

**DOCKS
HARDWARE
ACCESSORIES
FLOATS
RAMPS**



MULTINAUTIC.COM

SPECIALISTS IN DOCK SYSTEMS

SINCE 1974

MISSION

To offer innovative solutions to boating enthusiasts and waterfront owners so that everyone can enjoy the water safely.

MULTINAUTIC'S TEAM VALUES

DEDICATION

Accomplishing our work with precision and diligence. Each member of our team is dedicated to customer service and professionalism

INNOVATION

Improvement drives us. Innovation is a key value that constantly pushes the boundaries of the company. We are proud to have the ability to make our products and processes evolve. We are open to changes and new concepts to satisfy our customers.

RESPECT FOR PEOPLE

In all our actions, we respect our colleagues, customers and business partners. Working respectfully and feeling respected contributes to the improvement of individual and collective performance.

COMMITMENT

Our team is committed to making every effort to provide you with quality products in a timely manner. This engagement reflects our pledge to providing the best customer experience in our industry.



Let us help you create the ideal configuration for your water plan so you can enjoy our lakes and rivers and create unforgettable memories with your loved ones.

THANK YOU for your trust since 1974!

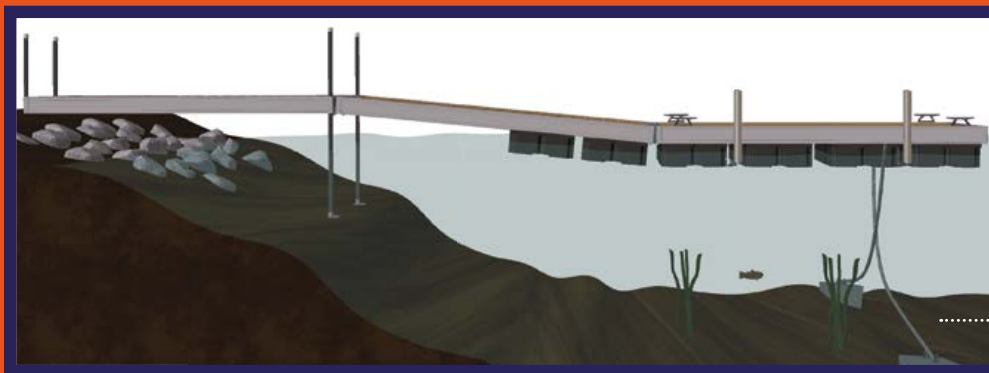


TABLE OF CONTENTS

How to Choose your Dock	4
Aluminum Docks	5
Comparative chart	6
QP-300	8
QPF-383	9
QP-400	10
QP-427	11
QPF-495	12
QPF-500	13
QPF-600	14
Complementary hardware	15
Mooring Ramps	17
Ramps for small crafts	18
Kayak ramps	19
DIY projects	20
Hardware for Wooden Docks	21
Galvanized steel hardware	22
Dock kits	25
Posts, base plates and braces	26
Wheels	27
Complete kits	28
Accessories and Complements	29
Complements (lifestyle and sports)	30
Ladders	32
Mooring	34
Protection	36
How to choose your floats	38
Floats	39
Commercial & Industrial	40
#multinautic community	42
Technical Informations	45
Layout plan example	46
How to build a wooden dock in 4 steps	47
Anchoring techniques	48
Winter storage	49
Warranty	50
Marketing & Promotional Tools	51

HOW TO CHOOSE YOUR DOCK

Stationary or floating?



TYPICAL INSTALLATION
FLOATING DOCK



STATIONARY DOCK

- 1** This is the ideal option for shallow waters. You can install a stationary dock in up to 4' of water.
- 2** A stationary dock is recommended if bad weather causes waves up to 3'. If this is your case, you will have to moor the boat away from the dock or use a boat lift.
- 3** A stationary dock is not recommended in a body of water that often fluctuates more than 2' in a short period of time. A floating dock would be more appropriate in this case, otherwise you may have to adjust the height of your dock a few times during the season.
- 4** A stationary dock is usually unanchored and you can not rely on it to safely hold your boat in a storm or protect it against big waves created by other boats.



SEMI-FLOATING DOCK

- 1** A semi-floating dock is required in a floating dock configuration. It holds floats at one end to allow a self-adjusting and smooth transition to the land or fixed section of floating dock.
- 2** In an area where water fluctuations are significant, you can use stationary docks near the shore and transition to a floating dock in deeper waters. However, before the floating dock, you need a semi-floating dock section to follow these fluctuations.
- 3** If the bottom of a lake or river drops rapidly, instead of installing fixed docks on the shore, you can begin your setup with a semi-floating dock section that will absorb the movements of the floating dock.

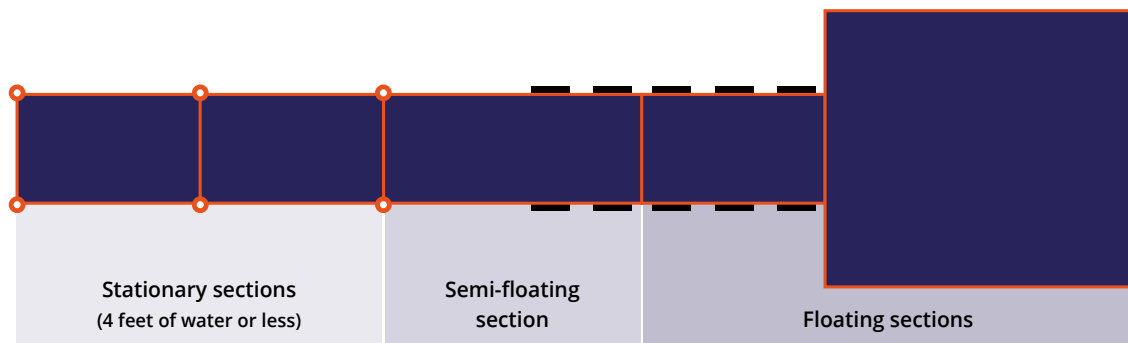


FLOATING DOCK

- 1** A floating dock is ideal in bodies of water deeper than 4'.
- 2** A floating dock is ideal for lakes and rivers where the water level fluctuates periodically. As the dock floats, it will always be at the same level above the water.
- 3** A floating dock is not recommended in a body of water that produces waves greater than 3', as it could be damaged or break and at the same time damage a boat moored to it.

ADD WHEELS !

See page 27



ADVICE
FROM THE
PROS













A good way to help you make the right choice of dock system is to look at those of your neighbors. If their docks have been installed for a few years and are still in good condition, a similar configuration choice could be good for you.



ALUMINUM DOCKS

COMPARATIVE CHART

Aluminum docks

	THE ECONOMIC DOCK	THE LIGHTWEIGHT DOCK	THE ORIGINAL DOCK	THE BEST SELLER DOCK
SYSTEM	300 21340	383 21341, 21345	400 21011	427 21111, 21114
PAGE NUMBER	P.8	P.9	P.10	P.11
				
STRUCTURE				
CHARACTERISTICS	Aluminum borders with steel posts for a wooden interior structure that allows variable width from 3 ft to 5ft	Light structure with robust end-pieces and leg holders	Lightweight structure with a border that conceals the end of the boards	Lightweight structure with borders equipped with track system that allows the installation of some accessories without drilling the wood
FLOATING DOCK INSTALLATION POSSIBLE		✓		
EXTRUSION HEIGHT	4-¾"	4-¾"	5-¼"	5-¾"
TRACK				On the sides
SIZES	3x8 / 4x8 / 5x8	4x8 / 5x10	4x8	4x8 / 4'3"x12
INCLUSIONS	2 X 6" POSTS, PVC POST CAPS AND BASE PLATES			
DOCK HINGES AND ADAPTORS				
WELDED STRUCTURE AVAILABLE (on special order)				3x10 4x10 5x10 6x10

All aluminum dock systems can be installed on posts and/or wheels.

COMPARATIVE CHART

Aluminum docks

THE SUPERIOR DOCK	THE ULTIMATE DOCK	THE CLASSIC DOCK	THE COMMERCIAL DOCK	
427D 21115	495 21519	500 19507	600	SYSTEM
P.11	P.12	P.13	P.14	PAGE NUMBER
				
				STRUCTURE
Stationary dock with polymer and fiberglass decking panels. Borders equipped with tracks that allow the installation of some accessories	Large aluminum extrusion with tracks and Heavy Duty leg holder corners	Sturdy double wall tubular aluminum extrusion that conceals the end of the boards	Extra Strong tubular extrusion that conceals the end of the boards, equipped with three tracks for accessories, dock hinges and bumpers	CHARACTERISTICS
	✓	✓	✓	FLOATING DOCK INSTALLATION POSSIBLE
5-3/4"	6-1/2"	6-1/4"	7-1/4"	EXTRUSION HEIGHT
On the sides	All around on the top and sides for the addition of heavy duty 3/4" pin silent hinges if desired	All around and below to bolt floats, dock hinges and accessories	3 tracks for accessories, dock hinges and bumpers	TRACK
4x12	5x10 & larger size kits	5x10	Custom made	SIZES
				INCLUSIONS
✓				Custom
				2 X 6' POSTS, PVC POST CAPS AND BASE PLATES
				Heavy duty dock hinges with 1-1/4" pin and adaptors according to the configuration
				DOCK HINGES AND ADAPTORS
4x10 5x10				Custom
				WELDED STRUCTURE AVAILABLE (on special order)

All aluminum dock systems can be installed on posts and/or wheels.

If the product you are looking for is not in your merchant's product selection, contact us and we will refer you to the right place!

PLEASE
NOTE

QP-300 | THE ECONOMIC DOCK

Stationary aluminum dock

The QP-300 is the one and only kit offering the possibility to assembly 3', 4' or 5' wide stationary docks! By combining durable aluminum extrusions with wooden crosspieces and decking, we obtain a light and strong structure that will cost you half the price, which will double your pleasure! Easy to install and adjust thanks to the quality components of Multinautic®, this low-cost beautiful dock will leave you the budget to fully enjoy your vacations!

- Variable width to best suit your needs
- Equipped with mobile hinges allowing more installation possibilities



QP-300 BOXED DOCK - 21340

INCLUDED IN A BOX :

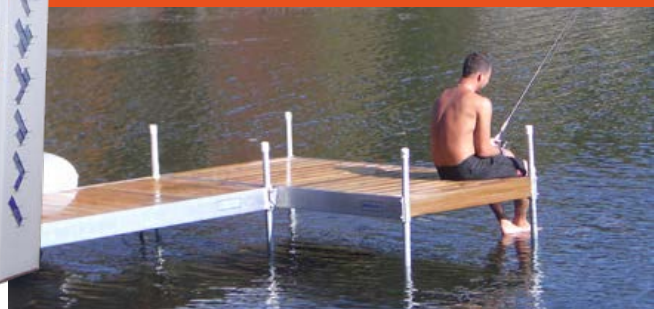
> 8' structure

- 2x 8' aluminum side extrusions
- 2x 6' posts
- 2x 6" base plates
- 2x PVC post caps
- 2x Steel leg holders
- 4x Steel corners
- 2x Mobile hinges
- Assembly hardware

REQUIRED MATERIAL NOT INCLUDED

- Wood planks
- Wood screws

Quantity and formats depend on the chosen width.



QPF-383 | THE LIGHTWEIGHT DOCK

Floating or Stationary aluminum dock

QPF-383 BOXED DOCK

INCLUDED IN A BOX :

- > 4' x 8' structure - 21341
or
5' x 10' structure - 21345

> Stainless steel hardware

- 4x Aluminum side extrusions
- 2x Aluminum end pieces
- 1x Inside joist
- 1x Aluminum central support
- 4x Leg holders / corners
- 4x Diagonals
- 2x Dock hinges
- 2x Junction plate
- 2x Assembly hardware

REQUIRED MATERIAL NOT INCLUDED (for the 4' x 8' structure) :

- 16x Wood planks
5/4" x 6" x 47-3/8"
- 3x Wood planks
5/4" x 2-3/4" x 8'
- 110x Wood screws
1-3/4" #10 (or #8)



The QPF-383 has a complete aluminum dock frame, which makes it possible to be installed as a floating dock or on posts. The design of its aluminum structure allows it to come together in many patterns either stationary, on wheels, floating and/or semi-floating and to receive ALL deck types. Ideal for small bodies of water and small watercrafts, it will surprise you with its ease of installation and storage.

- > For small bodies of water
- > Used side by side with fusion joints #21585, will create a swimming raft
- > For all types of decking (max. width: 47 5/8")
- > The 4' x 8' format is compatible with 48" floats
The 5' x 10' format is compatible with 60" floats



QP-400 | THE ORIGINAL DOCK

Stationary aluminum dock

The QPF-400, the **Original**, is a light, solid, and reliable dock that has been well proven for nearly 20 years. Its easy assembly and usage are second to none on the market. By focusing on our customers' experience, we reduced the assembly of the structure to 32 bolts vs. 100-250 bolts for alternative products on the market.

Its remarkable durability and impressive lightness are the result of Multinautic®'s expertise in the design of aluminum extrusions, supported by more than 4 decades of experience in manufacturing and installation of dock systems.

Since its launch, Multinautic® has sold enough QP-400s to connect the Bahamas to the mainland!

- Easy to put together
- Possibility of installing wheels (#22002) with axles (#22009) to easily position in water and also simplify its removal and storage
- Easy height adjustments
- Very resistant one-piece molded leg holders



QP-400 BOXED DOCK - 21011

INCLUDED IN A BOX :

- 4' x 8' structure
- Stainless steel hardware
 - 2x Aluminum side extrusions
 - 2x Aluminum end pieces
 - 1x Aluminum central support
 - 2x 6' posts
 - 2x PVC post caps
 - 2x Base plates
 - 2x Junction plates
 - 1x Parallel adaptor
 - 1x Adaptor for "L" shaped docks
 - Assembly hardware

REQUIRED MATERIAL NOT INCLUDED :

- 10x Wood planks
5/4" (1" sawn) x 6" x 8'
- 70x Wood screws
1-3/4" #10 (or #8)



Multinautic QP-400



QP-427 | THE BEST SELLER DOCK

Stationary aluminum dock

QP-427 BOXED DOCK

INCLUDED IN A BOX :

	4' x 8' structure 21111	4' 3" x 12' structure 21114
Aluminum side extrusions	2x 8'	4x 6'
Aluminum end pieces	2x	2x
Aluminum central support	1x	2x
6' posts	2x	2x
PVC post caps	2x	2x
Base plates	2x	2x
Junction plates	2x	2x
Decking support	-	1x
Fusion plates	-	2x
Parallel adaptor	1x	1x
Adaptor for "L" shaped docks	1x	1x
Stain. Steel assembly hardware		

Aluminum side extrusions 2x 8' 4x 6'

Aluminum end pieces 2x 2x

Aluminum central support 1x 2x

6' posts 2x 2x

PVC post caps 2x 2x

Base plates 2x 2x

Junction plates 2x 2x

Decking support - 1x

Fusion plates - 2x

Parallel adaptor 1x 1x

Adaptor for "L" shaped docks 1x 1x

Stain. Steel assembly hardware

REQUIRED MATERIAL FOR DECKING NOT INCLUDED:

	4' x 8' structure 21111	4' 3" x 12' structure 21114
Wood planks 5/4" x 6" x 8'	10x	3x
Wood planks 5/4" x 6" x 10'	-	25x
Wood screws 1-3/4" #10 (or #8)	70x	120x

Wood planks 5/4" x 6" x 8' 10x 3x

Wood planks 5/4" x 6" x 10' - 25x

Wood screws 1-3/4" #10 (or #8) 70x 120x

SOLID FRAME (WELDED) DOCK SECTION

Possibility of welded structure on special order

3' x 10' - 21005

4' x 10' - 21001

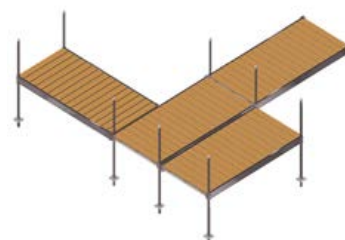
5' x 10' - 21002

6' x 10' - 21003



The QP-427 is like the big brother of the QP-400 thanks to its extrusion 50% stronger and its versatile UNITRACK™ system on the top of both sides. This track makes it compatible with the Multinautic® accessories and you will no longer have to damage your deck boards to install your accessories. With the QP-427, you can move your cleats simply with a 3/4" size wrench.

- Proven concept of the QP-400 with Unitrack™ for mooring cleats
- Easiest dock to assemble, install and store
- Possible to install wheels (#22002) with axles (#22009) to easily move and store
- Easy height adjustments
- One-piece molded leg holders make it a beautiful dock
- Twice as strong as a welded bolt configuration, such as alternatives on the market



QP-427D BOXED DOCK

21115

INCLUDED IN A BOX :

1x Complete QP-427 set
4' 3" x 12' structure
(4x 6' aluminum side extrusions to assemble)

+
3x 4' x 4' polymer panels
(Sand color)

POLYMER PANELS

High quality decking panels, guaranteed 12 years, made of polymer (some reinforced with fiberglass) and designed to withstand our harsh climatic conditions.

In addition to having anti-static and UV protection additives, they provide good adhesion even when wet.

Gray or sand color. Low maintenance.

	Gray	Sand
1' x 4'	21164	21162
4' x 4'	21159	21154



QPF-495 | THE ULTIMATE DOCK

Floating or Stationary aluminum dock

This modular docking system makes it the **Ultimate Dock** on the market. The QPF-495 is available in 2 versions: as a boxed dock to make a 5' x 10' section or as a modular system (kit) to fully customize the length AND width of your docks. In addition, its aluminum extrusions with top and side tracks, unique to Multinautic®, will allow you to easily install (and move!) your cleats and accessories. The special side track allows the installation of optionnal HeavyDuty noise-free 3/4" pin hinges all around.

IN A BOX

- The decking can be assembled into panels to be quickly removed from the dock to ease handling during installation and storage
- Comes with a hinge set to join another dock
- Floating docks are compatible with our 60" floats (8" or 16" high)

MODULAR SYSTEM (KIT)

- The pre-configured kits consist of interior structures and decking made of red cedar wood, pre-cut and sanded. This system creates solid platforms that will respond well to the waves created by motorboats and can accommodate multiple people
- All the equipment needed for installation is included in these kits: structural wood, cedar decking, floats, posts and base plates as well as all bolts and screws. All that's missing are the chain and anchor blocks that you can find in your area.
- Select and combine different formats of fixed, semi-floating and floating dock kits to create the layout that's right for you.
- Each modular kit includes a pair of quality HD hinges with a 3/4" diam. pin and nylon bushing for a noise-free dock system.



QPF-495 - 21519

INCLUDED IN A BOX :

- 5' x 10' structure
- Stainless steel hardware

- 6x Aluminum side extrusions
- 2x Aluminium inside joists
- 4x Leg holders
- 2x 1/2" pin hinges
- 2x Fusion plates
- 4x Diagonals braces
- 6x Connector key
- Assembly hardware

REQUIRED MATERIAL NOT INCLUDED :

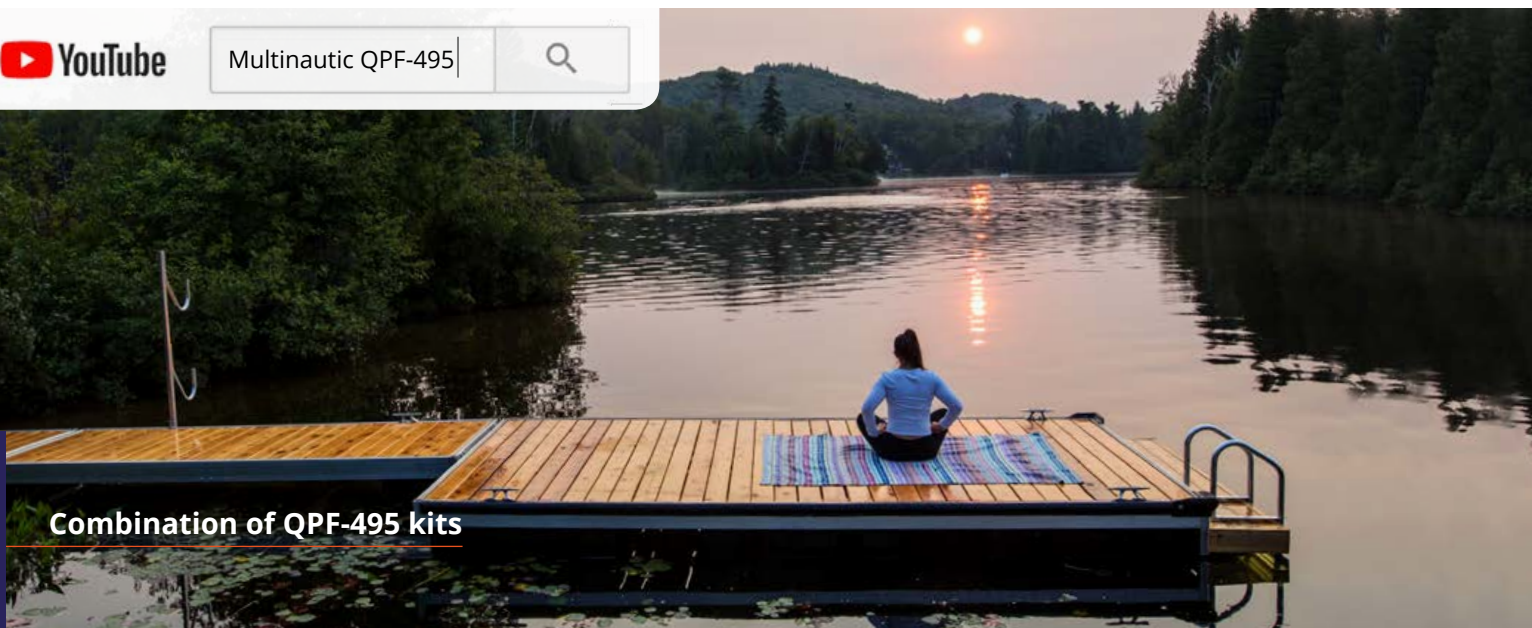
- 2x Wood for joists
2" x 4" x 39-3/8"
- 2x Wood for central support
2" x 4" x 55-1/2"
- 6x Wood for decking support
2" x 4" x 55"
- 20x Wood for decking
5/4" (1" sawn) x 6" x 56-7/8"
- 150x Treated wood screws 2" #8
- 20x Treated wood screws 3-1/2" #10
- 12x Stainless steel screws 1-3/4" #10



21519



Multinautic QPF-495



QPF-500 | THE CLASSIC DOCK

Floating or Stationary aluminum dock

QPF-500 - 19507

INCLUDED IN A BOX :

- › 5' x 10' structure
- › Stainless steel hardware

- 2x Aluminum side extrusions with integrated leg holders
- 1x Central inside joist
- 2x Aluminum end pieces
- 2x Aluminum decking support Assembly hardware

REQUIRED MATERIAL NOT INCLUDED :

- 20x Wood for decking 5/4" x 6" x 56-7/8"
- 3x Wood for decking support 5/4" x 2" x 120" (10')
- 130x Treated wood screws 1-3/4" #10

Compatible with 60" floats (8" or 16" high)

The QPF-500 is the **Classic** dock of the Multinautic® Series. With its clean lines, it offers great versatility. The TwinTrack™ tubular extrusion system accepts all Multinautic® accessories and is easily installed as a stationary, semi-floating or floating dock and easily adapts to most shorelines for the simplest installation. Very rigid in torsion, this system offers a great stability and a solid assembly which will last in time and make your moments by the water even better.

- › Twintrack™, exclusive to Multinautic® made from a tubular extrusion that provides excellent resistance to both lateral and vertical twisting. You can count on an excellent strength ratio for a surprising lightness
- › Heavy-duty molded leg holders with integrated thread
- › Unique hinge system with nylon inserts, quiet and wear-resistant

MODULAR SYSTEM (KIT)

- › The kits are a combination of different stationary and/or floating dock configurations. Check our website to know the content of these kits.
- › Includes ALL you need for assembly including posts and floats. Floating dock sets are equipped with 8" freeboard foam filled floats
- › Anchors and chains not included. Decking sold separately.

TWINTRACK™

FOR QUICK AND EASY INSTALLATION
OF FLOATS, HINGES AND ACCESSORIES



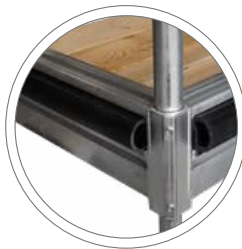
QPF-600 | THE COMMERCIAL DOCK

Floating or Stationary aluminum dock

The QPF-600 is a commercial grade docking system designed to moor boats up to 30 ft long. Its design allows for the most daring configurations.

Its super-welded Warren-type structure is superior in design to maximize its resistance to diagonal, vertical and lateral pressures, and can accommodate loads of up to 100 lbs per square foot. The Tritrack™ extrusion, developed by Multinautic®, is designed to install mooring cleats, anchor chains, bumpers and add fingers for several boats ... that you can relocate in minutes!

- Great dock structure that provides unparalleled torsional stability and strength
- Dock hinges with 1-¼" pins and nylon bushing (No noise, no wear and easily detachable)
- Sliding fasteners, on the sides of the structure for quick adjustments
- Gutter for water and electricity, on request
- Available in kits for individuals or marinas managers.
- Choice of decking:
 - Different wood species
 - Composite panels
 - Concrete slabs
 - Polymer panels



ALUMINUM JUNCTION PLATE

- › Joins 2 aluminum stationary dock sections in a straight line
- › For QP-400 or QP-427 systems
- › Used with steel corner #11001, it can attach a lightweight gangway to a concrete wall
- › Uses corner leg holder's bolts

22006



22006

ALUMINUM CORNER ADAPTOR

- › Joins 2 aluminum stationary dock sections in a "L" or "T" shape
- › For QP-400 or QP-427 systems
- › Hardware included: 1/2" x 1-1/2" stainless steel bolts and nuts

2 / package - 22013



22013

ALUMINUM PARALLEL ADAPTOR

- › Joins 2 aluminum stationary dock sections side by side
- › For QP-400 or QP-427 systems
- › Hardware included: 1/2" x 1-1/2" stainless steel bolts and nuts

2 / package - 22014

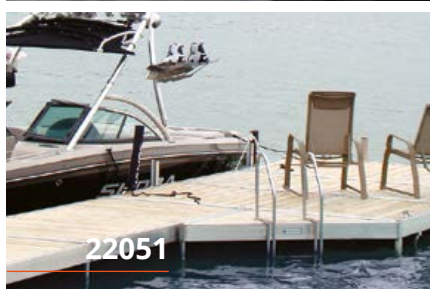


22014

TRIANGULAR ALUMINUM DOCK CORNER

- › Frame only (welded), for QPF-500 model
- › Twintrack™ extrusion and leg holders
- › Requires 2 pairs of #21241 hinges

5' x 5' x 7' - 22051



22051

ANCHOR CHAIN HOOK KIT

- › To attach the anchoring chains of a floating dock
- › Includes : 2 aluminum angle plates with holes
2 zinc plated quick links
2 steel hooks
Bolts and nuts

2 / package - 22043 ("T head" bolts, for QPF-500 systems)

2 / package - 22063 (Hexagonal head bolts, for QPF-495 and QPF-383 systems)



22063

"T HEAD" BOLTS

- › 1/2" stainless steel bolts and nuts
- › For the installation of some accessories on the Multinautic® track system

2 / package - 22080 (1")

4 / package - 22081 (2-1/2" with flat washers for floats on the QPF-500 system)



22080

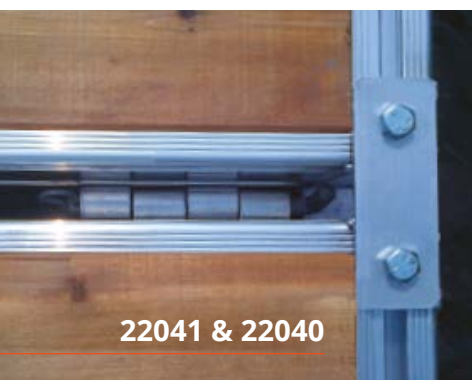
COMPLEMENTARY HARDWARE

For aluminum docks

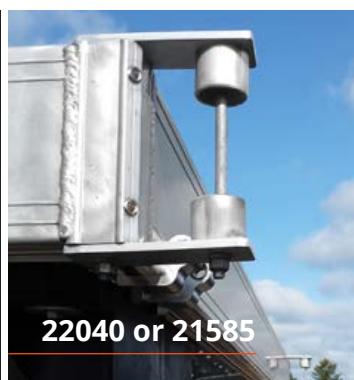
HEAVY DUTY CORNER STABILIZER

- For the QPF-500 system on posts
- Adjustable system to stabilize a high dock on posts
- Allows for a flush top deck without apparent posts
- Includes:
 - 2x central parts
 - 4x 24" x 1" x 1" tubes
 - 4x adaptors
 - Bolts & nuts for assembly

2 / package - 22039



22041 & 22040



22040 or 21585



21592



22003 & 22004

DOCK HINGES (QPF-383, QPF-495)

- For QP-300, QPF-383, QPF-495 and light wooden docks
- 1/2" pin

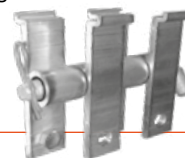
2 / package - 10044



DOCK HINGES (QPF-495)

- Featuring a nylon ring on the inside that eliminates the noise and wear of traditional hinges
- For the QPF-495 system
- 3/4" pin

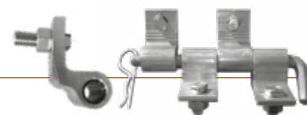
2 / package - 21592



DOCK HINGES (QPF-500, QPF-475)

- Featuring a nylon bushings on the inside that eliminates the noise and wear of traditional hinges
- For QPF-500 and QPF-475 systems
- Includes:
 - 2x 7-1/4" x 1/2" pins with hitch pin
 - 8x hinge sections with "T" head bolts

2 / package - 22041



FUSION CONNECTOR™

- Prevents a floating dock system from flexing at junctions
- Creates a solid deck to enjoy under wavy conditions
- Includes:
 - 4x aluminum end fittings
 - 4x 7-1/2" bolts
 - 4x lock nuts



For QPF-383 and QPF-495 systems

Must be installed with #21592 or 10044 hinges (not incl.)

2 / package - 21585

For the QPF-500 system

Must be installed with #22041 dock hinge (not included)

2 / package - 22040

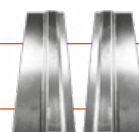
WHEELS AND GUIDING RAILS

- For mobile gangways
- Made from phenolic plastic with 1/2" stainless steel axle
- 24" guiding rails; requires 6 stainless steel screws #10 x 1" (not included)



4" wheels with axle - 2 / package - 22003

24" guiding tracks - 2 / package - 22004





**MOORING
RAMPS**

RAMPS

For small boats and PWC

COMPLETE RAMP KITS

Our ramp kits are perfect for storing your boats away from waves and fluctuating water levels. They will protect the hull, propeller or turbine of your watercraft by avoiding sand and rocks. It is the easiest way to prevent accidental spills caused by waves while refueling for a cleaner environment. The kits contain the wheels, keel roller, winch, strap and all the hardware needed for assembly. Also included are 2 posts, leg holders and base plates to properly adjust the ramp to your shore. Construction plans and guidelines are included in the box. Wood not included.

PLEASE NOTE: You must add 15% to the specified dry weight of your boat to calculate the total weight.

1200 LBS CAPACITY

8x 4" wheels - 19223

2000 LBS CAPACITY

6x 5" double rollers - 19228



19228 & 34111



19223

8" KEEL ROLLER

- › Protects the hull when boarding a ramp
- › Includes: Black rubber keel roller
Galvanized steel brackets
5/8" pin with hitch pin

34106



4" WHEEL KIT

- › For small watercraft ramps
- › Includes: 8x 4" wheels with axles
Galvanized steel bolts and nuts
Galvanized steel support plates

34110



5" WHEEL KIT

- › For watercrafts and PWC ramps
- › Includes: A pair of 5" double wheels
(total of 4 blue wheels)
2 Wobbling bases
2 Galv. steel support plates

34111



MANUAL WINCHES

- › To hoist small boats or PWCs on a ramp
- › Not included: Mounting hardware,
strap or cable

600 lbs one-way ratchet - 34200

1300 lbs two-way ratchet - 34202



WINCH STRAP

- › 100% polyester
- › 23' x 2" with galvanized steel grab hook

34300



19228 & 34111

KAYAK RAMP

Is getting into a kayak that is already in the water a challenge for you? Multinautic® innovates and offers you its launching system for kayaks! Innovative and unique, this system firmly supports your kayak while you sit effortlessly with the help of the ergonomic boarding handles. Once comfortable in your seat, you can then roll slowly into the water. On your way back, the ascent is just as easy thanks to the handrails. You will be able to easily go up to your starting point and get out of your kayak with elegance without getting your toes wet! Acclaimed by all who tried it, this ingenious ramp will renew your love of kayaking.

WOODEN KAYAK RAMP KIT

4' x 2' x 18' - Wood not included - 19290

ALUMINUM KAYAK RAMP KIT

4' x 2' x 18' - 19295

ALUMINUM HANDRAILS

- › Helps with the movement of the kayak when entering and getting out of the water
- › Includes 2x 16' handrails with stainless steel screws

19297

ERGONOMIC HANDLES

- › For the safe entry and exit of your kayak
- › Aluminum, to be installed on 1-11/16" O.D. posts

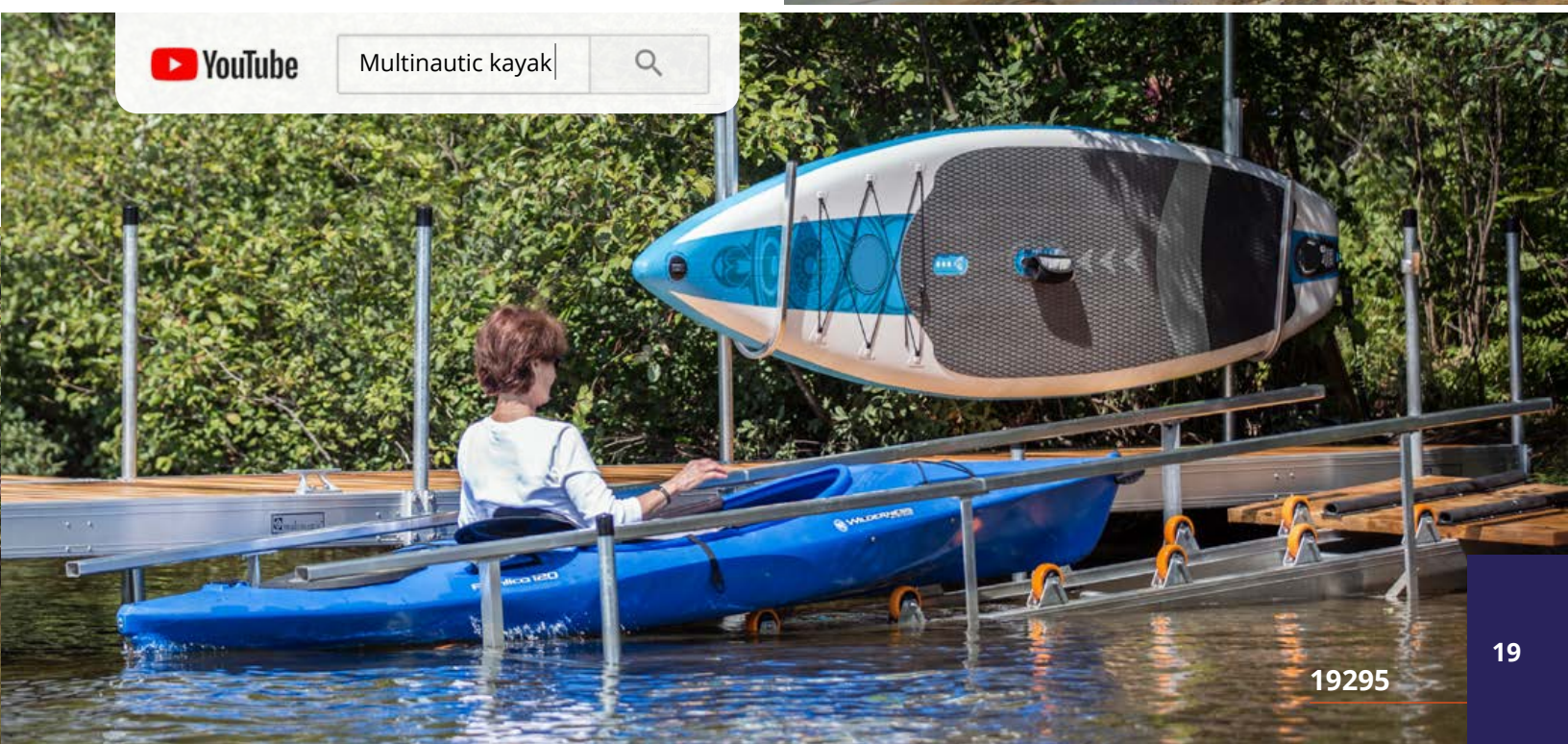
2 handles - 19298



19290



19290



19295

RAMPS

"DIY" projects

The Multinautic® small craft ramp system is the most economical and safe way to protect your valuable investment. Although we suggest some assembly types and pre-configured ramp templates, your imagination will create the boldest projects that will meet your specific needs. Combine the components of your choice, invent new systems and share them with the Multinautic® creative community with #multinautic!

- Ensures the protection of your hull and engine from abrasions
- Simplifies your fill of fuel, allows you to do it safely while limiting accidental spills
- During your extended absences, you can remove the plug of your boat to prevent the accumulation of water



Dock section transformed into a ramp



Zodiac ramp



Pontoon ramp



















Semi-floating ramp for personal watercraft

A photograph of a wooden dock extending into a body of water. A white and red speedboat is moored at the dock. The dock is made of light-colored wooden planks and has a black metal railing on the left side. A black motor is visible on the railing. The background is filled with dense green trees and foliage. An orange semi-transparent rectangle is overlaid on the right side of the image, containing the text "HARDWARE FOR WOODEN DOCKS" in white capital letters.

HARDWARE FOR WOODEN DOCKS

GALVANIZED STEEL HARDWARE

For wooden docks

10 000 SERIES		BOLTS			THICKNESS			DISTANCE CENTRE TO CENTRE				STATIONARY DOCKS	FLOATING DOCKS
		1/4"	3/8"	1/2"	1/8"	3/16"	1/4"	2-1/2"	3-1/2"	4-1/2"	5-1/2"		
					LIGHT	STANDARD	HEAVY DUTY						
10041 • Inside corner 4-1/2" x 3-1/2" x 1/8"		●			●			●				●	
10042 • Back plate 3-1/4" x 3-3/4" x 1/8"		●			●			●				●	
10044 • Connector hinge 1/2" pin • 3-1/2" x 4-3/4" x 1/8"		●			●			●				●	●
10045 • Leg holder 3-1/2" x 4-1/4" x 3/16"		●				●		●				●	
10001 • Inside corner 6" x 5" x 1/8"			●		●				●			●	
10002 • Inside joist corner 2-3/4" x 5" x 1/8" • Also for float support			●		●				●			●	
10003 • Back plate 2" x 5" x 1/8"			●		●				●			●	
10004 • Connector hinge 1/2" pin • 3-1/2" x 5" x 1/8"			●		●				●			●	
10005 • Side leg holder 5" x 5" x 1/8"			●		●				●			●	
10007 • Connector hinge 3/4" pin • 3-1/2" x 5" x 1/8" fem. 1/4, male 3/4			●			●			●			●	●
10010 • Back plate 5" x 5" x 1/8"			●		●				●			●	●
10011 • Leg holder / anchor chain 5" x 5" x 3/16"			●			●			●			●	●
10018 • Corner with inside chain holder 5" x 5" x 1/4"			●				●		●				●
10019 • Connector hinge 1/2" pin • 5" x 5" x 1/8"			●		●				●			●	●
10111 • Spare pin 1/2" x 4" • For hinges 10004 and 11003													
10200 • Bolts • 3/8 x 2-1/2" Carriage bolts with nuts and lock washers													



10004



10007



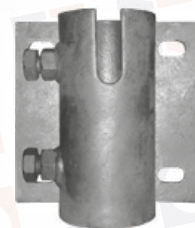
10045



10019















10044



10011

GALVANIZED STEEL HARDWARE

For wooden docks

13 300 SERIES		BOLTS			THICKNESS			DISTANCE CENTRE TO CENTRE				STATIONARY DOCKS	FLOATING DOCKS
		1/4"	3/8"	1/2"	1/8"	3/16"	1/4"	2-1/2"	3-1/2"	4-1/2"	5-1/2"		
					LIGHT	STANDARD	HEAVY DUTY						
13300 Back plate 5" x 5" x 1/4"				●			●		●			●	●
13301 Back plate 5" x 5" x 1/8"				●	●				●			●	●
13303 Connector Hinge "T" style 3/4" pin • 5" x 5" x 1/4" Heavy Duty - female tab 1/2", male 3/4"				●			●		●			●	●
13305 Inside corner 6" x 5" x 1/4"				●			●		●			●	●
13308 Inside/Outside corner 10" x 5" x 1/4"				●			●		●				●
13309 • Female outside corner 10" x 5" x 1/4" 1/2" thick tabs				●			●		●				●
13310 • Male outside corner 10" x 5" x 1/4" 3/4" thick tab				●			●		●				●
13323 Square chain holder 5" x 5" x 1/4"				●			●		●				●
13313 • Spare pin 3/4" x 3-1/4" For dock hinges 10007, 13303, and outside corners 13309 and 13310													
10118 • Bolts 1/2" x 3" • 150 / box													
10119 • Nuts 1/2" • 150 / box													
10120 • Lock washers 1/2" • 150 / box													



Our entire wooden dock hardware selection is made of hot dip galvanized steel at 600g/m² and has a limited lifetime warranty



10018



13303



13323



13308



13309



13310

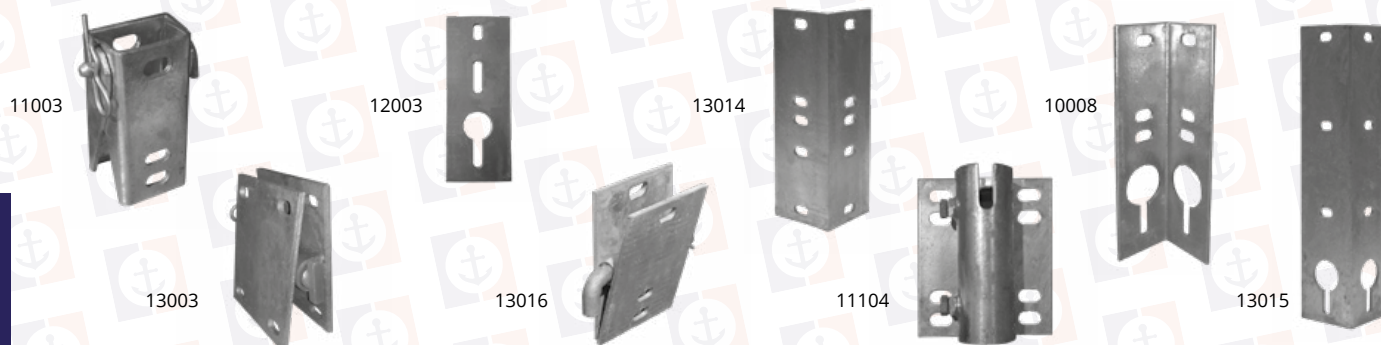
GALVANIZED STEEL HARDWARE

For wooden docks

11000 SERIES		BOLTS			THICKNESS			DISTANCE CENTRE TO CENTRE				STATIONARY DOCKS	FLOATING DOCKS
		1/4"	3/8"	1/2"	1/8"	3/16"	1/4"	2-1/2"	3-1/2"	4-1/2"	5-1/2"		
					LIGHT	STANDARD	HEAVY DUTY						
11001	Inside corner 3" x 7" x 3/16"			●		●			●	●	●	●	●
11002	Back plate 2-1/2" x 6" x 3/16"			●		●			●			●	●
11003	Connector hinge - 1/2" pin 3-1/4" x 6" x 3/16"			●		●			●	●		●	●
12003	Anchor chain plate • 10" x 3-1/2" x 1/4" Inside or outside installation			●			●	●	●				●
10008	Inside corner for 3/16" to 3/8" chain 3" x 11" x 3/16"			●		●			●	●			●
11104	Leg holder / Anchor chain 6" x 7" x 3/16"			●		●			●	●	●	●	●

13000 SERIES		BOLTS			THICKNESS			DISTANCE CENTRE TO CENTRE				STATIONARY DOCKS	FLOATING DOCKS
		1/4"	3/8"	1/2"	1/8"	3/16"	1/4"	2-1/2"	3-1/2"	4-1/2"	5-1/2"		
					LIGHT	STANDARD	HEAVY DUTY						
13003	Marina connector hinge 6" x 7" x 5/16" • 1" pin - Commercial heavy duty			●			● 5/16"				●		●
13011	Back plate 3" x 7" x 1/4"			●			●				●		●
13013	Anchor chain corner 4" x 13" x 1/4"			●			●				●		●
13014	Inside corner • 4" x 13" x 1/4" Allows the installation of a skirt around a floating dock			●			●		●	●	●		●
13015	Anchor chain corner • 4" x 19" x 1/4" Allows the installation of a skirt around a floating dock			●			●				●		●
13016	Connector hinge - 3/4" pin • 5" x 7" x 1/4" Heavy duty			●			●			●	●		●

OTHER NUTS AND BOLTS AVAILABLE ON REQUEST



DOCK KITS

Pour wooden docks

Ideal for repairing or simplifying the selection, these kits are carefully packaged to facilitate marketing and help the customer in their choice. They include matching parts to build, repair or expand a dock system and an assembly guide is included. Bolts sold separately depending on the size of the holes and thickness of wood.

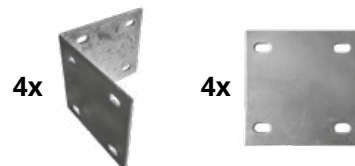


- Hot dip galvanized steel at 600g/m²
- Distance between the holes from center to center: 3 1/2"
- Carriage bolts, nuts and lock washers 3/8" or 1/2" not included.

INSIDE CORNER DOCK KIT 19101

For floating or stationary docks.

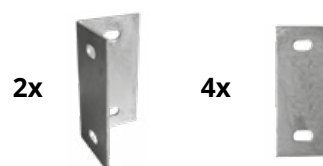
- 4x inside corners** - 10001 6" x 5" x 1/8"
- 4x back plates** - 10010 5" x 5" x 1/8"



INSIDE JOIST CORNER DOCK KIT 19102

For floating or stationary docks.
Inside joists, float supports.

- 2x inside corners** - 10002 2-3/4" x 5" x 1/8"
- 4x back plates** - 10003 2-1/2" x 5" x 1/8"



STATIONARY DOCK HINGES KIT 19104

For stationary docks.

- 2x joints de quai fixe** - 10004 3-1/4" x 5" x 1/8"
with 1/2" x 4-1/2" pins
- 4x back plates** - 10003 2-1/2" x 5" x 1/8"



LEG HOLDER DOCK IT 19105

For stationary docks.

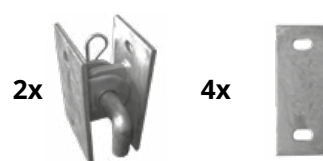
- 2x leg holders** - 10005 5" x 5" x 1/8"
- 4x back plates** - 10003 2-1/2" x 5" x 1/8"



FLOATING DOCK HINGES KIT 19107

For floating or stationary docks.

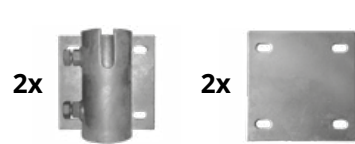
- 2x floating dock hinges** - 10007 3-1/2" x 5" x 3/16"
with 3/4" x 4 3/8" pins
Male tab 3/8" & Female tab 1/4"
- 4x back plates** - 10003 2-1/2" x 5" x 1/8"



LEG HOLDER / ANCHOR CHAIN KIT 19111

Use as anchor chain holder, heavy duty leg holder or post guide.

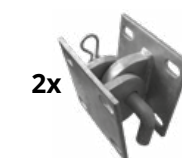
- 2x leg holders** - 10011 5" x 5" x 3/16"
- 2x back plates** - 10010 5" x 5" x 1/8"



HEAVY DUTY FLOATING DOCK HINGES KIT 19133

For floating docks. Can be combined with inside corners or leg holders.

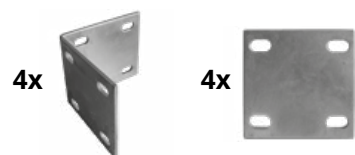
- 2x floating dock hinge "T" style heavy duty** - 13303 5" x 5" x 1/4" with 3/4" x 4" pins
Male tab 3/4" & female tab 1/2" thick



INSIDE CORNER DOCK KIT 19135

For heavy duty floating docks.

- 4x inside corners** - 13305 6" x 5" x 1/4"
- 4x back plates** - 13300 5" x 5" x 1/4"



POSTS, BASE PLATES AND BRACES



10009 & 21188 (see page 30)



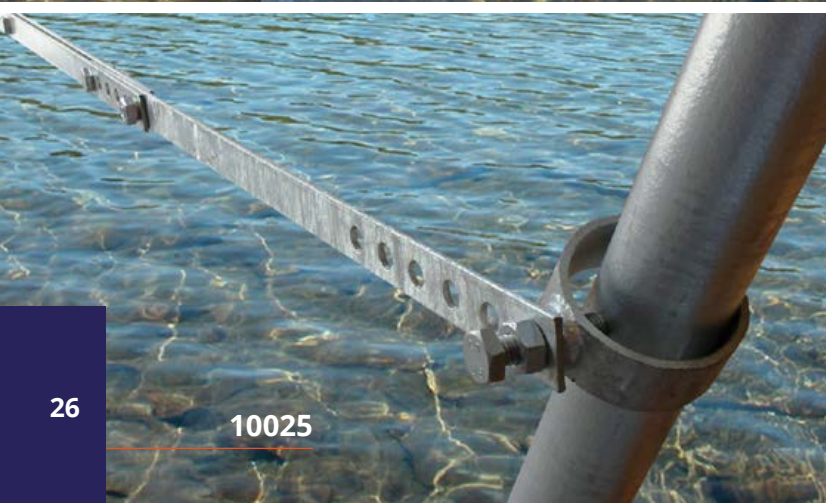
11107



11108



22034



10025

POSTS

- Galvanized steel posts
- Outside diameter : 1-¹¹/₁₆"

3' - 11007

4' - 11006

6' - 10009

8' - 11005

10'-6" - 11010



BASE PLATES

- Galvanized steel
- For posts up to 1-⁷/₈" in diameter
- Opening to drive the posts through

6" x 6" - 11107



6" x 12" - 11108



DIAGONAL BRACES

- Stabilization system for docks installed high on posts, in deep water or subjected to heavy use
- 1" x 1" aluminum tube with aluminum fixings and ¹/₂" stainless steel bolts
- Designed to fit any stationary dock using 1-¹¹/₁₆" outside diameter posts

66" - For 4' wide dock
22034

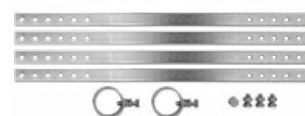
78" - For 5' wide dock
22035

84" - For 6' wide dock
22036



DIAGONAL ADJUSTABLE BRACE

- Stabilization system for docks installed high on posts, in deep water or subjected to heavy use
- For 4' to 6' wide docks
- Galvanized steel
- Can be used in a "X" with 2 sets



10025

24" WHEELS

- Black polyethylene
- For easy dock-in and out
- To be installed with adaptors #22010 or #22009



For 1-¹¹/₁₆" O.D. diameter posts - 22002

WHEEL AXLE FOR LIGHTWEIGHT DOCK

- For aluminum docks or lightweight stationary wooden dock
- Includes : 2 axles de 10-¹/₂" X 1-¹¹/₁₆"
2 hitch pins
2 flat washers



For O.D. diameter posts
up to 2" - 22009

WHEEL AND AXLES KITS

- Includes : 2x 24" wheels
2x flat washers
2x 10-¹/₂" axles
2x hitch pins

22000 (2x 22002 & 1x 22009)



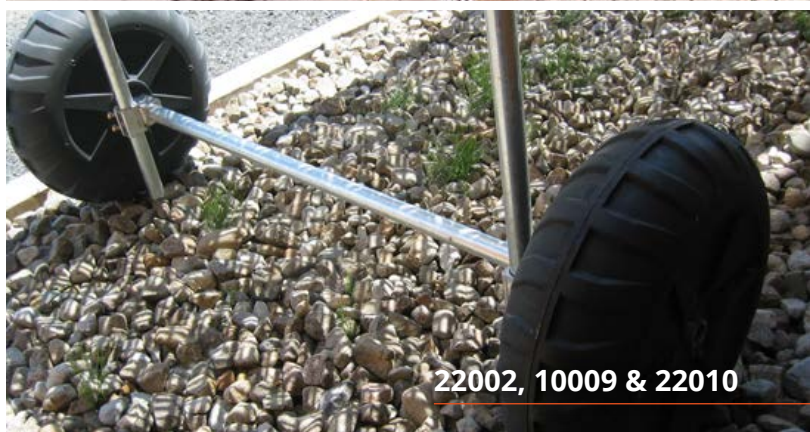
"T" ADAPTORS FOR 1-¹¹/₁₆" POSTS

- For the installation of 24" wheels
- Can be used to make canoe and/or kayak rack
- For any other assembly with posts
- For posts up to 1-¹¹/₁₆" O.D. diameter

2 / package - 22010



22000



22002, 10009 & 22010



11005, 11007 & 22010



22002 & 22009

COMPLETE KITS

For wooden docks

You want to build your dock yourself, save money and keep things simple? Multinautic®'s complete kits include all the components, from hardware to bolts & screws, along with a complete list of wood to buy, including cutting measurements!

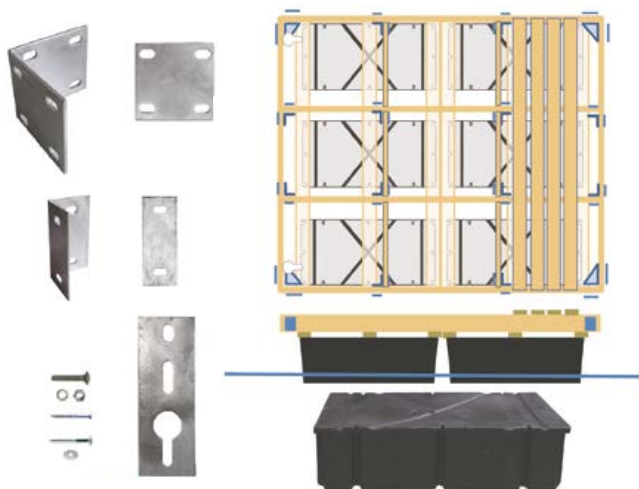
Easy to do, your dock project will be completed over a short weekend with friends... Just follow an easy step by step plan complete with a video showing you all the tricks of the trade and build your dream dock as would the real dock pros!

- Available as stationary, semi-floating or floating docks
- With floats at low, medium or high freeboard
- Wood not included

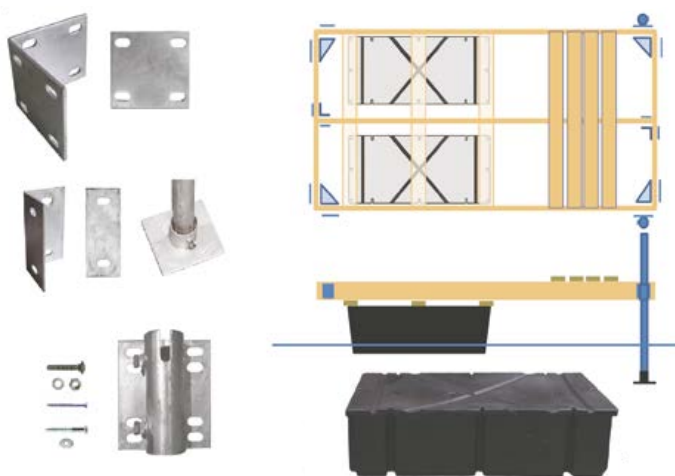
SIZES AVAILABLE

4' wide	5' wide	6' wide	8' wide	10' wide
4' x 8'	5' x 12'	6' x 12'	8' x 8'	10' x 8'
4' x 12'	5' x 16'	6' x 16'	8' x 12'	10' x 10'
4' x 16'			8' x 16'	10' x 12'

#19450 kit - Floating dock 6' x 12' to 8' x 16' 16" floats with high freeboard



#19385 kit - Semi-floating dock 4' x 12' to 6' x 16' 16" floats with high freeboard



A photograph of a boat's interior or deck. On the right, a wooden plank surface is visible. A coil of white rope with black diamond patterns is resting on the wood. A section of the rope is knotted around a silver metal rail on the left. The left side of the image shows a dark, reflective surface, likely water, with some reflections. An orange rectangular overlay is in the bottom right corner.

ACCESSORIES & COMPLEMENTS

COMPLEMENTS

Lifestyle



21191



21188



22047



22048

LOW DECK (LOWER PLATFORM)

- To facilitate the entry or exit of water, for relaxation or for easy access to a kayak or a paddle board (SUP)
- Includes : Red cedar panels (cut to size and sanded edges)
2 robust marine grade aluminum tube mounts
Stainless steel assembly hardware

Note : The adjustable width model (#21188) also includes two 18" posts and does not include the wood

4' - For QP-400 stationary dock - 21190

8' - For two QP-400 stationary docks installed side by side - 21191

Adjustable width - For floating docks or other stationary dock systems - 21188

ALUMINUM DOCK BENCH

- Aluminum structure to make a bench or a chair
- Works on wooden docks or aluminum docks with UniTrack™ or TwinTrack™
- Includes : Aluminum structure elements
Assembly hardware for wooden docks or QP-427, QPF-495 and QPF-500 aluminum dock systems
- Not included : Wood & screws

4' 22047

8' 22067



ALUMINUM HANDRAIL

- Security element and finishing touch
- Works on wooden docks or aluminum docks with Track System™
- Includes : 2 posts with bases
1 square tube 8' (2,44 m)
1 round tube 80" (2 m)
2 protective caps
S.S. assembly and installation hardware

22048



ADAPTATOR FOR 4" X 4" WOOD BEAM

- Aluminum
- For wooded or aluminum docks
- 10" high

22015



SMALL WATERCRAFT RACKS

To make sure your boats last in time and are always ready for use, Multinautic® offers you various kayak and paddle board (SUP) racks.

- Easy installation
- To be installed on 1 11/16" posts or on the side of the dock
- For wooded docks or aluminum docks with tracks
- Minimalist aesthetic design

Kayak - Single

22018

Kayak - Double

22019

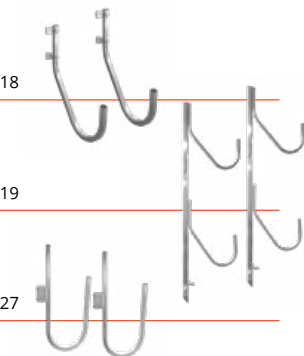
Paddle board (SUP)

22027

Wall support for the storage of single kayaks or paddle boards (SUP)









Use with #22018 or #22027

22023



LADDERS

Models

SERIES	ALUMINUM angled 17°	ALUMINUM	ALUMINUM polished et anodised	STEEL powder coated
				
OPTIONS	3 steps - 15020 4 steps - 15021 5 steps - 15022	3 steps - 15012 4 steps - 15013 5 steps - 15094	4 steps - 15513	3 steps white - 15503 metallic gray - 15504 anthracite black - 15505
CHARACTERISTICS	Inclined to facilitate entry and exit of the water Wide and extra deep steps With "J" hook quick fasteners	Wide and extra deep steps With "J" hook quick fasteners	Wide steps with plastic side protectors Possibility to add additional steps with #15528	3 colors available
STEP WIDTH	17"	17"	19-3/4"	17"
STEP DEPTH	5-1/2"	5-1/2"	4"	3-1/2"
SPACE BETWEEN STEPS	± 11"	± 11"	± 11"	± 11"
HANDRAILS	1" x 1" square shape Ideal for small children hands	1" x 1" square shape Ideal for small children hands	1-1/2" tubular	1-1/2" tubular
INCLUSIONS				
ASSEMBLY HARDWARE	✓	✓	✓	✓
INSTALLATION HARDWARE	✓	✓	✓	
INCLUDES	<ul style="list-style-type: none"> › 2 pre-drilled handrails › Individual steps 	<ul style="list-style-type: none"> › 2 pre-drilled handrails › Individual steps 	<ul style="list-style-type: none"> › 2 curved handrails › Steps section 	<ul style="list-style-type: none"> › 2 curved handrails › Steps section
CAPACITY (LBS)	250 lbs	250 lbs	400 lbs	400 lbs
				

LADDERS

Accessories

ADDITIONAL STEP

- › For ladder #15513
- › 5" x 17-¼" step
- › Plastic side protectors
- › Assembly hardware included



15528

EXTRA QUICK FASTENERS

- › To add choices of location on dock for ladders equipped with "J" hooks
- › Includes: 2 footman loops
4 #8 x 2 ½" screws



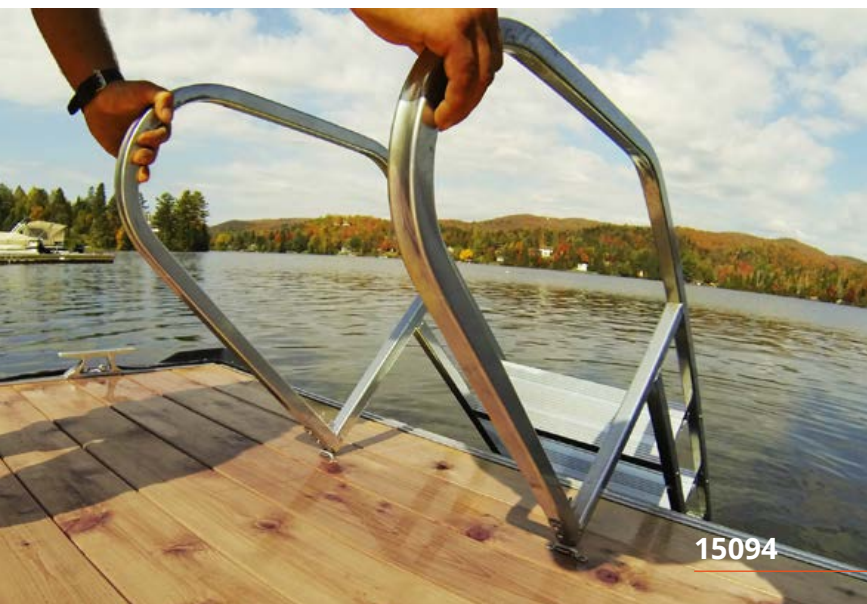
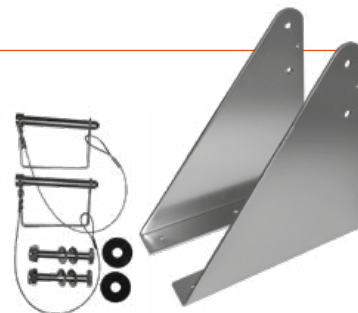
2 / package

32382

FLIP-UP DOCK LADDER KIT

- › For ladders #15513, 15503, 15504 & 15505
- › Transforms a fixed ladder into a flip-up ladder
- › Can also be used with other ladder models simply by drilling a few holes!
- › Includes: Left and right aluminum triangle supports
2 aluminum round plates
2 2-¼" locking pins
2 stainless steel ¾" x 2-½" bolts
2 nylon lock nuts
2 flat washers

15529



15094



15513



15513 & 15529

MOORING

Cleats and fasteners



INSTALLATION HARDWARE NOT INCLUDED

ORIGINAL DOCK CLEAT

- Galvanized molded steel

6" Needs : 2x ¼" x 3" bolts 15008

8" Needs : 2x ⅜" x 3" bolts 15006

10" Needs : 2x ⅝" x 3-½" bolts 15007



MULTINAUTIC® ALUMINUM DOCK CLEAT

- Cast aluminum
- Its high profile allows the use of many larger size dock lines

8" Needs : 2x ½" x 3" bolts 15110

10" Needs : 2x ½" x 3" bolts 15107

12" Needs : 3x ½" x 3" bolts 15108



MULTINAUTIC® FLIP-UP CLEAT

- Molded powder coated aluminum
- Round corners
- Will flip down when not in use

6" White - Needs : 2x ⅝" x 3" bolts 15112

6" Black - Needs : 2x ⅝" x 3" bolts 15113



STAINLESS STEEL MOORING CLEAT

- Stainless steel

4" Needs : 4x 1-½" # 10 wood screws 15220

5" Needs : 4x 1-½" # 10 wood screws 15221

6" Needs : 4x 1-½" # 10 wood screws 15206



NYLON DOCK CLEAT

- Strong black nylon
- Very light

4-½" Needs : 2x # 10 x 3" wood screws 35012

6" Needs : 2x # 12 x 3" wood screws 35010

8" Needs : 2x # 14 x 3" wood screws 35013

10" Needs : 2x # 14 x 3-½" wood screws 35014



MOORING RING WITH LAG SCREW

- Stainless steel
- Outside diameter : 2-½"
- 3-½" lag screw

15200



CLEAT BRACKET

- Hot dip galvanized steel
- Use as a reinforcement support for cleats to reduce stress from bolts
- For #15006-07 and #15107-10-11

15011



MOORING RING

- Black powder coated steel ring
- Outside diameter : 3"

Needs : 2x ⅜" x 2-½" bolts

15111



BOW SHACKLE

- Stainless steel
- ⅝"
- Other sizes also available

2 / package

32205



EYE TO EYE SWIVEL

- Stainless steel
- ⅝"

2 / package

32305



15113



35010

MOORING

Dock lines and mooring whips

PRE-SPLICED DOCK LINES

- › 100% nylon
- › Double braided with 12" pre-spliced loop
- › For boats up to 20'

White 3/8" x 15' 34900

Black 3/8" x 15' 34901



MOORING WHIPS

- › Large 3/4" diameter high quality solid fiberglass poles that will withstand rugged environments
- › Tips allow your boat to return to the dock effortlessly when you want to board
- › Sold as a pair and includes all mooring lines and the installation hardware

ECONO

- › Fresh water use
- › CAD designed whip base is injection molded from high impact reinforced plastic for incredible strength and durability

8' Boat weight up to 2500 lbs - 35050

12' Boat weight up to 5000 lbs - 35051

14' Boat weight up to 10 000 lbs - 35052



STANDARD

- › Aluminum-magnesium
- › Equipped with fixed angle bases at a 60° angle and commonly used for ski boats and runabouts

8' Boat length up to 20' / weight up to 2500 lbs - 35060

12' Boat length 18' à 23' / weight up to 5000 lbs - 35061

14' Boat length 24' à 28' / weight up to 10 000 lbs - 35062



PREMIUM

- › Aluminum-magnesium
- › Equipped with unique rocker arm bases that return the whip poles to a vertical position when not in use.

14' Boat length up to 33' / weight up to 20 000 lbs - 35072

16' Boat length 36' à 46' / weight up to 36 000 lbs - 35073

18' Boat length 47' à 56' / weight up to 48 000 lbs - 35074



15110 & 34900



STANDARD mooring whips



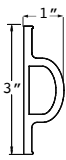
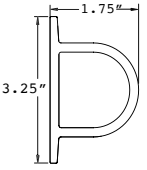
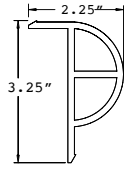
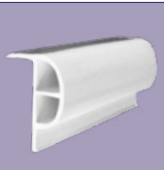
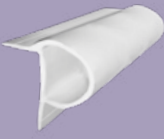
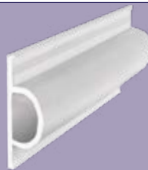
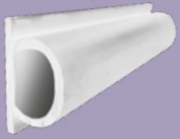
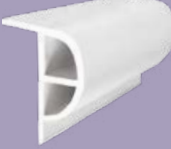


PROTECTION

Bumpers and post caps

PVC BUMPERS

- Prevent damages to boat during docking
- Premium quality PVC
- Salt water proof
- Non-marking
- UV resistant
- Anti-fungus treated
- Long lasting
- Easy care and cleaning

ECONO "P"	SMALL "P"	SMALL "D"	BIG "D"	REINFORCED "P"
				
				
6' length - white 10502	8' length - white 10522	25' roll - white 10503	8' length - white 15000	8' length - white 15002
6' length - black	8' length - black	16' roll - white 10510	10' length - white 15019	8' length - black 15062
		16' roll - black 10511	10' length - black 15028	16' length - white 15017
				16' length - black 15027

CORNER BUMPER

- Great quality bumper
- Solid flaps attach easily to any dock
- Color is permanently molded into the vinyl and will not transfer to the hull

white 10" x 10" 15003

black 10" x 10" 15053



SAFETY PVC POST CAPS

- Protects the ends of sometimes sharp posts and adds a finishing touch
- For 1-11/16" posts

white unit 15005

white 2 / package 15025

black unit 15050

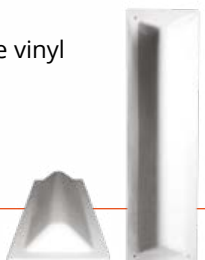
black 2 / package 15055



WHITE PVC MULTI DOCK GUARD

- Ideal on stationary docks where the water level changes during the season
- Color is permanently molded into the vinyl and will not transfer to the hull
- Horizontal or vertical installation

white 5" x 18" 15015

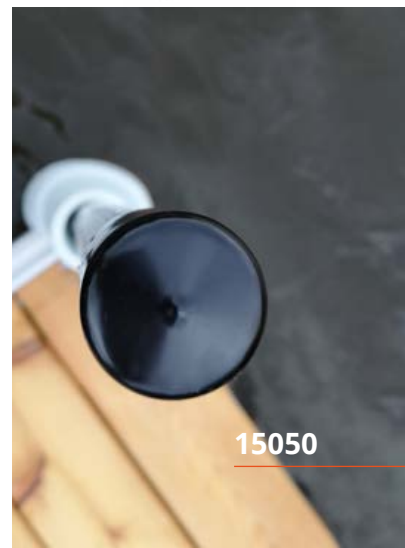


VERTICAL ADJUSTABLE BUMPER

- Made of aluminum and PVC (Big "D" model)
- Ideal on stationary docks where the water level changes during the season
- For aluminum or wooden docks
- Adjustable height
- 3-1/2" x 5" x 32"

white 2 / package 22045

black 2 / package 22044



PROTECTION

Bumpers and fenders

POST BUMPERS

- Ideal for stationary docks
- Protects the boat from contact with the metal dock posts and hardware at dock level
- Fits over a 2" outside diameter post or less and rests securely against the dock

white 7" x 17" 15014
black 7" x 17" 61100

with an inflation valve to adjust firmness



white 5" x 18" 15038

black 5" x 18" 15039



STAINLESS STEEL SCREWS "TRUSS HEAD"

- To install dock accessories and PVC dock profiles
- Extra-large flat head
- Will not create rust stains

#10 x 1" 100 / package 15031



VINYL FENDERS

- Adjustable pressure valve
- UV mold and mildew protected vinyl
- Ribbed to reduce roll
- Vertical or horizontal installation
- Reinforced eyelets on either ends
- White



For boats up to 15' 4-½" x 16" 35006

For boats up to 25' 5" x 20" 35007

For boats up to 30' 6-½" x 25" 35008

For boats up to 25" - 2 / package 5" x 20" 35027

CENTER HOLE PVC BOAT FENDER

- Call us for other sizes and colors

Black 10" x 26" 35009



FLOATS

How to choose floats

1

CHOOSE PREFERRED BUOYANCY

- Average per square foot

BASIC	20 lbs / sq.ft.
GOOD	25 lbs / sq.ft.
COMMERCIAL TYPE	30 lbs & + / sq.ft.

2

CHOOSE THE HEIGHT OF THE FLOAT

- According to the free-board* that fits your needs

EXAMPLE OF FREE-BOARD	CORRESPONDING HEIGHTS OF FLOATS
+/- 13"	8"
+/- 17"	12"
+/- 20"	16"

* Free-board: height of the dock above waterline with a "good" buoyancy

HOLLOW OR FOAM-FILLED... SAME FORMAT EQUALS SAME BUOYANCY

Hollow Float:

A hollow float is lighter (the dock is therefore easier to move) and less expensive.

If a float gets damaged by banging on big rocks, constant friction on lake bottom, it would not be repairable and would fill with water very quickly. 1-year warranty. *

Foam-filled:

More robust, because of the expanded foam, heavier, it results in a more stable dock.

If a small break occurs, it can take several years before the float loses its efficiency as it is filled with an expanded foam that takes all the space and will not let the water seep in. 15-year warranty *

* Against manufacturing defect and on a pro rata basis.
See Warranty page 50.

EXAMPLE OF FLOATS CALCULATION

Your use of the dock and your boats will guide you in choosing the float model you need:

- For swimming, pedal boating, canoeing or kayaking: low free-board
- For a pontoon or large motorized boat: high free-board

To calculate the amount of floats needed (for residential use, medium free-board) :

- A** Multiply the dock area (length x width) by 25 (for 25 lbs buoyancy per square foot).
- B** Divide this amount by the buoyancy capacity of the chosen float (ex. float R-450 has a capacity of 450 lbs) then round to the nearest even number.
Example of 8' x 12' medium free-board dock section:
 $8' \times 12' = 96 \text{ sq}^2$ $96 \times 25 = 2400 \text{ lbs}$ $2400 \div 450 = 5,33$ floats, so, 6x the R-450 model
- C** Make sure you have enough space to install all floats under the dock

CHOSEN MODEL FOR THE EXAMPLE:

Multinautic R-450 (#14008)

Buoyancy capacity of 450 lbs and height of 12"



Some comparable models are also available under other product numbers.

TRADITIONAL FLANGE

SKU	Description	Dimension	Buoyancy (lbs)	Weight (lbs)	Hollow	Foam-filled
14003	R-200 HD	24" x 36" x 8"	200	18	●	
14004	R-200 HD	24" x 36" x 8"	200	25		●
14202	E-250	24" x 48" x 8"	250	24	●	
14102	E-250	24" x 48" x 8"	250	33		●
14007	R-370 HD	24" x 60" x 8"	370	27	●	
14008	R-370 HD	24" x 60" x 8"	370	34		●
14013	R-450 HD	24" x 48" x 12"	450	30	●	
14014	R-450 HD	24" x 48" x 12"	450	40		●
14015	R-450	24" x 48" x 12"	450	24	●	
14016	R-450	24" x 48" x 12"	450	34		●
14107	E-450	24" x 48" x 12"	450	30		●
14017	R-600	24" x 48" x 16"	600	28	●	
14018	R-600	24" x 48" x 16"	600	37		●
14121	E-600	24" x 48" x 16"	600	34		●
14103	E-625	24" x 96" x 10"	625	49		●
14009	R-750 HD	24" x 60" x 16"	750	31	●	
14010	R-750 HD	24" x 60" x 16"	750	47		●
14122	E-750	24" x 60" x 16"	750	40		●

FULL FLANGED

SKU	Description	Dimension	Buoyancy (lbs)	Weight (lbs)	Hollow	Foam-filled
14186	E-250	24" x 48" x 8"	250	22		●
14190	E-400	24" x 48" x 12"	400	31		●

DOUBLE MOUNTING FLANGE (Ideal to install a skid that will protect the floats or to expand capacity)

SKU	Description	Dimension	Buoyancy (lbs)	Weight (lbs)	Hollow	Foam-filled
14019	DT-450	24" x 48" x 12"	450	29	●	
14020	DT-450	24" x 48" x 12"	450	40		●
14023	DT-675	36" x 48" x 12"	675	35,5	●	
14024	DT-675	36" x 48" x 12"	675	49		●
14037	DT-600	24" x 48" x 16"	600	35,5	●	
14038	DT-600	24" x 48" x 16"	600	49		●
14042	DT-900	36" x 48" x 16"	900	55		●

LAG BOLTS • 3/8 X 4-1/2"

› Galvanized lag bolts and super size 2" flat washers

4 / package • 22160

8 / package • 22162



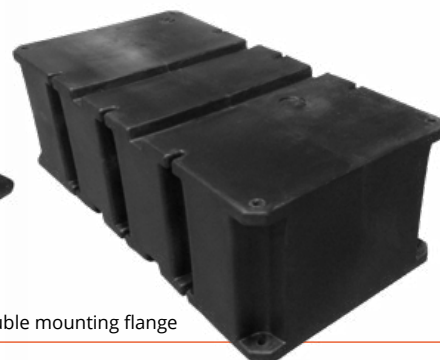
MORE THAN 100 OTHER SIZES OF FLOATS AVAILABLE



Traditional flange



Full flanged



Double mounting flange

COMMERCIAL & INDUSTRIAL

45 years of experience in creating extensive structures have brought us the know-how required to carry out any project. Whether it's designing and building your commercial marina, working platform, boathouse, barge or floating house, Multinautic® has the woodwork and welding workshops, the components and the experienced teams you need. Contact us to share your idea and make it a reality!



COMMERCIAL & INDUSTRIAL



- › Need inspiration to design your dock installation?
- › Are you a fan of sunsets on the water?
- › Would you like to know how to assemble your Multinautic® products?
- › Do you have questions about your product choices?

Join the Multinautic® community on social networks!

Be on the lookout for new products, sales or what other customers are doing with our products. When posting a photo of your Multinautic® installation or accessories, use the hashtag **#multinautic**. You will thus join the pool of satisfied customers of our products and will be able to compare your installations!

#multinautic

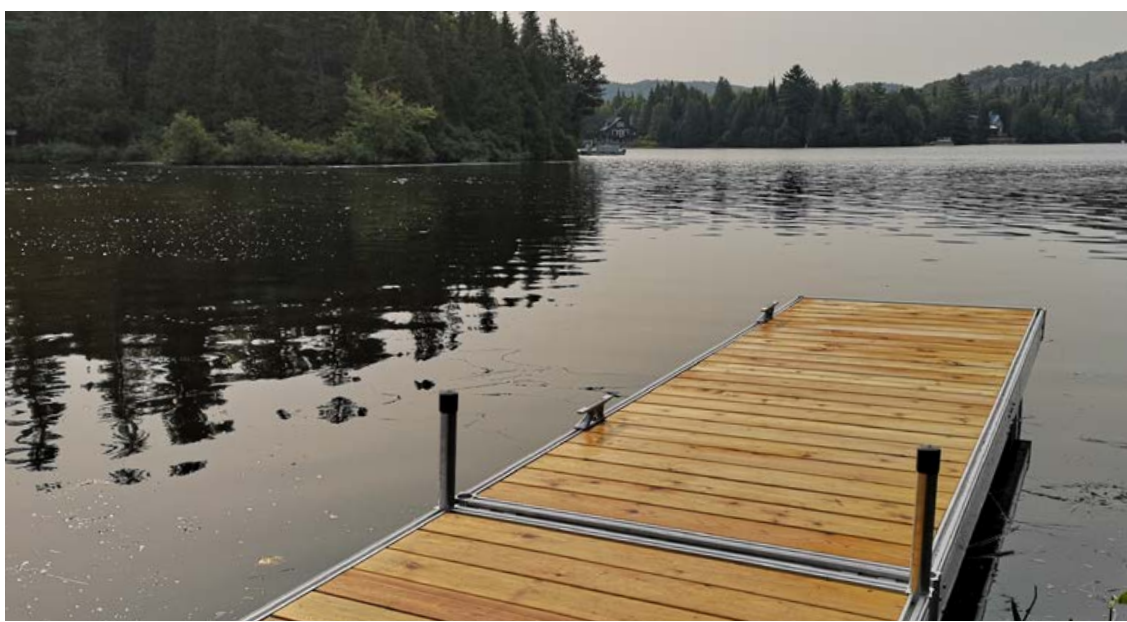
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IMPORTANT INFORMATION

› IMPORTANT INFORMATION AND DISCLAIMER OF LIABILITY

This selection, assembling, installation, anchoring, inspection, maintenance and winterizing techniques, suggestions or recommendations contained in our company's documentation and on our website or received over the phone and in store, are simply general guidelines, and are only intended to provide any person with a general and basic understanding and comprehension of the manufacturing assembling, installation and maintenance of a residential dock or mooring system. In no way is Multinautic recommending that any of such techniques, suggestions and recommendations be followed, in whole or in part, with regard to any specific case, as many factors may affect each and every individual installation, such as but not limited to, local regulations, severity of the climatic conditions in a specific location, choice of design, preference or necessity, moorings, water depth and bottom conditions, material used or other special circumstances that may affect your specific location. Multinautic may therefore not be held liable or responsible in any way. Any of these technical drawings, illustrations and/or plans, informations are not to be substituted, in whole or in part, for certified engineered drawings and are intended as general guideline only. MULTINAUTIC ASSUMES NO LIABILITY OR RESPONSIBILITY WHATSOEVER, FOR ANY COSTS, EXPENSES OR OTHER DAMAGES, DERIVED FROM OR IN RELATION WITH THE USE MADE BY ANY PERSON OF ANY SPECIFICATIONS, SUGGESTIONS OR RECOMMENDATIONS RECEIVED OVER THE PHONE AND IN STORE OR CONTAINED IN OUR COMPANY'S DOCUMENTATION

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Without limiting the foregoing, Multinautic does not warrant the quality and accuracy of its material lists or specific measurements, and verification by making your own review and obtaining advice and certification from an engineer must in all cases be made. PLEASE SEE OUR LIMITED PRODUCT WARRANTY FOR ALL SPECIFIC TERMS, CONDITIONS, LIMITATIONS AND EXCLUSIONS APPLICABLE TO OUR PRODUCTS' WARRANTY.

In case of disparity between the information contained in this catalog or the website and those provided by the Multinautic team, the information provided by the Multinautic team prevails. Merchants are not responsible for the information transmitted.

› INSPECTION AND MAINTENANCE OF DOCKS

STRUCTURE INSPECTION

For an aluminum dock, an inspection of all structural elements such as hinges between dock sections, corners, leg holders and other welded or screwed parts is essential. Be on the lookout for any cracks, weakness, or loose bolts. Have them repaired immediately to prevent further damage. Refer to the product instruction sheet for important additional information on maintenance. On a wooden dock, check the steel connections to make sure no parts are loose. If so, tighten them up quickly. If necessary, replace them.

DECKING MAINTENANCE

Several types of sealants can be applied to decking boards to prevent the wood from drying, cracking and becoming sharp. Consult your paint dealer and your municipality to make the right product choice.

MAINTENANCE OF THE ANCHORING SYSTEM

Anchoring chains, shackles, quick links, and other anchor attachments are prone to rust and will not usually last more than a dozen years (some areas or types of water may cause rust to be more aggressive) therefore requiring a periodic inspection of the entire system at the dock level and at anchorages (in the bottom of the water plan). Please check with your insurance company and refer to the laws governing the place of installation to know when to check. We believe that it is best to inspect regularly and make the necessary replacements rather than waiting for breakage and damage. It is the responsibility of the dock owner to make the necessary revisions and implement the necessary measures.

INSPECTION FREQUENCY

All docks must be inspected monthly and after each storm, high winds, strong waves or any event or use likely to damage or loosen the dock parts.





TECHNICAL INFORMATIONS

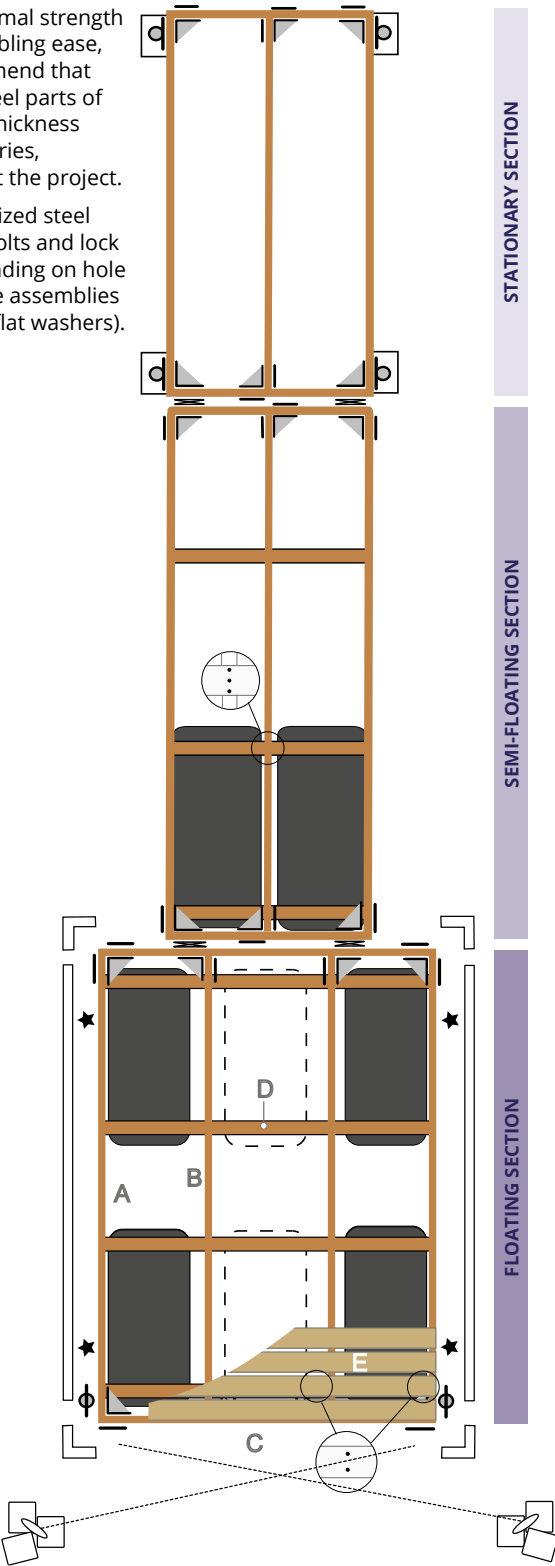
LAYOUT PLAN EXAMPLE

Wooden dock

LUMBER CALCULATIONS

A SIDE PIECES	desired dock length
B INSIDE JOISTS	dock length minus 3-¼"
C END PIECES	desired dock width, minus 3-¼"
D FLOAT SUPPORTS	desired dock width
E DECKING BOARDS	desired dock width

- For an optimal strength and assembling ease, we recommend that you use steel parts of the same thickness or same series, throughout the project.
- Use galvanized steel ⅜" or ½" bolts and lock nuts depending on hole sizes (some assemblies may need flat washers).



HARDWARE

4' x 10' STATIONARY SECTION	
▲ Inside corner	6
— Back plate	6
⚙ Leg holder	4
□ Base plate	4
⌘ Hinge	2
• Post and post cap	4
Bolts, nuts and lock washers	

4' x 12' SEMI-FLOATING SECTION	
▲ Inside corner	6
— Back plate	8
⌘ Hinge	2
Bolts, nuts and lock washers	

8' x 12' FLOATING SECTION	
▲ Inside corner	8
⊕ Anchor chain plate or corner (inside or outside)	2
— Back plate	12
Bolts, nuts and lock washers	

ACCESSORIES AND ANCHORING

DOCK ACCESSORIES	
★ Cleat and cleat bracket	4
└ Corner bumper	4
— Bumper	24 ft
○ Float (quantity depends on type chosen) + Lag screws and washers	6 or 8 4/float

ANCHORING	
..... Galvanized chain 5/16"	see p.48
⌘ HDG Shackle	2
□ Concrete deadman (1' x 1', minimum 125 lbs)	min. 6

These technical drawings, illustrations and/or information are not to be substituted, in whole or in part, for certified engineered drawings and are intended as general guidelines only.

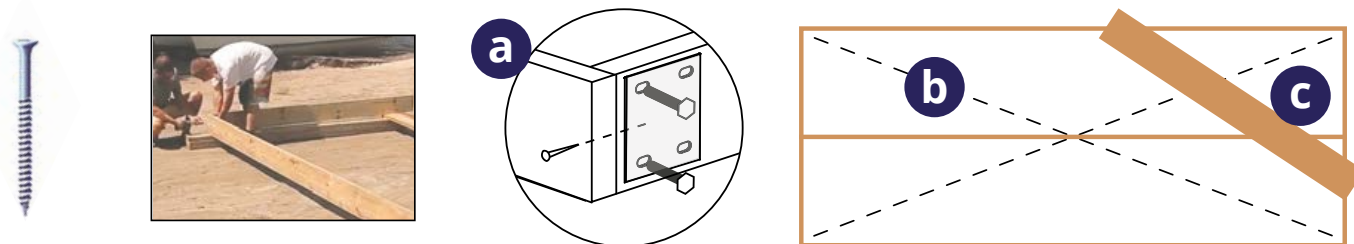
Please refer to the "Important information and disclaimer of liability" section on page 44.

HOW TO BUILD A WOODEN DOCK

in 4 steps

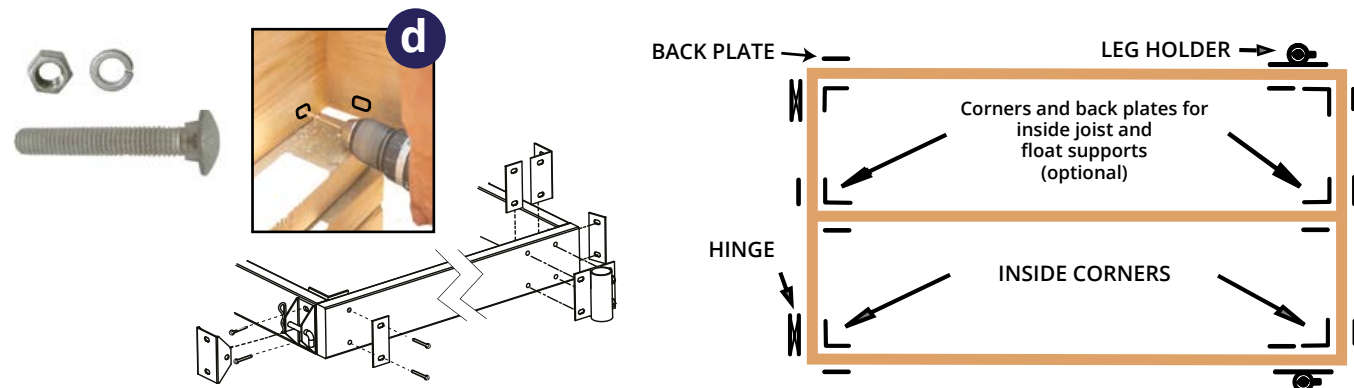
1

For a floating dock, start assembling the dock upside down so you can easily install the floats in step 3. Arrange the sides and ends of the base structure (and the interior reinforcements if necessary) and screw them in place. The screws should not be aligned with the holes you will make for the hardware **a**. Check the squareness by measuring the 2 diagonals. They must be within $\frac{1}{8}$ " of difference in length **b**. Secure in position by temporarily screwing a board on the structure **c**.



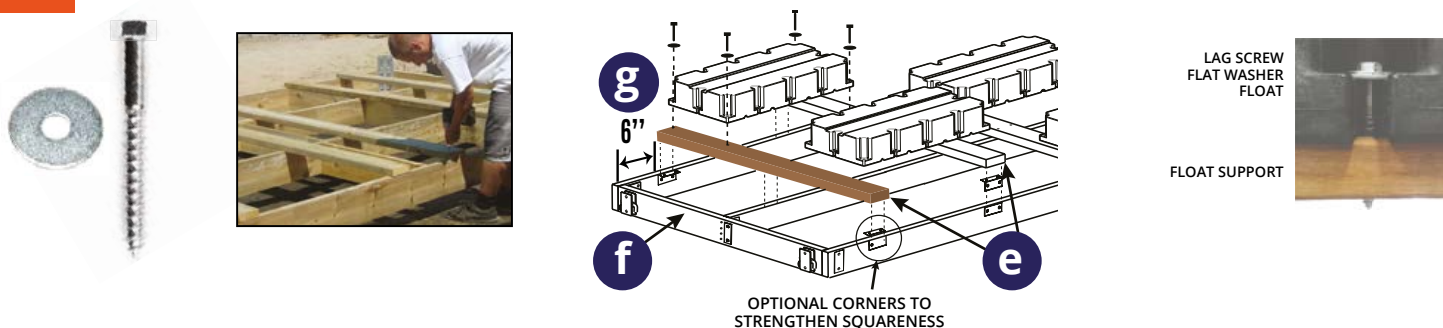
2

Starting with corners, align the parts, mark the holes with a pencil **d**, drill and install the hardware with the bolts. Note that parts may vary from the drawing. For a stationary dock, continue with step 4-B.



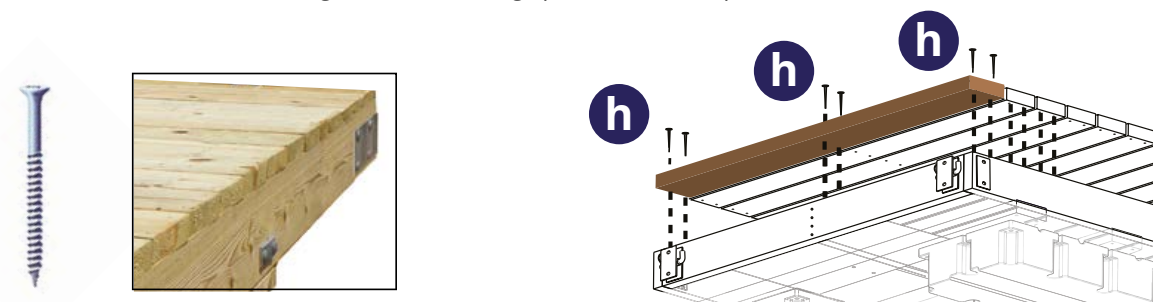
3

Arrange the float supports (2" x 6" boards) **e** and floats on the structure **f** to determine their positions. Leave +/- 6" of spacing with the main structure to allow further manipulations **g**. Mark the locations of the float brackets on the structure and those of the floats on the supports. Remove the floats, bolt the float supports with brackets and secure the floats using lag screws and large flat washers. You can also use bolts with lock and flat washers.



4

- A** For a floating dock, before installing the decking, you will need help to flip the structure over, carefully, without hurting yourself.
- B** Reconfirm squareness (see step 1). Screw the decking starting at one end of the dock section and cutting the second to last board width according to the remaining space. Screw the planks into the outer and inner beams **h**.

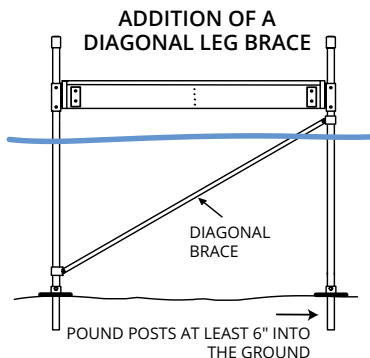


ANCHORING TECHNIQUES

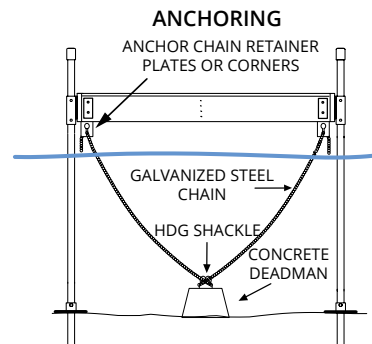
How to anchor your dock

> STATIONARY DOCK

There is no need to anchor a stationary dock unless you are in an area with strong waves. Posts driven into the ground alone will ensure stability. You should, however, anchor your boat so that it can not hit the docks. Some prefer the installation of a boat lift. In difficult conditions, you can add one or more diagonal reinforcements between the posts.



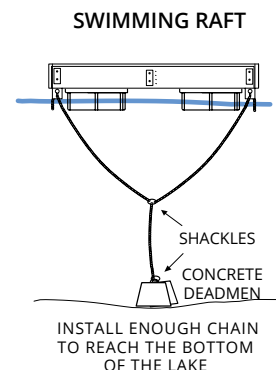
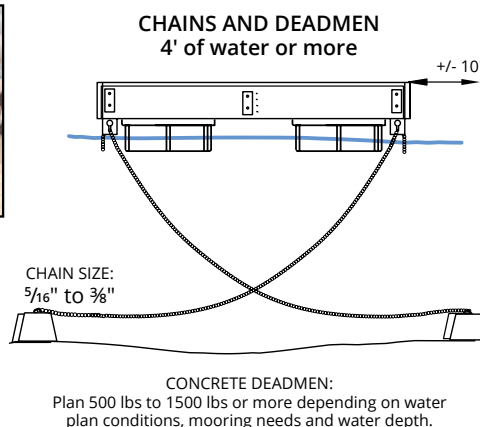
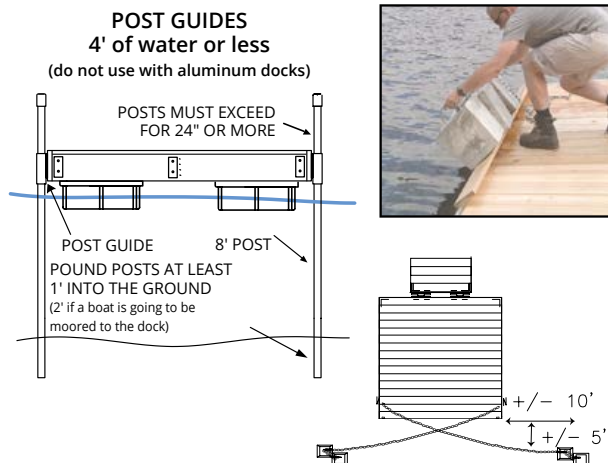
IN TROUBLE WATERS,
WITH HEAVY CURRENTS OR TO
ALLOW TEMPORARY MOORING



> FLOATING DOCK

A floating dock system absolutely requires an anchoring system at the end of the dock and every ~30 feet. It is the anchor blocks that will keep the docks in place in waves and water movements as there are no posts. Anchoring chain retainers are required at each anchor point. To install the anchor weights, place them on the floating dock section (we suggest you put a thick cardboard or piece of wood under the blocks to protect your decking), group the appropriate amount of blocks for each corner. Attach the chain with a shackle to the block group required for a corner. Move the dock over the desired anchor area and then tilt the blocks into the water holding the end of the chain that will attach to the dock. Keep some tension on the chain, attach it to your chain retainer in the opposite corner and cut it off with 2 extra feet for adjustments during the season. Do the same steps on the opposite side.

For the length of the chain, calculate about 4 times the depth to create the "X" shape.



EVALUATE POSITIONING TO AVOID INTERFERING WITH BERTHING OR SWIMMING

The blocks must weigh about 125 lbs each and have a square shape (+/- 1' x 1' x 1') to limit their movements once on the bottom (filling a bucket is not a good idea since it will roll once it falls to the side).

The chain used should be galvanized steel, size $\frac{5}{16}$ " and grade 30 (regular). We also recommend galvanized shackles for underwater fasteners. Avoid quick links plated with zinc for this purpose. It is also suggested to anchor the dock system at the four corners of the dock section to which the boats are attached.

ANCHORING EXAMPLES IN CALM WATER AREAS:

- Small crafts, less than 15': minimum of +/- 200 lbs per chain, on each side.
- Pleasure crafts, less than 19' (or approx. 2500 lbs): minimum of +/- 350 lbs per chain, on each side.
- Pleasure crafts, less than +/- 23' or +/- 4000 lbs (for ski or wakeboard boats): minimum of +/- 500 lbs per chain, on each side.
- Pontoon boat with camper roof, (that can catch in the wind): minimum of +/- 650 lbs per chain, on each side.

These examples are intended to guide you as much as possible in planning your project. However, some regions may require more anchors or a different method; we can not list everything here. We can not be held responsible for any incidents or damages that may occur as a result of putting into practice the techniques presented in this document, our fact sheets or on our website.

WINTER STORAGE

Ice damages

› SHOULD YOU LEAVE YOUR FLOATING DOCK IN THE WATER FOR THE WINTER?

There is really no clear answer, however, we strongly advise against it! It's not the fact that freezing water can damage your dock and floats; the problem is the movements of the ice. Generally, where lakes or rivers freeze, it is strongly recommended that all docks be removed for the winter. No matter the dock or float model, make or composition; deciding not to remove the dock from the water for the winter is obviously taking a risk.

- Imagine in spring the thawing lake; an island of ice is forming in the middle of the lake... One day of high winds this mass will move, split up and blocks of ice will inevitably move towards the shores of the lake. The weight of these big blocks of ice will push your dock on the shore or any other obstacle and create a lot of damage (see photos), it could even destroy your dock by crushing it completely. Some small lakes or protected bays may have little or no ice movement at all and may be areas where risk is lower.
- Another important concern is whether the water level in your lake or river fluctuates during the winter months. Maybe your dock is placed over a rock that is very well immersed during the summer but if the water level drops in the fall, it will be just a few inches below the surface ice. If the ice breaks or moves, it will make your dock vulnerable. It could be damaged or even crushed by rock or ice itself.
- Important note: ice cracks are often seen not far from shorelines; these are usually created where the ice begins to float; in return, the ice near the shore is dense and nested on the bottom of the lake. If your dock is wintering in this line of cracks, when the ice melts, your dock risks irreversible damage... So the areas further offshore or close to the water's edge could be less at risk than this unstable zone.
- Before making your final decision on whether to remove your dock from the water for the winter, check your neighbors' docks. If they have been left in the water all year round, for many years, without being subjected to ice damage, then chances might be on your side... but keep in mind that Mother Nature is sometimes unpredictable, so there is always a risk.
- As for stationary docks, they must always be removed from the water for the winter. Forty-five years of experience in construction and installation of docks confirm this!



› SUGGESTIONS FOR WINTER STORAGE

STATIONARY DOCKS

ALWAYS remove stationary docks from water and store them on land securely so that they are not damaged, including but not limited to, placing them over a rock or other object likely to damage them. Remove the posts and store the sections on top of each other, the top one upside down, to avoid discolouration.

FLOATING DOCKS

Unhook the anchor chains from the dock, tie them together and connect them to a long floating rope (usually the yellow plastic ropes float sufficiently) and leave them at the bottom of the water. The rope must be long enough to be retrieved in the spring. To pull the dockside sections out of the water, use 2" x 8" planks, lay them on the ground to create a ramp on which you will slide the docks. The layer of algae that will be formed under the floats will help you hoist them out of the water. Make sure you take the necessary steps to make sure the operation runs smoothly. Make sure that nothing strikes or rubs on rocks or anything that could damage the floats. You can also use a winch to facilitate the work.

PREPARATION FOR WINTER STORAGE IN THE WATER

We do not recommend leaving your floating docks in the water during the winter as they could be damaged. But, if you still decide to leave them in the water, know that it is at your own risk. Make sure to remove ladders and any accessories that reach below the water level, to prevent ice or other objects from causing damage. Detach the systems that connect the docks to the shore or a wall, if any. Remove all tension on the chains to allow movements due to fluctuations in the water level during the winter. Detach the dock sections from each other, connect them to the shore with ropes. Space them with bumpers (old tires do the trick but make sure you tie them properly). In this way, each section can move independently avoiding damage to the structure. If you move the dock sections near a shore to be more secure, make sure the floats can not rub on the bottom or on rocks.

WARRANTY

Information on limited warranty

LIMITED WARRANTY INFORMATION

Multi Online Distribution Inc. (hereinafter Multinautic) warrants that its products are free from defects in workmanship and materials for a period of one (1) year from the date of purchase by the consumer from an authorized Multinautic dealer (except for steel hardware, foam filled floats and winches, for which a longer period, described below, applies) for normal residential use under normal conditions and for which product has been designed and in accordance with Multinautic's assembly, installation and use instructions.

MULTINAUTIC SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR ANY DAMAGES OR REMEDIES NOT EXPRESSLY PROVIDED IN THIS WARRANTY. MULTINAUTIC ASSUMES NO RESPONSIBILITY FOR THE BUYER OR OTHERWISE FOR INJURY OR PROPERTY DAMAGE. MULTINAUTIC CAN NOT BE HELD RESPONSIBLE, IN THE EVENT OF ANY DAMAGE, EXCEEDING THE VALUE OF THE PRODUCT. MULTINAUTIC MAKES NO EXPRESS OR IMPLIED WARRANTIES OTHER THAN THOSE PRESENTED HEREIN, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES WILL NOT BE EXTENDED BEYOND THE TERM EXPRESS WARRANTIES PRESENTED HERE. THIS WARRANTY REPLACES ALL OTHER WARRANTIES THAT ARE RELATED OR MAY BE PROVIDED WITH ANY PRODUCT. THIS WRITTEN WARRANTY IS THE ONLY EXPRESS OR IMPLIED WARRANTY MADE BY MULTINAUTIC. SOME STATES OR PROVINCES DO NOT ALLOW THE LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR THE DURATION OF ANY IMPLIED WARRANTY THAT THE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND SOME STATES OR PROVINCES MAY GRANT CERTAIN OTHER RIGHTS.

If you believe that a product is defective during the warranty period, call 450-227-6217 or write to info@multinautic.com to request a Return Authorization Number (RAN). Multinautic reserves the right to request the return of the product for inspection and no return of product will be accepted without prior authorization. You will need to carefully repackage the product, insure it and return it with original proof of purchase, postage paid, to: Multinautic, 2330 Jean-Adam, St-Sauveur, Qc, Canada, J0R 1R2, mentioning the NAR on shipping label. Any product sent without NAR will be rejected and returned to the sender. In its sole discretion, Multinautic will repair, refund or replace the defective product. If a product is repaired or replaced by Multinautic, it will be returned to the consumer at the expense of the consumer. If Multinautic chooses to replace the defective product, the company reserves the right to replace it with another product of the same model or a model comparable in functionality. If Multinautic chooses to reimburse a defective product, the refund can not exceed the amount paid by the customer for that item (including taxes).

EXCLUSIONS

THIS WARRANTY DOES NOT APPLY, WITHOUT LIMITATION, IN CASE OF ABUSE OR MISUSE OF THE PRODUCT, RUST, BREAKAGE DUE TO EXCESSIVE PRESSURE OR TRACTION OR WHEN USED OR INSTALLED WITHOUT RESPECTING THE INSTRUCTIONS OF MULTINAUTIC, IN CASE OF NORMAL WEAR, OF AN ACT OF GOD, OF NEGLIGENT USE. THIS LIMITED WARRANTY DOES NOT COVER ANY PRODUCT THAT HAS BEEN SUBMITTED, WITHOUT LIMITATION, TO ABRASION, CUTTING OBJECT, DOCK TRANSPORTATION, SEVERE THUNDERSTORM, ACCIDENT, ALTERATION, COMMERCIAL USE, TO AN INADEQUATE

REGION OR AREA, TO VANDALISM OR WHEN BOUGHT FROM A THIRD PARTY OTHER THAN AN AUTHORIZED MULTINAUTIC DEALER, OR FOLLOWING A REPAIR NOT AUTHORIZED BY MULTINAUTIC.

LIMITED LIFETIME WARRANTY ON DOCK HARDWARE

Multinautic guarantees that its galvanized steel hardware for the assembly of wooden docks is guaranteed for life. This warranty is limited to the failure of a weld and does not cover wear due to normal use or exclusions described without limitation, in the "EXCLUSIONS" section of this warranty.

15-YEAR LIMITED WARRANTY ON FOAM FILLED FLOATS

Subject to the foregoing terms in the "Limited Warranty Information" section set forth immediately above, which are incorporated herein by reference, foam filled floats are warranted to be free against manufacturing defects in workmanship and material for 15 years from the date of their original purchase, except for products 14029 & 14030 which have a limited warranty of 8 years from the date of their original purchase. This warranty covers the floatation of the float when used for its intended residential use and purpose, under exposure to normal wind, weather and water conditions. It does not cover the exclusions listed, without limitation, in the "EXCLUSIONS" section of this warranty. Any floats which is determined to be defective shall be replaced or reimbursed under the above warranty at Multinautic's discretion. The value of replacement will be calculated in function of the remaining lifespan warranty of the product at the time of the claim and calculated from the date of the original purchase of the product.

3-YEAR WARRANTY ON WINCHES

Multinautic warrants that its winches are free from defects in material and workmanship for a period of 3 years from the date of purchase. This warranty does not cover wear and tear nor rust due to normal use or the exclusions described, without limitation, in the "EXCLUSIONS" section of this warranty.

GENERAL INFORMATIONS

Multinautic reserves the right to remove or modify, without warning, any product from its catalog, its website or any publications relating to its products, whether in terms of color, type of material or size. Multinautic makes no warranty with respect to the information contained therein or the availability of the products, their components or spare parts. The dimensions or sizes presented may differ depending on manufacturing processes and engineering tolerances. In addition, errors may inadvertently creep in when editing the website or any other publication to inform you and Multinautic will not assume any costs related to specifications given unless a written confirmation following a specific request.

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WHY CHOOSE MULTINAUTIC®

Marketing and promotional tools

- › We are experts of the nautical world, specialists in dock systems since 1974 ;
- › We have the widest range of aluminum docks, hardware and marine accessories ;
- › Our website is filled with technical sheets, layouts and "How To"s ;
- › You benefit from effective marketing tools to facilitate the choice of products to accomplish a real professional job ;
- › You benefit from the innovation of our research and development team for efficient and attractive docks and products ;
- › You are encouraging a family-run Canadian company serving even the most-hard-to-please waterfront residents since 1974 ;
- › Choosing Multinautic® is becoming THE dock specialist in your area !





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