

Portable Motion Trek, Part Number 163317

The Portable Motion Trek shall consist of the following components:

Anchor Superstructure

Constructed from 304L stainless steel, 2" x 2" x .120" square tubing, 3/8" 304L stainless steel plate, 12 gauge 304L stainless steel plate. Precision joined and welded.

Wheel Assembly

There shall be two stainless steel ball bearing Tente locking casters and two Tente stainless steel fixed casters.

Stabilizer System

There shall be two 1 1/2" x 1 1/2" x .120" 304 stainless steel stabilizer arms with a non-marring rubber padded foot. Each unit shall include a stabilizer arm anchor kit allowing the unit to comply with ADA permanent mounting requirement.

Weights

Ballast shall consist of proprietary compound metal pellets sealed inside watertight weight compartment.

Handle

Constructed of 1" x .120" 304 stainless steel tubing with TIG welded 304 stainless steel stops.

Cover

Anchor cover constructed of precision injection molded UV protected PVC.

Lift

The lift shall be designed for use on aboveground or in-ground swimming pools and/or spas and shall accommodate installation at a range of 6"- 28" from the pool wall to centerline of the lift mast (depending on water draft). The lift shall be user-operated, battery powered - requiring no more than a 24-VDC, rechargeable, capable of transferring (rotating) payload over a wall height of 10" (without footrest), and shall be rated for a 300 lb. load capacity. The lift shall be designed in accordance with all ADAAG guidelines. The lift shall be securely connected to the anchor unit using 3/8" stainless steel hardware.

Linear Actuator

The battery-powered ram shall bolt to the lift superstructure and shall have a maximum in push thrust of 7000 N. The driver shall be a permanent magnet motor, 24-VDC. The unit shall have built in mechanical limit switches, and shall operate at 60-db noise level or less. The actuator shall be powered in push (extend) direction only.

Rotational Actuator

The 24-VDC rotational motor direct drive system allows for continuous mast rotation in either direction (360°).

Operating Controls and Power Source

Wired handset shall be operable from pool or deck and shall be designed for ease of use. Wired handset shall be of molded plastic, and be sealed to prevent water intrusion. Control buttons for up, down, right, and left directional control shall be provided.

The power source is to be a 24-VDC rechargeable battery. A battery charger, wall current to charge, with mounting bracket and electrical power cord, for remote installation, shall be provided with the lift.



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Lift Superstructure

The boom arm shall be constructed of 1.90" O.D. x 1.50" I.D., 304L stainless steel tube.
The mast arm shall be constructed of 2.375" O.D. x 2.067" I.D. 304L stainless steel tube.

Seat Assembly

The seat shall be constructed of a 304L stainless steel frame attached to a polymer seat assembly with removable armrests and an adjustable padded headrest. This assembly shall be attached to the lift superstructure by a 1.9" x 0.145" 304L stainless steel Tube

Armrest

Two fold down armrests constructed of 1.00" x .083" 304L stainless steel shall be included with the lift. Each armrest shall have a 6.00" vinyl handle.

Footrest

A vertically adjustable footrest is provided.

Warranty

Spectrum standard terms and conditions.



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