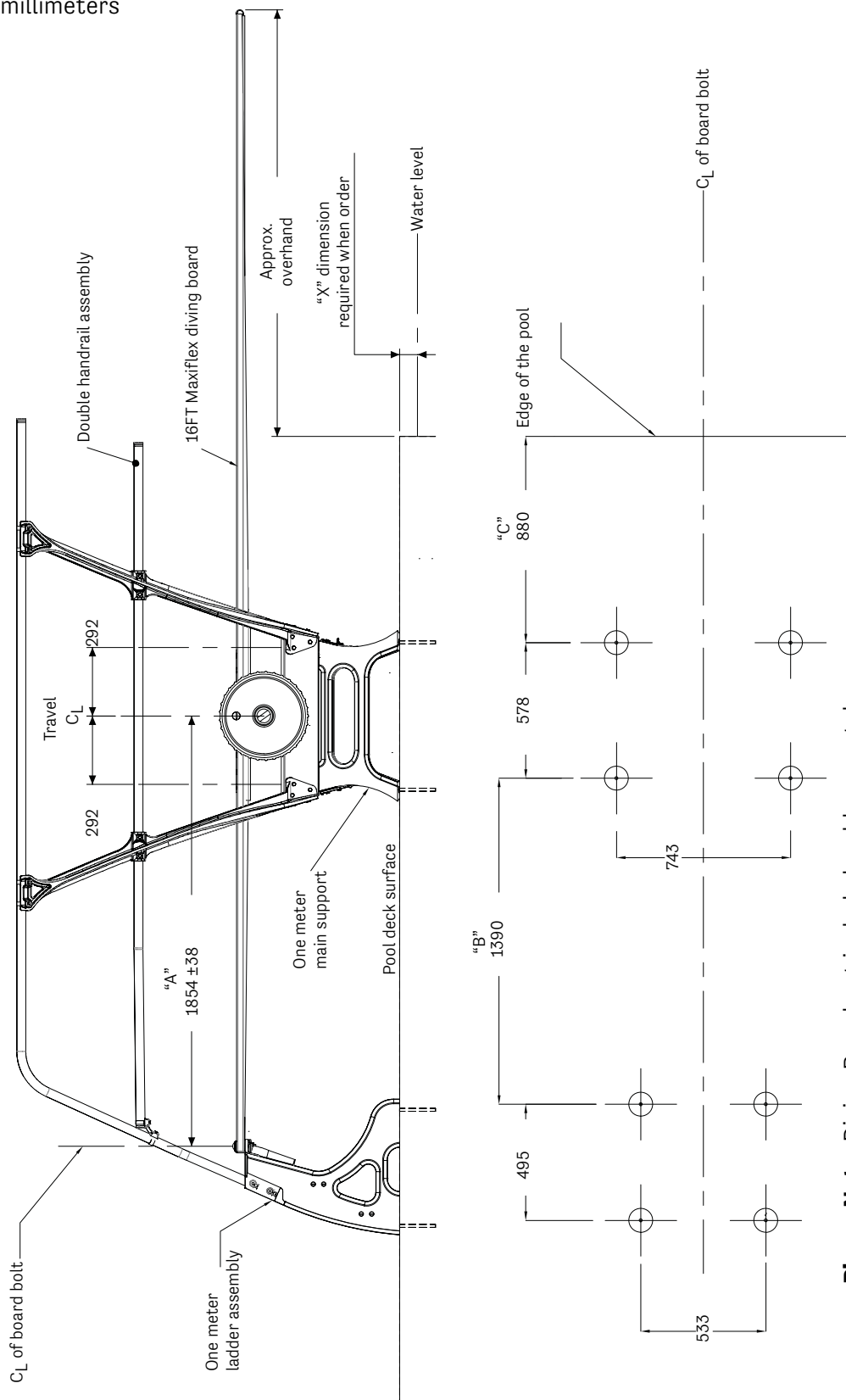
304 stainless is a good stainless steel for handrails in the swimming pool environment, but it is not rust-proof. Clean with stainless steel cleaner and a cloth if rust appears. Rinse with large amounts of fresh water (not pool water). Check all unpainted nuts and bolts and adjust as needed. Maintain the surface of the steps using the same procedure as that used for maintaining the diving board.

We recommend our Kit for Stainless Steel - to be used on a regular basis.



Technical instructions for Maxiflex Model B

Dimensions in millimeters



Please Note: Diving Board not included, sold separately.

	Duraflex 14 ft.	Duraflex 16 ft.	Maxiflex Model B
	4270 mm	4880 mm	4880 mm
A	1606 ±38 mm	1854 ±38 mm	1854 ±38 mm
B	1244 mm	1390 mm	1390 mm
C	550 mm	880 mm	880 mm

Measurement X:
The Stand is available in 5 different heights depending on the measurement X = water-level to deck Required when order

Selected When it Counts