

**PURCHASING  
AND MATERIALS  
MANAGEMENT**



**City of Myrtle Beach  
SOUTH CAROLINA**

**(843) 918-2170  
FAX: (843) 918-2182  
www.cityofmyrtlebeach.com**

**Addendum 01  
June 28, 2022  
IFB 22-B0044  
Kayak Launch at Thunderbolt Park**

This addendum forms a part of the bidding documents and modifies the original bidding documents, dated June 2022. Acknowledge receipt of this addendum in the space provided on the bidding documents. Failure to do so may subject Bidder to disqualification.

The following items clarify, modify, change, delete from or add to the bidding documents. When any paragraph, subparagraph, or sub-subparagraph thereof is modified or deleted by this addendum, the unaltered provisions of that paragraph, subparagraph, or sub-subparagraph shall remain in effect. When any portion of a drawing is modified or deleted, the unaltered provisions of that drawing shall remain in effect.

- 1. Can we get a detail showing the girder attachment for the ramp?**  
The EZ Dock specifications are attached and are hereby made a part of this addendum.
- 2. Is there a screw pattern or bolt pattern that needs to be followed for the structure?**  
The EZ Dock specifications are attached and are hereby made a part of this addendum.
- 3. The detail drawing states “Trex” decking on sheet 5.**  
No Trex, disregard note.
- 4. Do you have a contact for EZ Dock?**  
Jeff Harvell (910-443-2154) [jeff@ezdockplus.com](mailto:jeff@ezdockplus.com)
- 5. Do you want a 5-foot clear span between the handrails? Do you have a detail for the handrails on the gangway and floating dock?**  
See the standard gangway and package from the EZ Dock specifications, which are attached and are hereby made a part of this addendum.

**6. Regarding the detail for the gangway and ramp going to the EZ Dock, do you want aluminum or can it be the flow-through decking? What angle should the transition plate be?**

We want the aluminum ramp from EZ Dock, with the angle of the transition plate as per the EZ Dock specifications, which are attached and are hereby made a part of this addendum.

**7. How many pounds per square inch on the ramp and deck?**

The EZ Dock specifications are attached and are hereby made a part of this addendum.

8. All aspects of the kayak launch must be ADA-compliant.

9. The correct address for Thunderbolt Park is 2290 Farrow Parkway, Myrtle Beach, SC 29577.

10. The lake is controlled by a dam, thus Contractors should plan for normal water levels. Fluctuations in water level are not expected unless we experience heavy rainfall.

11. The 120-day performance period is flexible due to supply chain issues. Contractor will be responsible for continuous communication with the City regarding project timeline.

12. Contractor is advised that there may be other projects going on in the area during the same time frame as this project.

Additional questions are due no later than close of business on Thursday, June 30, 2022. Questions may be submitted via e-mail to [asowers@cityofmyrtlebeach.com](mailto:asowers@cityofmyrtlebeach.com) All questions received by the deadline will be answered via addendum on July 8, 2022.

Sealed bids are due in the Purchasing Office no later than 2:00PM (local time) on Thursday, July 14, 2022. No electronic submissions will be accepted. The City of Myrtle Beach is not responsible for late or misdirected mail.

The mandatory pre-bid sign-in sheet is attached and is hereby made part of this addendum.

Please send in your bid in a sealed envelope to the address below:

City of Myrtle Beach  
3231 Mr. Joe White Avenue  
Myrtle Beach, SC 29577  
Attn: Purchasing Division/Ann Sowers

# EZ Dock Product Specifications



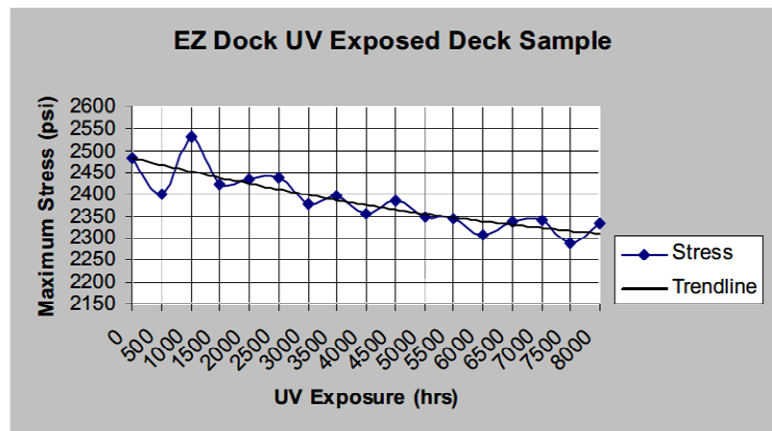
## *EZ Dock General Specifications* (Revision 04-07-13)

### 1. Float and Deck Design Standard

- 1.0 The individual dock section shall consist of decking surface and the float structure, which are to be constructed as a single, integrated component. Each section shall provide for the support of the dead load plus a specified live load of **62.5 pounds per square foot** (lb/ft<sup>2</sup>). This shall be accomplished without the use of foam for either structural integrity or floatation. The dock sections shall be manufactured by a rotational molding process and each dock section shall be subject to the specific parameters of the particular model.
- 1.1 The individual dock section shall consist of a specified number of interior, air filler pylons. These pylons shall provide for floatation in the event of a breach of an exterior wall of the dock section; as well as the structural support for the deck portion of the float. Each pylon shall support the dead load plus a live load of 55 pounds (lb). The volume of each pylon shall be no less than 1540 cubic inches (in<sup>3</sup>).
- 1.2 The individual dock sections shall be constructed of the following materials with the following general properties:

a. Virgin Polymer, Thermoplastic, Rotational Molding Grade **Linear Low Density Polyethylene**- (LLDPE)

b. An ultraviolet inhibitor system (UV-16) or better spectrometer specification. Laboratory testing conducted for 8000 hours yielded a 6.5% decrease in mechanical properties. The chart to the right shows the UV degradation trend line in relationship to mechanical property decrease over time. After the first 8000 hours the rate of decay is reduced significantly. Theoretical data indicated that the period of time between 8000 and 16000 hours yields an additional 0.7% decrease in mechanical properties.



*(Real life scenario- 8000 hours of UV exposure can be related to approximately 9 years and 16000 hours related to 18 years of outdoor usage in southern Florida. These results show that a life expectancy in excess of 30-40 years is attainable.*

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# EZ Dock Product Specifications



- c. A standard color of beige (or optional other) colorant in accordance with rotomolding standards.
- d. The **density** of the section shall be approximately .932 grams per cubic centimeter ( $\text{g}/\text{cm}^3$ ) or .0338 pounds per cubic inch ( $\text{lbs}/\text{in}^3$ ), per ASTM 792-00.
- e. The dock section shall have a cold **brittleness** temperature equal to, or less than,  $-130^\circ$  Fahrenheit (F), per ASTM D-746.

## 1.3 The properties of the exterior **wall thickness** of the dock sections shall be as follows:

- a. The mean exterior material thickness shall be no less than .310 inches (in).
- b. The corners shall be no less than .650 inches (in).
- c. The exterior edge thickness shall be no less than 0.50 inches (in) at any particular point.
- d. The walls of the dock sections shall resist a **shear** of no less than 1900 pounds per square inch ( $\text{lb}/\text{in}^2$ ), per ASTM D-732, as well as having the capability of resisting a mean minimum **impact** of no less than 207 foot pounds (ft-lb), per ASTM D5420.
- e. The **tensile strength** at average failure shall be no less than 2550 pounds per square inch ( $\text{lb}/\text{in}^2$ ) with 14% **elongation** at yield, per ASTM D-638-03.

## 1.4 The decking surface shall be composed of a textured or “orange peel” surface with a grid pattern for added adhesion during dry conditions. Drainage of the decking surface shall be accomplished through the use of troughs, which shall have a width of no more than 0.5 inches (in) and a depth of no more than 0.5 inches (in). The drainage troughs shall extend over the width of the dock and shall be positioned at intervals of no less than 4.5 inches (in) and no greater than 6.5 inches (in) over the entire length of the deck

- a. The deck shall have an approximate **coefficient of friction** equal to 0.35 during dry conditions and 0.61 during wet conditions. Simply put, the decking surface is 37% less slick when wet than when dry per ASTM D2394.
- b. The properties of the decking surface shall be as follows:
  - c. The mean deck thickness shall be no less than 0.315 inches (in).
  - d. The deck thickness shall be no less than 0.290 inches (in) at any particular point.

# EZ Dock Product Specifications



- e. The deck shall resist a punching shear which is no less than 1900 pounds per square inch (lb/in<sup>2</sup>), per ASTM D-732.
- f. The deck shall resist a minimum impact of no less than 120 foot pounds (ft-lb) near the center, or at the point where the deck is thinnest, per ASTM D-3029.
- g. The deck shall resist a minimum impact of no less than 150 foot pounds (ft-lb) within 16 inches (in) of the outside of the dock, per ASTM D-3029.

## 2. Floating Dock Structure

- 2.0 The dock structure, as a whole, shall consist of the individual sections, which are to be coupled together in the specific configuration desired by the purchaser. Any material used in the dock structure shall provide for resistance to rust, corrosion, and the effects of any fuel or gasoline. All material designed and selected for marine environment and the conditions there of.
- 2.1 A 2-D or 3-D layout drawing of the final configuration, including any accessories, shall be supplied for the purchaser if desired. Recommendations for anchorage can also be provided.
- 2.2 The dock structure shall act as one unit when assembled, so that wave and/or wind action shall produce a minimum amount of motion. The structure shall be secured with either piles, spuds, bottom anchors, or stiff arms. The securing shall allow the structure to rise and fall freely with any water level changes and allow the structure to span waves from crest to crest, while providing a stable walking surface.

## 3. Connections of Dock Sections

- 3.0 Each dock section shall have molded-in female-type pockets spaced symmetrically along the top and bottom edges, around the entire perimeter of the dock section. These pockets shall be spaced at 19.5 inch (in) intervals, center line to center line, from each other. *All un-used pockets are to be filled with supplied EZ Dock pocket filler (PN # 201030).*
- 3.1 The molded-in female-type pockets shall accept a male-type coupler which shall be secured into the female pocket with the use of a 0.5 inch (in) X 13 inch (in) coupler bolt and nut.
- 3.2 The purpose of such connections is to provide for simple assembly and disassembly, as well as providing for the securing of one section to another. The connection will also provide for the ability to attach EZ Dock accessories to the dock sections.

# EZ Dock Product Specifications



- 3.3 Each connection point shall allow for some slippage in the event that an extreme stress is applied. This slippage will allow for disconnection without causing damage either to the male-type couplers or the female-type pockets.
- 3.4 The dock sections shall be connected at increments of 19.5 inches (in), in relation to each other. These connections may be made from any one side of any dock section to any other side of another dock section. These connections may also be used to connect dock sections of differing dimensions and shall provide for ease of assembly, whether the sections are to be assembled on land or in the water.
- 3.5 The male-type coupler shall be constructed of recycled post/pre-consumer recycled tire rubber.
- 3.6 Each male-type coupler shall withstand a pullout force of no less than 2500 pounds (lb) before failure of coupler occurs.
- 3.7 Each of the molded in female connection pockets shall provide for a pullout strength of no less than 3500 pounds (lb), before damage is caused to the dock section.
- 3.8 The accessories shall be connected to the dock system through the use of molded in coupler pockets around the perimeter of the dock sections by the use of either male or female type half-couplers. The male-type half-coupler (hardware connector, PN # S21140SS) shall have a 3.625 inch "T"-bolt embedded within it. The female type half-coupler (hardware connector, PN # S21141SS) shall have a 3.625 inch "T"-nut embedded within it Both types of half-coupler shall withstand a pullout force of no less than 2600 pounds (lb) before failure occurs.

## 4. Cleats

- 4.0 The tie up cleats shall be constructed of nylon 6,6 and shall have a length of 8-1/16 inches (in) and a height of 1-1/2 inches (in). The cleats shall be connected to the dock sections by two 5/16 inch (in) stainless steel bolts that are threaded into two stainless steel "T" nuts which are molded directly into the dock section. Each of the "T" nuts shall provide for a pull out force of no less than 2000 pounds (lb), so that the cleat may withstand a force of no less than 4000 pounds (lb).
- 4.1 T-nuts shall be molded in the dock sections in sets of two, with the distance between the two "T" nuts being 2-1/4 inches (in).
- 4.2 There shall be three sets of "T" nuts placed along the length of each side of the dock section. The sets of "T" nuts shall be placed at equal distances between the first and second pockets, between the third and fourth pockets, and between the fifth and sixth pockets, along both sides of the dock section.
- 4.3 There shall be one set of "T" nuts at one end of the 40 inch (in) wide dock section placed at equal distances between the two pockets.

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# EZ Dock Product Specifications



- 4.4 There shall be two sets of “T” nuts at one end of the 60 inch (in) wide dock section placed at equal distances between the three pockets.
- 4.5 There shall be two sets of “T” nuts at both ends of the 80 inch (in) wide dock section. These “T” nuts shall be placed at equal distance between the first and second pockets, and between the third and fourth pockets.

## 5. Anchorage

- 5.0 The dock system shall be designed to allow for the use of piling of various sizes, spud pipes, cables, or chains attached to a bottom anchor, or stiff-arm attachments for anchorage. Calculations can be supplied at purchaser’s request to support designed anchorage with the assumption that all collected data is accurate. Calculations, permitting, and licensed engineering design available at customer’s expense.

## 6. Hand Railing Attachment

- 6.0 The dock structure shall have the ability to accept railing which is constructed to meet the standards established by the Americans with Disabilities Act (ADA), States Organization for Boating Access (SOBA) and the National Uniform Building Code (NUBC). The railing shall be constructed of 1.5 inch (in) O. D., 14 gauge steel tubing. The steel tubing shall be finished either by a 0.003 inch (in) Hot-Dip Galvanizing or by powder coating painting process.

## 7. Gangways and Access

- 7.0 All construction is to be accordance with the minimum provisions of States Organizations for Boating Access (SOBA) and the guidelines stated by, “Marinas and Small Craft Harbors”. Gangways will be offered in several different material options but the offerings for loads, handrails, guardrails, transition plates, float mounts, shore mounts, and general designs will remain constant. Environmental conditions will influence the accessibility. Design layouts and advice can be supplied at request.
- 7.1 Gangways and Access Ramps shall be designed to support 90 pounds per linear foot (lbs/ftln). The deck and structural components shall be designed to support a concentrated load of 400 applied to any 12 inch X 12inch square. Lateral designed wind loads shall not exceed 77MPH.
- 7.2 Handrails shall be continuous along both sides of the of the walking surface and shall extend 12 inch past the walking surface on both ends. The top rail portion shall not be less than 34 inches nor more than 38 inches above the walking surface. The ends of the handrails shall be returned into the handrail body or terminate with no sharp or catching edges. The mounting and components of the handrails shall be capable of withstanding a lateral load of 50 pounds per linear foot.

# EZ Dock Product Specifications



7.3 Decking shall be per project specification and be skid resistant and made from marine grade appropriate materials.

## 8. Main Docks

8.0 The main docks are the walkways which are subjected to the most amount of traffic. These should be designed to provide for comfortable and easy walking widths. Design of the dock system for such things as pumps, power supplies, storage boxes, etc. to be attached to them, the overall width of the dock sections should have a minimum width of 60 inch (in) wide This will provide ample width for pedestrian traffic.

## 9. Finger Docks

9.0 The finger widths should be designed to allow for safe and comfortable walking widths. For boat or vessel mooring, a 40 inch (in) wide dock is sufficient to provide for finger stability as well as pedestrian safety for finger lengths up to 20 feet (ft) long. If the length of the finger exceeds 20 feet (ft) long, the 60 inch (in) or 80 inch (in) wide docks should be strongly considered.

## 10. Wind Exposure

10.0 Boat Profile Height – According to the American Society of Civil Engineers (ASCE) manual published in 1969, for the average height profile compared to the length of the boat, the following will apply.

- For a 10 foot (ft) long boat:  
ASCE average height is 3 feet (ft).  
For future considerations, will assume average heights up to 6 feet (ft).
- For a 20 foot (ft) long boat:  
ASCE average height is 3.5 feet (ft).  
For future considerations, will assume average heights up to 7 feet (ft).
- For a 25 foot (ft) long boat:  
ASCE average height is 3.6 feet (ft).  
For future considerations: will assume average heights up to 7.2 feet (ft).
- For all calculations done using the average boat profile heights, it will be considered that 100% of the boats using the dock will be twice the ASCE average profile.

10.1 Maximum Wind Exposure – From studies it has shown that forces caused by the maximum wind exposure comes from an angle to the boat, instead of directly to the side or to the front of the boat. Due to the non-feasibility of designing a dock system to handle a maximum tornado wind gust, it is suggested that a reasonable wind speed should be chosen. According to the design standards set up by the



# EZ Dock Product Specifications



Army Corps of Engineers, the dock system should be designed to withstand wind speeds of up to 77 miles per hour (mph) or 15 pounds per square foot (lb/ft<sup>2</sup>).

10.2 Hidden Boats – It is a common practice to use load factors of 10% to 15% for each hidden boat affected by wind force. That is, every boat that is shielded by another boat, either in front of, or on the side of, will have a decrease in the amount of force which is applied to that boat due to the affect of the shielding boat. The use of a force factor of 15% per hidden boat shall be used in any calculations.

10.3 Load From Various Directions – In the designing of the boat dock system, if piles are to be used as the means of support, it is necessary to take into account the force being applied in the direction of the maximum wind exposure only. However; if chains, cables, or deadweights are to be used as the means of support, it would be necessary to take into account the wind exposure from all directions, when designing the dock system.

## 11. Load Design

### 11.0 Dead Load

- a. The dead load shall consist of the entire dock system plus any additional attachments to the dock system.
- b. Each dock section, without additional attachments, shall provide a **freeboard** of approximately 12.75” inches (in).
- c. The surfaces of adjacent deck surfaces shall have an elevation difference of no more than 0.125 inches (in).
- d. The ends of the fingers shall have an elevation of no more that 1 inch (in) above that of the main dock.
- e. The deck surface of each dock section shall not slope more than 0.5 inches (in) over the 10 foot (ft) length of the dock section.
- f. The deck surface of each 80 inch (in) X 10 foot (ft) dock section shall not slope more that 0.35 inches (in) over the width of the dock section.
- g. The deck surface of each 60 inch (in) X 10 foot (ft) dock section shall not slope more than 0.25 inches (in) over the width of the dock.
- h. The deck surface of each 40 inch (in) X 10 foot (ft) dock section shall not slope more than 0.15 inches (in) over the width of the dock section.

### 11.1 Live Load Due To Vertical Loads

- a. Under dead load conditions plus an additional 30 pounds per square foot (lb/ft<sup>2</sup>) of uniform live load, flotation shall provide for a minimum of 7 inches (in) of freeboard.
- b. The dock structure shall support a concentrated vertical load of up to 400 pounds (lb)

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# PRODUCT SPECIFICATION GUIDE

## 2022



#### Low Maintenance and Barefoot Friendly

- EZ Dock polyethylene docks are durable and slip resistant
- Won't splinter or rot, never needs painting
- Cleans easily with soap and water



#### Adaptable Design

- Unique design delivers outstanding load capacity, functionality, and safety
- Variety of dock sections, boat/PWC lifts, and launches for kayaks
- Easily customizable design to make your perfect waterfront retreat



#### Flexible Flotation Technology

- Flotation chambers constructed for optimal strength and structural integrity
- Designed to provide additional stability on the water
- Dock sections adapt easily to changing water conditions and levels



#### Innovative Coupling

- Made of recycled materials
- Nuts and bolts made of heavy duty, rust resistant composite
- Strength and durability even in the harshest weather conditions



#### American Made

- Proudly for 30 years

For questions about features, operation/performance, parts, accessories, or installation, call your local EZ Dock dealer.

## DOCK SECTIONS

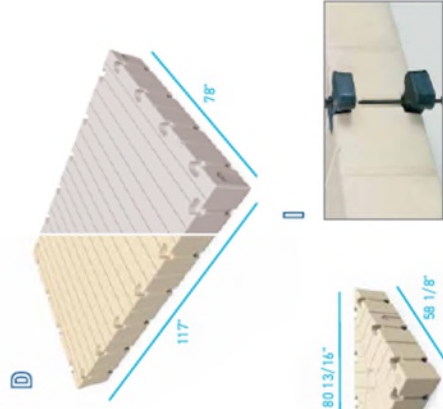
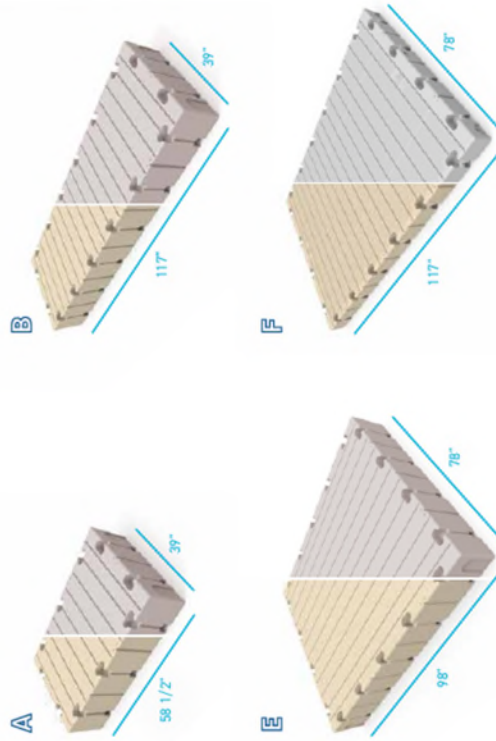
**They have the best features built right in.**  
These sections are molded to be durable, slip-resistant, and low-maintenance. Slip-resistant texture is molded right into the top, so these docks are safer than wood or concrete for bare feet. The materials are made to last, with no need for repainting or maintenance for rot and splintering.

**They create customizable dock systems.**  
Our dock sections come in multiple shapes and sizes, so they can be configured to your exact specifications. The range of choices means you get the design you need for your commercial or residential dock.

**They are more durable.**  
Traditional floating docks are one section, which can make them stiff and unyielding in harsh weather, increasing the risk of damage. In bad weather, EZ Dock sections move independently, making your system stronger and more resistant to damage. This bit of give has allowed EZ Dock systems to withstand even tropical storms.

**They are easy to install.**  
All you need to do is join each section with the innovative couplings and tighten the bolts. Your dock will be up and running in no time, providing a perfect spot for boating, fishing, and swimming.

Part #	Model	Color	Size	Weight	Floatation
204060	Baby Dock Section	Beige ● Grey ●	39" X 58-1/2" X 14-5/8"	167 lbs.	2000 lbs.
204010	40" Dock Section	Beige ● Grey ●	39" X 117" X 14-5/8"	95 lbs.	1000 lbs.
204010	60" Dock Section	Beige ● Grey ●	58-1/2" X 117" X 14-5/8"	257 lbs.	3000 lbs.
208010	80" Dock Section	Beige ● Grey ●	78" X 117" X 14-5/8"	295 lbs.	4000 lbs.
208008	100" Dock Section	Beige ● Grey ●	98" X 78" X 14-5/8"	339 lbs.	3100 lbs.
158010	80" Low Profile Dock Section	Beige ● Grey ●	78" X 117" X 7-5/8"	250 lbs.	1900 lbs.
260120	Half Hex. Dock Section	Beige ● Grey ●	58-1/2" X 59" X 117" X 14-5/8"	189 lbs.	2000 lbs.
300503	Tri Dock Section	Beige ● Grey ●	58-1/8" X 58-1/8" X 80-13/16" X 14-5/8"	70 lbs.	750 lbs.
301100	Coupler Set w/ Hardware	Black ●		7 lbs.	



## PERSONAL WATER CRAFT PORTS



**Ease of use and access**  
EZ Ports feature a raised bow that helps prevent overshooting the port, with no winching, cranking, pumping, or hoisting needed.

**Flexibility**  
All EZ Ports can be linked together and easily adapted to other floating and fixed docks using our revolutionary EZ Port® coupler system with EZ Dock connectors.

**Stability**  
Our proprietary flotation chamber and nylon design provides enhanced buoyancy and stability to reduce movement even in rough water and stormy conditions. EZ Port also provides plenty of space on the front and either side of the port to allow PWC users to find their footing comfortably.

**Protection**  
EZ Port PWC lifts move with changing water levels, protecting personal watercraft from waves, wind, and the damage they can cause. Our personal watercraft ports are also covered by an industry-leading 8-year warranty.

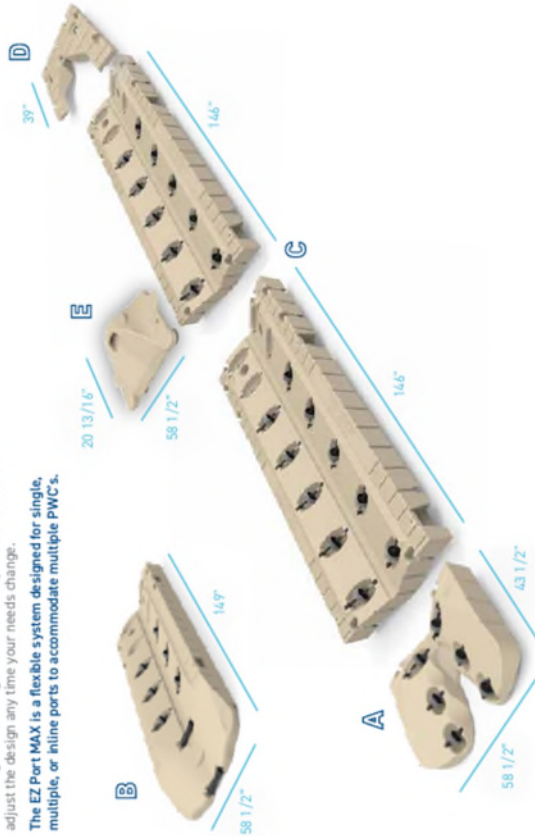
**Low maintenance and barefoot friendly**  
EZ Dock's polyethylene ports are durable and slip resistant. They won't splinter or rot and never need painting. They are easy to clean with a pressure washer or EPA-approved cleaning solutions.



## EZ PORT MAX INLINE

The modular, adjustable, and expandable EZ Port MAX PWC port system is built to accommodate multiple PWC's of different shapes. The EZ Port MAX is one of the most flexible options available and can be customized to maximize slip spaces with tandem inlines that help you accommodate more PWC's per slip. Just configure the design that best suits your waterfront and adjust the design any time your needs change.

The EZ Port MAX is a flexible system designed for single, multiple, or inline ports to accommodate multiple PWC's.



Part #	Model	Color	Size	Weight
208013PW	EZ Port 280	Beige	156" x 78" x 14-5/8"	330 lbs.
208013PW-EZGR		Grey		
206037PW	EZ Port VAP	Beige	153" x 58-1/2" x 14-5/8"	325 lbs.
206037PW-EZGR		Grey		
206036PW	EZ Port 2i	Beige	168" x 58-1/2" x 14-5/8"	350 lbs.
206036PW-EZGR		Grey		
2060288S-EZ	Bow Stop Kit, 2i	Beige		
2060288S-EZGR		Grey		

Flotation Drive-On-Watercraft Dock | US Pat. 7669872 | CAN Pat. 2353270

Part #	Model	Color	Size	Weight
206033EX	EZ Port MAX Easy-Lift Entry	Beige	43-1/2" x 58-1/2" x 10-7/16"	95 lbs.
206033EX-EZGR		Grey		
206030PW	EZ Port MAX Entry	Beige	149" x 58-1/2" x 10-7/16"	266 lbs.
206030PW-EZGR		Grey		
203031PW	EZ Port MAX Extension	Beige	146" x 58-1/2" x 10-7/16"	266 lbs.
203031PW-EZGR		Grey		
206025BS	EZ Port MAX Full Deck Bow	Beige	39" x 58-1/2" x 10-1/2"	65 lbs.
206025BS-EZGR		Grey		
206027BS	EZ Port MAX Small Bow	Beige	38-1/2" x 20-13/16" x 15"	16 lbs.
206027BS-EZGR		Grey		

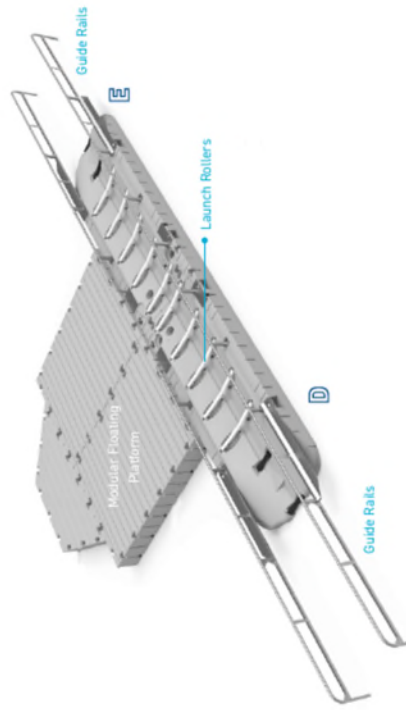
Modular Floating Watercraft Port Assembly | US Pat. 7918378

## EZ LAUNCH® COMMERCIAL

**Launch System for Kayaks with Universal Access**  
 A first in the industry, the EZ Launch® Accessible Transfer System for kayaks and canoes provides individuals with disabilities accessibility that exceeds the minimum requirements of the Americans with Disabilities Act (ADA). The easy-to-use transfer bench and transfer slide boards allow users to simply sit, slide over, and drop down into a kayak or canoe then use the side rails to pull off or back on.

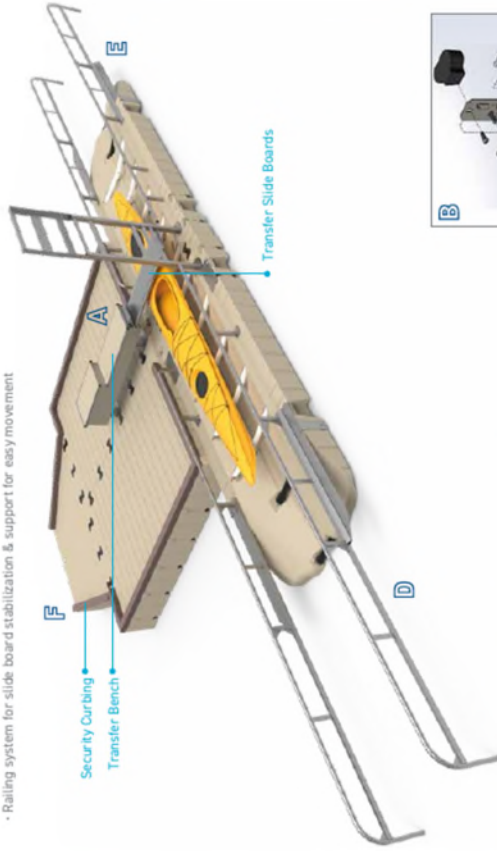
**EZ Launch Commercial Features**

- Guide rails for easy access in and out of the water
- Launch rollers for easy movement of the watercraft
- Floating platform that adjusts to changing water levels



### EZ Launch Universal Access Features

- Transfer bench with two heights for easy transfer from wheelchair
- Transfer slide board with two heights for differing watercraft sizes
- Railing system for slide board stabilization & support for easy movement



Part #	Model	Weight
A	EZ Launch Transfer System	350 lbs.
B	EZ Launch Adjustable Adapter Kit	23 lbs.
C	EZ Launch Extension Railing	126 lbs.
D	EZ Launch Entry Railing Left	126 lbs.
E	EZ Launch Entry Railing Right	126 lbs.
F	Security Curbing	
Not Shown	PVC Sleeved Roller	

Boat Entry Assistance System | Part # 9700018

## EZ LAUNCH® COMMERCIAL CUSTOMIZED SOLUTIONS

EZ Launch® Drive Thru with Transfer Bench & Small Platform



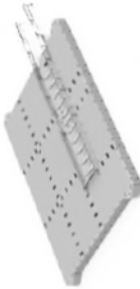
EZ Launch® Multiple One-way with Transfer Bench



EZ Launch® One-way with Large Platform & Boat Slip



EZ Launch® One-way & Extra-Large Platform



EZ Launch® One-Way with Transfer Bench, Handrail, & Large Platform



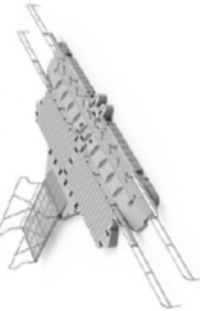
EZ Launch® Drive Thru with Large Platform



EZ Launch® One-Way with Small Platform & Tri Dock



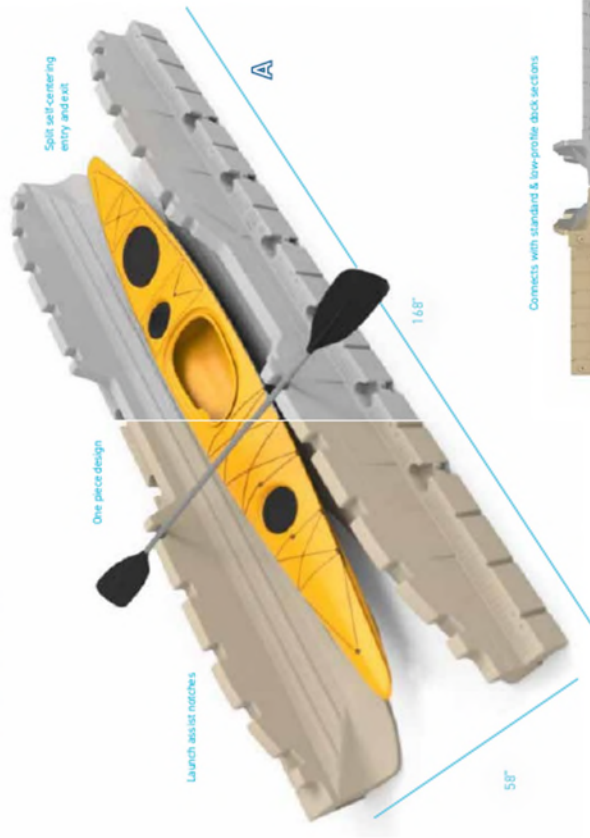
EZ Launch® Drive Thru with Small Platform



## EZ LAUNCH® RESIDENTIAL

### EZ Launch Residential Features

- Dock entry enables stable, dry entry.
- Launch-assist paddle notches support easy entry/exit. V-shaped entry centers vessel for a confident, consistent launch.
- Engineered to connect with virtually any dock (EZ Dock or any other dock).
- Fits canoes, tandem kayaks, stand-up paddleboards, etc.



Connects with standard & low-profile dock sections



Part #	Model	Color	Size	Weight	Floatation
200900	EZ Launch for Kayaks	Beige <input checked="" type="radio"/>	168" x 58" x 24"	400 lbs.	750 lbs.
200900-EZGR		Grey <input checked="" type="radio"/>		N/A	N/A
200683	EZ Launch Extension RAIL	Aluminum <input checked="" type="radio"/>		N/A	N/A
208112	EZ Launch Slide Bunk Kit	Blue <input checked="" type="radio"/>		N/A	N/A

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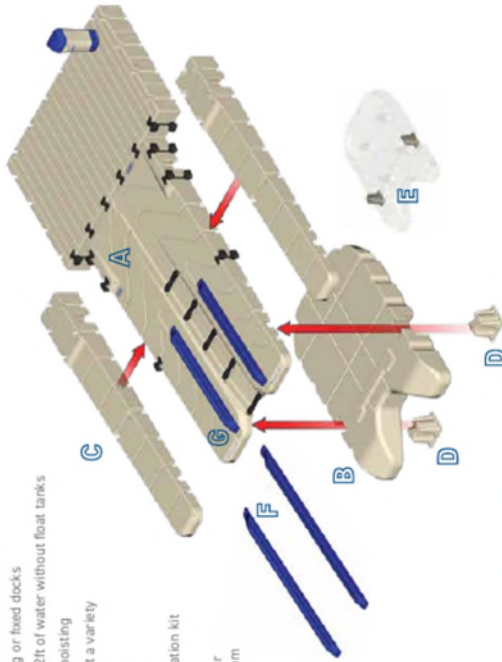
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## EZ BOATPORT®

The EZ BoatPort is a simple and stable drive-on, drive-off method of docking for boats in a wide range of sizes up to 4,000 lbs.

### EZ BoatPort Features

- Configurations to fit multiple boat shapes and sizes
- Works with existing floating or fixed docks
- Can be used in as little as 2ft of water without float tanks
- No winching, cranking, or hoisting
- Two skid bunk options to fit a variety of hull shapes and sizes
- Up to three additional keel rollers for longer boats
- Optional supplemental flotation kit for added buoyancy
- Optional side extensions for additional walk-around room



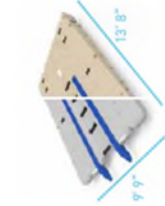
Part #	Model	Color	Size	Weight	Flotation
208015BL	EZ BoatPort	Beige	164" x 78" x 14.5/8"	500 lbs.	2000 lbs.
208015BL-EZGR	EZ BoatPort	Grey	164" x 78" x 14.5/8"	500 lbs.	2000 lbs.
208015FT	EZ BoatPort Float Tank	Beige	111" x 78" x 19.4/25"	240 lbs.	2000 lbs.
208015FT-EZGR	EZ BoatPort Float Tank	Grey	111" x 78" x 19.4/25"	240 lbs.	2000 lbs.
208015EX	EZ BoatPort Side Extension	Beige	164" x 20" x 14.4/25"	140 lbs.	500 lbs.
208015EX-EZGR	EZ BoatPort Side Extension	Grey	164" x 20" x 14.4/25"	140 lbs.	500 lbs.
20810L	EZ BoatPort H Connector	Beige	13.5" x 7.5" x 1/2"	15 lbs.	N/A
20810L-EZGR	EZ BoatPort H Connector	Grey	13.5" x 7.5" x 1/2"	15 lbs.	N/A
20810S	EZ BoatPort T Connector	Beige	13.5" x 7.5" x 1/2"	7 lbs.	N/A
20810S-EZGR	EZ BoatPort T Connector	Grey	13.5" x 7.5" x 1/2"	7 lbs.	N/A
208101	EZ BoatPort Long Bunk	Blue	108" x 8" x 10"	35 lbs.	N/A
208102	EZ BoatPort Short Bunk	Blue	75" x 8" x 5"	33 lbs.	N/A

## EZ BOATPORT® CUSTOMIZED SOLUTIONS

EZ Dock commercial and residential boat ports are a fast and simple solution if you need a low-maintenance, stable, durable, drive-on boat dock.

Long (L) and Short (S) bunk options.

**EZ BoatPort with Side Extensions 140 sf**  
BP3000-EZGR, BP3000



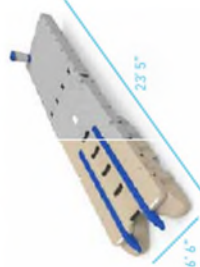
**EZ BoatPort with Side Extensions & Large Platform 190 sf**  
BP3001-EZGR, BP3001



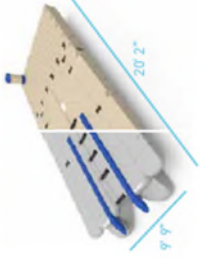
**EZ BoatPort with Float Tank, Air Assist, & Large Platform 240 sf**  
BP5001-EZGR, BP5001



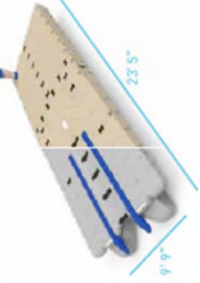
**EZ BoatPort with Float Tank, Air Assist, & Large Platform 154 sf**  
BP4001-EZGR, BP4001



**EZ BoatPort with Side Extensions, Float Tank, Air Assist, & Large Platform 240 sf**  
BP5000-EZGR, BP5000



**EZ BoatPort with Side Extensions, Float Tank, Air Assist, & Large Platform 240 sf**  
BP5001-EZGR, BP5001



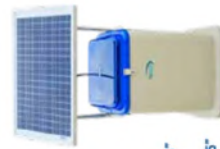
## AIR ASSIST PUMPS



**Manual, 110VAC, Kit**  
600053  
16" x 14" x 20"  
Aluminum  
Diamond Plate



**Remote, 110VAC, Kit**  
600052-EZGR, 600052  
16" x 14" x 20"  
Beige or Grey



**Solar Manual 24V**  
600046-S  
**Solar Remote 24V**  
600048-S  
Box 15" x 13" x 27.5"  
Solar Panel  
27.5" x 23.75" x 1.25"  
Beige or Grey

## ANCHORING

Once you've created your EZ Dock, you'll need to select an anchoring system to work with your existing piling or your new installation. Our wide variety of anchoring components can accommodate most water conditions and bottoms (deep, shallow, rough, muddy, or sandy) and are simple to install. EZ Dock anchoring products are made from long-lasting, durable materials that can accommodate standard or heavy-duty use. Your local dealer can help you select the anchoring system that's right for your location. Call us at 1-800-654-8168.



**STANDARD PIPE BRACKET**  
Standard-duty polyethylene bracket provides simple anchoring for parts and smaller docks.



**HEAVY-DUTY PIPE BRACKET**  
Heavy-duty polyethylene pipe bracket allows docks to adjust to changing water levels.



**HEAVY-DUTY PIPE BRACKET W/ INSERT**  
Heavy-duty polyethylene pipe bracket allows docks to adjust to changing water levels.



**STIFF-ARM BRACKET**  
Includes hardware. Order stiff-arm insert, post sleeve, and anchoring pipe separately.



**STIFF-ARM HEAVY DUTY BRACKET**  
Anchor to a shoreline abutment or to a shoreline post. Light-duty also available.



**POLY PIPE STAND-OFF BRACKET**  
Bracket attaches top of pipe to stationary docks. Fits pipe from 2.5" to 3.5" O.D.



**ADJUSTABLE PILING BRACKET**  
Heavy-duty pipe sleeve bracket allows lateral position adjustment to attach to piles from 6"-18" in diameter. Bracket comes with two pairs of couplers with composite hardware.



**PILING BRACKET AND HOOPS**  
Provides for hoops (solid rectangular) and includes nuts and connectors. SS hardware available.



**DEADWEIGHT BRACKET**  
For light-duty anchoring with chains and/or to attach 4" (10cm) x 4" (10cm) railing or mooring posts. Sold in pairs. Chain sold separately.



**DEADWEIGHT SLEEVE INSERT**  
Deadweight insert anchors heavy-duty PE pipe bracket to docks in deep water or rocky bottoms.



**DEADWEIGHT WINCH INSERT**  
Deadweight insert and cable winch added to our polyethylene pipe bracket allows easy dock adjustment for water fluctuations. Cable sold separately.



**ADAPTOR HINGE**  
For EZ Dock EZ Port PVC fits. EZ Port PVC fits for EZ Dock sections to be attached to other floating docks.



**PIPE AUGERS**  
Auger with bolt and nut allows for drilling and setting pipe in talls, river, or ocean bottoms. Pipe sold separately.

Part #	Model	Size
A	Standard Pipe Bracket	For 2.375" (6cm) O.D. Pipe For 3.5" (9cm) O.D. pipe
B	Heavy-Duty Pipe Bracket	For 2.375" (6cm) O.D. pipe For 3.5" (9cm) O.D. pipe
C	Heavy-Duty Pipe Bracket with Insert	For 2.375" (6cm) O.D. Pipe For 3.5" (9cm) O.D. pipe
D	Stiff-Arm Bracket	Mainframe Bracket 2" post sleeve I.D. post sleeve for stiff arm
E	Stiff-Arm Heavy Duty Bracket	Frame & Yoke (shown) Sea wall attachment bracket (not shown)
F	Poly Pipe Stand-Off Bracket	Frame & Yoke (as shown)
G	Adjustable Piling Bracket (NEW)	75" x 8" x 5"
H	Piling Bracket (for hoops below)	
	Hoop for Piling Bracket	4" Hoop
	Hoop for Piling Bracket	6" Hoop
	Hoop for Piling Bracket	8" Hoop
	Hoop for Piling Bracket	12" Hoop
	Hoop for Piling Bracket	16" Hoop
	Hoop for Piling Bracket	20" Hoop
	Hoop for Piling Bracket	24" Hoop
I	Deadweight Bracket Kit	
	Deadweight Bracket Kit Stainless	
	Bracket & insert for 3.5" O.D. pipe	
J	Deadweight insert for #210350 assembly	
K	Deadweight winch insert	
	Heavy Duty Dock Bracket for winch insert	
	Adapter Hinge	
	Adapter Hinge Stainless	
L	EZ Port Adapter Hinge	
	EZ Port Adapter Hinge Stainless	
M	Pipe Auger	For 2.375" O.D. Pipe For 3.5" O.D. Pipe



## ACCESORIES

With the EZ Dock modular system, you can add a wide variety of accessories including storage boxes, bumpers, cleats, benches, ladders, and slides using our easy-to-use coupling system. Do you have a specialty item or piece of equipment that you want affixed to your dock? Simply use our hardware connectors to bolt it directly to the section you choose. It's that easy.



**CORNER STORAGE BOX**

The EZ Dock's most recent design makes the most of available space without interfering with foot traffic. Also available in connection boxes for complete utility hookups.



**SWIM LADDER**

Our piece of polyethylene ladder is designed for 600-pound or more capacity. Strong, durable, textured surface stays cool in hot weather.



**STORAGE BOX**

Designed and constructed of weather-resistant materials, the EZ Dock Storage Box is a great place to store life jackets, towels, and other essential supplies.



**DOCK BUMPER**

This dock bumper is designed to protect the hull, gunwale and stern of your boat. It will attach to dock using unbracketed T-Fruts.



**CORNER GUSSET**

To help you use your dock surface and add dock stability, the EZ Dock Corner Gusset adds dock strength and additional stability to dock corners when needed. Fruts are available in 33.5" (85cm) wide, 6" (15cm) high.



**POLY BENCH WITH ARM-RESTS**

This bench is designed to protect the hull of your boat. It is made of any open 3-pocket span on an EZ Dock product.



**TIE-DOWN CLEAT**

Use tie-down cleats and other accessories to attach to heavy-duty stainless-steel T-fruts molded in pairs around dock section perimeters.



**DOCK SLIDE**

Utilizes rugged polyethylene-coated strips, and a heavy-duty stainless-steel T-frut to provide a low-friction, non-slip surface. Installation requires a water depth is more than 5'. (Requires use of 21807 dock sections.)



**POLY BENCH WITHOUT ARM-RESTS**

Our heavy-duty 2" x 6" x 24" aluminum tubing. Installs along any open 3-pocket span on an EZ Dock product.



**IN-WATER INSTALLATION TOOL**

In-water connection tool for dock sections.



**SOCKET ADAPTER TOOL**

Socket tool for connection hardware.



**TIE-DOWN CLEAT**

Use tie-down cleats and other accessories to attach to heavy-duty stainless-steel T-fruts molded in pairs around dock section perimeters.



**SUPPLEMENTAL FLotation POD**

This float pod is designed to add 200lbs. (90 kg) of buoyancy to your dock. It is made of most dock nylon slings.



**UTILITY CHANNEL**

Use utility channels to dock sections for utility lines. Stainless steel hardware option.



**DOCK WHEELS**

Steel frames with polyethylene wheels make movement of docks easier. Sold in pairs.

Part #	Model	Color
I 300100	8" Tie-down Cleat	Black
J 300110	10" Tie-down Cleat	Aluminum
302060	5" x 20" Utility Channel	Beige
302020	20" x 20" Utility Channel	Grey
302020-EZGR	20" x 20" Utility Channel	Beige
302030	20" Inside Corner	Grey
302030-EZGR	20" Inside Corner	Beige
302040	20" Outside Corner	Grey
302040-EZGR	20" Outside Corner	Beige
300600	Dock Slide	Blue
300600FG	Dock Slide	Forest Green
208110	Supplemental Flotation Pod	Beige
208110-EZGR	Supplemental Flotation Pod	Grey
900050	Dock Wheels	Black
201040SS	Hardware Connector Male	Black
201041SS	Hardware Connector Female	Black



**HARDWARE CONNECTORS (MIF)**

For attaching various accessories. .425" SS bolts and nuts.

Part #	Model	Color
A 300760	Corner Storage Box w/Gusset	Beige
300760-EZGR	Corner Storage Box w/Gusset	Grey
B 300750	Storage Box	Beige
300750-EZGR	Storage Box	Grey
C 300911	Corner Gusset	Beige
300911-EZGR	Corner Gusset	Grey
D 300260	Swim Ladder	Beige
300260-EZGR	Swim Ladder	Grey
E 300180	Dock Bumper	Beige
300180-EZGR	Dock Bumper	Grey
300970AL	Poly Bench with Arm-rests	Beige
300970AL-EZGR	Poly Bench with Arm-rests	Grey
G 300955AL	Poly Bench without Arm-rests	Beige
300955AL-EZGR	Poly Bench without Arm-rests	Grey
H 900010SS	In-Water Installation Tool	Stainless Steel
I		

## BOAT LIFT AEGIS 7 BOAT LIFT

EZ Dock's newest entry in the boat lift category is the Aegis™ 7 Boat Lift. This boat lift promotes fast and convenient access to your boat and keeps it looking like new. EZ Dock offers a complete system including new air-assist pumps in both 110 volt (standard) and solar models (optional). Each boat lift is available with manual control (standard) placed near the lift or with remote control (optional). The Aegis boat lift tank system is precision-molded with linear low-density polyethylene (LLDPE), resistant to the worst weather conditions, and low water damage. The lift keeps the boat out of the water and free from marine growth on outdrives and the hull of your boat. The frame is constructed from hot-dipped galvanized steel and corrosion-resistant hardware. The lift also allows you to have easy access to your waterfront to eliminate difficult maintenance challenges. The lift is compatible with EZ Dock products and traditional dock systems. Through the use of our air assist pumps, the new boat lift is capable of hoisting boats up to 7,000 lbs., in weight and 28 feet in length. The Aegis 7 Boat Lift features fully adjustable standard bunk locations for V hull boats, with the ability to customize as needed for a variety of hull configurations. The lift also features premium low-friction and high strength, ultra-high molecular weight (UHMW), polyethylene bearing surfaces.



Part #	Model
BL7000	Aegis 7 Boat Lift - VHULL
BL7000PT	Aegis 7 Boat Lift - PONTON
BL7000TT	Aegis 7 Boat Lift - TRITON
BL7000WB	Aegis 7 Boat Lift - WAKE BOAT

Dimensions 10'-12" Wide x 13' 8" Long

Lift Capacity Up to 7000 lbs.

Weight ~1000 lbs

# of Tanks 2

Slip Wch 10'-12"

Minimum Water Depth 5'

Boat Length Capacity Up to 28'

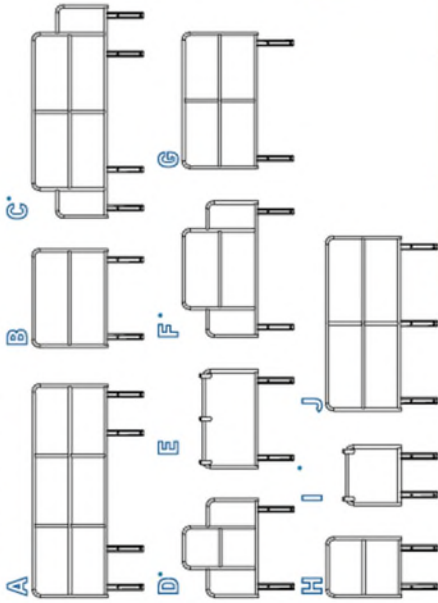
Tank Color Blue



## RAILING

Aluminum 42" (1.1m) high guardrails meet SOBA and ADA guidelines and are designed to provide security with minimal obstruction. Choose the standard aluminum finish or optional powder-coated finish—available in sand, royal blue, brown, forest green (shown below). Hardware included.

- FRG - Forest Green
- DBW - Brown
- BLU - Blue
- BEI - Beige
- AL - Aluminum, standard



Part #	Model	Color	Size
A 100910AL	Style 910	Aluminum	10' (3m) Width
B 100911AL	Style 911	Alum. Powder Coat	5' (1.5m) Width
C 100912AL	Style 912	Alum. Powder Coat	10' (3m) Width
D 100915AL	Style 915	Alum. Powder Coat	5' (1.5m) Width
E 100916AL	Style 916	Alum. Powder Coat	5' (1.5m) Width
F 100917AL	Style 917	Alum. Powder Coat	80" (2m) Width
G 100918AL	Style 918	Alum. Powder Coat	80" (2m) Width
H 100919AL	Style 919	Alum. Powder Coat	40" (1m) Width
I 100920AL	Style 920	Alum. Powder Coat	40" (1m) Width
J 100921AL	Style 921	Alum. Powder Coat	100" (2.5m) Width
K 100900-EZGR	Poly Post Handrails	Alum. Powder Coat	Grey



**POLY POST HANDRAILS**  
 Attach to your railing. Can be used as a grab or accessory attachment post. 8 embedded T-nuts for cleat attachment and rearward holes that can be drilled for tube or rope handrails. (Handrails and Cleats not included.)

## GANGWAYS ALUMINUM

EZ Dock's aluminum gangways are well suited for residential or commercial applications in both fresh and salt water. The gangways are made from corrosion resistant 6000 series aluminum and are not only strong, but they are low maintenance and can be easily cleaned. No painting or staining is required to keep them looking great for years to come. Constructed in accordance with the minimum provisions of States Or ganizations for Boating Access (SOBA), standard EZ Dock aluminum gangways also meet ADA guidelines. The gangways offer continuous handrails extending 12 inches past the walking surface on both ends, and kick plates are standard features. Aluminum gangways support 90 pounds per linear foot and a concentrated load of 400 pounds applied to any 12" X 12" area. This latest version of the aluminum gangways is more rigid and yet adapts to all types of weather conditions. They include detachable handrails, making the shipping, handling, and assembly significantly less labor intensive. The slip resistant decking used is specifically made for marine applications. It has a multi-finish and knurl pattern to provide better footing. The gangways come in 3' and 5' widths, with length options from 8' to 32'. The gangways are compatible with all existing EZ Dock shore mounts, rollers, and transition plates.

**Stability** Cool, slip-resistant surface provides maximum stability and support as you walk to your dock or launch

**Durability** Capacity of 400 lbs. per square foot, with welded aluminum walkway structure

**Customization** Can be customized with components designed to make it easier to link the shore, gangway, and dock together



Aluminum Gangways - 3' Wide, Aluminum Decking, Detachable Aluminum Railing and Hardware

Part #	Model - Product Description	Length	Width (Inside)	Width (Outside)	Weight
G400308	Gangway at 3' x 8' w/hardware, railings, AL deck	8'	36"	41"	202
G400312	Gangway at 3' x 12' w/hardware, railings, AL deck	12'	36"	41"	281
G400316	Gangway at 3' x 16' w/hardware, railings, AL deck	16'	36"	41"	372
G400320	Gangway at 3' x 20' w/hardware, railings, AL deck	20'	36"	41"	469
G400324	Gangway at 3' x 24' w/hardware, railings, AL deck	24'	36"	41"	524
G400328	Gangway at 3' x 28' w/hardware, railings, AL deck	28'	36"	41"	618
G400332	Gangway at 3' x 32' w/hardware, railings, AL deck	32'	36"	41"	688

Aluminum Gangways - 5' Wide, Aluminum Decking, Detachable Aluminum Railing and Hardware

G400508	Gangway at 5' x 8' w/hardware, railings, AL deck	8'	60"	65"	262
G400512	Gangway at 5' x 12' w/hardware, railings, AL deck	12'	60"	65"	385
G400516	Gangway at 5' x 16' w/hardware, railings, AL deck	16'	60"	65"	480
G400520	Gangway at 5' x 20' w/hardware, railings, AL deck	20'	60"	65"	585
G400524	Gangway at 5' x 24' w/hardware, railings, AL deck	24'	60"	65"	687
G400528	Gangway at 5' x 28' w/hardware, railings, AL deck	28'	60"	65"	805
G400532	Gangway at 5' x 32' w/hardware, railings, AL deck	32'	60"	65"	900

## GANGWAYS POLYETHYLENE

Engineered with the same technology and quality as our dock sections, EZ Dock gangways offer uncompromised durability and modular versatility. Gangways are manufactured from aluminum or polyethylene.

Molded Plastic Gangway  
US Pat. # 12184



Gangway 404010  
10' section polyethylene gangway.  
(Railing and Roller Kit are sold separately.)



**GANGWAY ROLLER KIT**  
300300, 300400, 300450  
Gangway Roller Kit allows end of gangway to adjust to changing water levels. PVC and galvanized steel roller available for 3' and 5' widths.



**HINGE-TO-FLOAT**  
G200360, G200560  
400410, 400460, 400480  
Hinged bracket with hardware attaches gangway to dock.



**GALVANIZED GANGWAY TO DOCK KIT**  
400440, 400480  
Kit will include all hardware to attach gangway centered on 3 or 4 pockets.



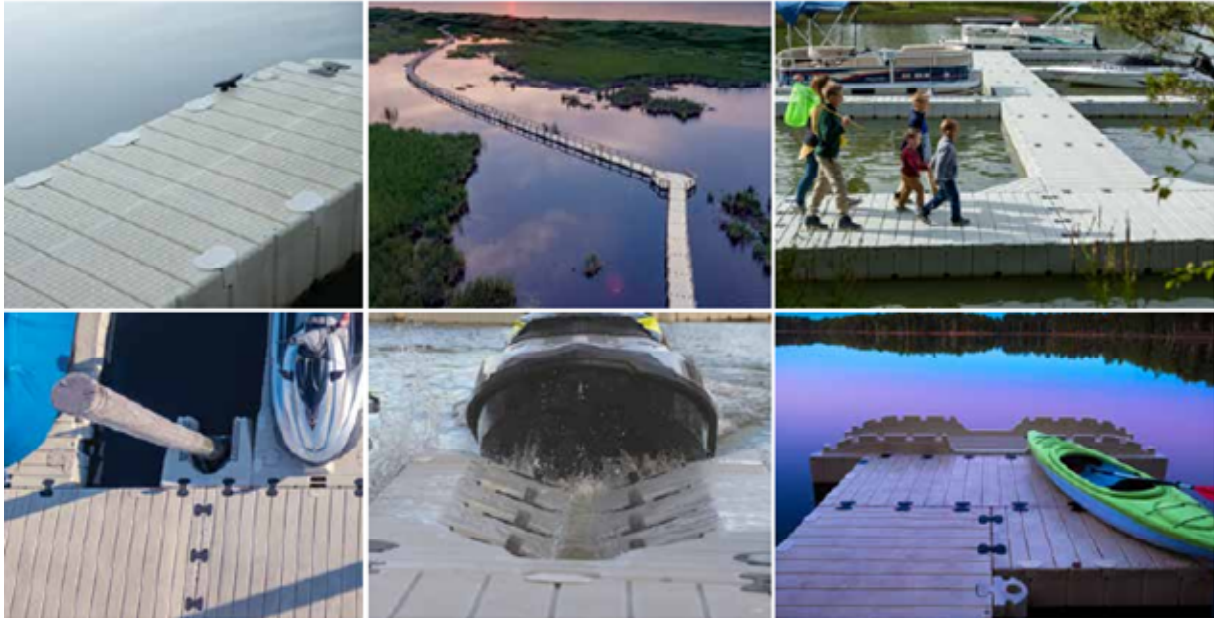
**TRANSITION KIT**  
100717 (15") or 100718 (30")  
Hinged polyethylene plate creates a smooth transition between EZ Dock or EZ Port and another floating dock.



**GANGPLANK MOUNTING KIT**  
100240, 100340 or 100600  
Galvanized steel hinge bracket and hardware for wood walkways 24", 36", or 48" wide. Lumber not included.



**PLANK GANGWAY**  
200200  
Hinged polyethylene panel creates a smooth transition between shore grade and deck surface.



Proudly American made for 30 years.



The EZ Dock global network of highly trained and knowledgeable dealers and distributors is ready to help. Our experienced team is standing by to help you choose a system that will maximize your space and suit your specific application.

Visit our website at [ez-dock.com](http://ez-dock.com) to create your perfect dock or to find your local EZ Dock dealer.

<b>US/Canada</b>	1-800-654-8168
<b>Europe</b>	+46 (0) 380 47 300
<b>International</b>	+1-417-235-2223

EZ Dock product is produced in our Monett, MO facility which is certified by Intertek for ISO 9001:2015 quality management system and ISO 14001:2015 environmental management system. EZ Dock may introduce new colors, products, accessories, and options throughout the year. Specifications and products listed are subject to change without notice. Some products may be shown with additional or optional equipment not available through EZ Dock. Specifications may vary for international shipments. Please check with your local dealer for more information. EZ Dock is a product of the U.S.A.

EZ Dock, Inc. | 878 HWY 60, Monett, MO 65708 | 417-235-2223 | 800-654-8168  
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MANDATORY PRE-BID: Tuesday, June 21, 2022 @ 10:00 AM (local time)

BID: IFB 22-B0044

BID OPENING: Thursday, July 14, 2022 @ 2:00 PM (local time)  
Please sign in

Company Name

Representative

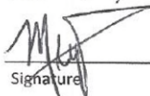
1) SALTWATER CONSTRUCTION

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5) Stalvey Construction Co Inc

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