Components and Accessories
WOOD DOCK HARDWARE
MADE WITH 1/4" HIGH STRENGTH STEEL THEN HOT DIPPED GALVANIZED

Outside Corner End (H-OCE) is used at the ends of fingers, ends of dock or for swim platforms.
H-OCE Ship# 7 Call for Price!

Outside Corner Male (H-OCM) has one 1/2" tab and a hole for a 3/4" bolt or B-PIN. Would be used with an Outside Corner Female (H-OCF) or with a Single "T" Female (H-SF). H-OCM Ship# 8 Call for Price!

Inside Corner (H-IC) has slots and can be used with 1-1/2" - 3" thick wood. The inside corner sandwiches the wood between the opposite outside corner, keeping bolts from burying themselves in the wood. A corner gusset gives the unit a lot of strength and helps from racking the dock. H-IC Ship# 7 Call for Price!

Outside Corner Female (H-OCF) has two 1/2" tabs and a hole for a 3/4" bolt or B-PIN. Would be used with an Outside Corner Male (H-OCM) or with a Single "T" Male (H-SM). H-OCF Ship# 9 Call for Price!

Single "T" Female (H-SF) has two 1/2" tabs and is used with an Outside Corner Male (H-OCM) or a Single "T" Male (H-SM). Both male and female singles can be bolted to the side of a dock to make finger attachments. They can also be bolted to seawalls to make ramps.
H-SF Ship# 4 Call for Price!

Single "T" Male (H-SM) has one 1/2" tab and is used with an Outside Corner Female (H-OCF) or Single "T" Female (H-SF).
H-SM Ship# 3 Call for Price!

PrecisionDockSystems.com  1-865-868-0472
WOOD DOCK HARDWARE
MADE WITH 1/4" HIGH STRENGTH STEEL THEN HOT DIPPED GALVANIZED

Washer Plates (H-W) are used mostly with Angles (H-A) and Cleat Angles (H-CA). The square hole in the plate keeps the carriage bolts from turning when the bolts are tightened. H-W Ship# 1 Call for Price!

Angles (H-A) are used to hold all cross stringers to side stringers using a Washer Plate (H-W). The wood is sandwiched between the steel and creates a solid corner. H-A Ship# 2 Call for Price!

Backup Plates (H-B) are used with Single "T" Males (H-SM) and Single "T" Females (H-SF) for additional strength and to keep bolts from pulling through the wood. H-B Ship# 2 Call for Price!

Cleat Angles (H-CA) have slots for various sizes of cleats. The cleat angle is bolted to the side stringer using a Washer Plate (H-W). The cleat is then bolted through the deck into the cleat angle. This keeps the cleat from pulling out of the deck. H-CA Ship# 2 Call for Price!

Inside Corner/3" I.D. Pipe Holder (H-IC3) has a 3" I.D. pipe holder welded in place. It can be used to replace a regular inside corner. It will accommodate a 2" I.D. pipe. H-IC3 Ship# 13 Call for Price!

3" Pipe Holder (H-OCEP3) outside corner end with a pipe holder welded to the end. 3" opening for 2" pipe. Save money by getting 2 pieces of hardware in one. H-OCEP3 Ship# 11 Call for Price!

3" Pipe Holder (P-3) can bolt to the side stringer and uses 2" standard pipe to anchor docks in place. P-3 Ship# 8 Call for Price!
WOOD DOCK HARDWARE

Typical Wood Dock Hardware Spacing.
The detail to the left shows typical wood
dock spacing using our H and HL grade
hardware. This applies to all dock hardware
where we use our 3/4” pin (B-PIN), including
our truss frame dock hardware. It does not
apply to our HD wood dock hardware.

SPLICE PLATES

Splice plates measure 5” x 25” x 1/4” and
are designed to join two timbers together.
One is used on each side. Bolt placement is
designed so that an angle and 1-1/2” lumber
can be added at the splice and end up at the
end of the splice. Note: H-SP uses H grade
hardware with 1/2” carriage bolts, HL-SP
uses HL grade hardware with 3/8” carriage
bolts.

<table>
<thead>
<tr>
<th>Type</th>
<th>Code</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>H-SP</td>
<td>Ship# 18</td>
<td>Set of 2</td>
<td>Call for Price!</td>
</tr>
<tr>
<td>HL-SP</td>
<td>Ship# 18</td>
<td>Set of 2</td>
<td>Call for Price!</td>
</tr>
</tbody>
</table>

CHAIN RETAINERS

Chain Retainers bolt to the side of the dock and use chain to hold a dock in place. Use chain up to 3/8” and two washer plates to reinforce.

<table>
<thead>
<tr>
<th>Type</th>
<th>Code</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>H-CR</td>
<td>Ship# 5</td>
<td>Call for Price!</td>
<td></td>
</tr>
<tr>
<td>HL-CR</td>
<td>Ship# 4</td>
<td>Call for Price!</td>
<td></td>
</tr>
</tbody>
</table>
HOMEOWNERS WOOD DOCK HARDWARE
MADE WITH 3/16" HIGH STRENGTH STEEL THEN HOT DIPPED GALVANIZED

Outside Corner End (HL-OCE) is used at end of fingers or docks. Good for swim floats. HL-OCE Ship# 4-1/2 Call for Price!

Outside Corner Male (HL-OCF) has one 1/2" tab with a hole for 3/4" bolt or pin. Use with HL-OCF or HL-SF. HL-OCM Ship# 5 Call for Price!

Inside Corner (HL-IC) is used with an outside corner to sandwich the wood corner gusset adds strength to dock. HL-IC Ship# 5 Call for Price!

Outside Corner Female (HL-OCF) has two 1/2" tabs with a hole for 3/4" bolt or B-PIN. Use with HL-OCM or HL-SM. HL-OCF Ship# 6-1/2 Call for Price!

Single "T" Male (HL-SM) has one 1/2" tab with a hole for 3/4" bolt or B-PIN. Use with HL-OCF or HL-SF. HL-SM Ship# 3 Call for Price!

Single "T" Female (HL-SF) has two 1/2" tabs with a hole for 3/4" bolt or B-PIN. Bolts to side of dock to attach fingers. Use also for ramps. HL-SF Ship# 4 Call for Price!

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HOMEOWNERS WOOD DOCK HARDWARE
MADE WITH 3/16" HIGH STRENGTH STEEL THEN HOT DIPPED GALVANIZED

Washer Plates (HL-W) are used with angles two with each angle.
HL-W Ship# 1/2 Call for Price!

Angles (HL-A) are used with cross stringers use with two HL-W.
HL-A Ship# 1-1/2 Call for Price!

Backup Plate (HL-B) is used for additional strength behind HL-SM and HL-SF.
HL-B Ship# 1-1/2 Call for Price!

Chain Retainer (HL-CR) bolts to side of dock and uses chain to hold dock in place. Use chain up to 3/8". Use two HL-W as backup plates.
HL-CR Ship# 4 Call for Price!

3" Pipe Holder (PL-3) bolts to side of dock. Uses two HL-W as backup Plates. Uses 2" pipe to hold dock in place.
PL-3 Ship# 5 Call for Price!

Cleat Angle (HL-CA) has slots to accommodate various size cleats and keeps cleats from pulling out. Use HL-W as backup plates.
HL-CA Ship# 11/2 Call for Price!

Homeowners outside corner end 3" pipe. (HL-OCEP3) Use with 2" ID SCH 40 pipe. HL-OCEP3 Ship# 7 Call for Price!

PrecisionDockSystems.com 1-865-868-0472
HEAVY DUTY WOOD DOCK HARDWARE

Made with 3/8" high strength steel then hot dipped galvanized

Merco developed this 3/8" thick hardware for tough areas for wood dock. Use timbers up to 3-1/2" thick. The hardware is 8" tall and uses 1/2" carriage bolts. This works really well with 3-1/2" thick parallam. Use a B-HB15 bolt or a B-PIN3 (both on page 28) for pin connectors. All parts are hot dipped galvanized after fabrication. Note: Heavy Duty Hardware will not work with other hardware.

Outside Corner End (HD-OCE) is used at the ends of fingers, end of docks or for large platform corners. HD-OCE Ship# 17 Call for Price!

Outside Corner Male (HD-OCM) has one 1/2" tab with a pin size of 1". Use with an Outside Corner Female (HD-OCF) or with a Single "T" Female (HD-SF). HD-OCM Ship# 19 Call for Price!

Inside Corner (HD-IC) has slots and can be used with lumber between 1-1/2" and 3-1/2". The inside corner sandwiches the wood between an outside corner and produces an extremely strong corner. The round corner gusset is stronger than a flat and helps the dock from racking. HD-IC Ship# 16 Call for Price!

Inside Corner Female (HD-OCF) has two 1/2" tabs with a pin size of 1". Use with an Outside Corner Male (HD-OCM) or with a Single "T" Male. (HD-SM). HD-OCF Ship# 21 Call for Price!

Single “T” Female (HD-SF) has two 1/2" tabs and is used with (HD-OCM) or HD-SM. Both Single “T”s can be bolted to the side of a dock to make finger attachments. Use with a backup plate (HD-B). Bolt to seawalls to make ramps. HD-SF Ship# 8 Call for Price!

Single “T” Male (HD-SM) has one 1/2" tab and is used with (HD-OCF) or (HD-SF). Both Single “T”s can be bolted to the side of a dock to make finger attachments. Use with a backup plate (HD-B). HD-SM Ship# 6 Call for Price!

PrecisionDockSystems.com 1-865-868-0472
HEAVY DUTY WOOD DOCK HARDWARE
MADE WITH 3/16" HIGH STRENGTH STEEL THEN HOT DIPPED GALVANIZED

Angles (HD-A) are used to hold all cross stringers in place. Use a Washer Plate (HD-W) to sandwich the wood between the angles and washer plate. HD-A Ship# 5 Call for Price!

Backup Plate (HD-B) are used with Single "T"s to keep bolts from pulling through the wood. HD-B Ship# 5 Call for Price!

Washer Plates (HD-W) are used primarily with Angles (HD-A) and Cleat Angles (HD-CA). The square hole keeps the carriage bolt from turning. HD-W Ship# 2 Call for Price!

Cleat Angles (HD-CA) are used to accommodate various size cleats. They are mounted under the deck and keep cleats from pulling out. HD-CA Ship# 5 Call for Price!

Female/Female Outside Corner HD-OCFF Ship# 23 Call for Price!

Hardware Height 8"

Hardware Thickness 3/8"

Male/Male Outside Corner HD-OCMF Ship# 21 Call for Price!

PrecisionDockSystems.com 1-865-868-0472
NON-ARTICULATING WOOD DOCK HARDWARE

H-NASF Ship# 5 Call for Price!

Use our non-articulating wood dock hardware on your wood frame floating boat docks to replace our standard H-SM, H-SF, H-OCM, and H-OCF hardware. The non-articulating style hardware allows for easy dock section connection but it won’t allow the sections to articulate or hinge at the connection point.

H-NASM Ship# 4 Call for Price!

The non-articulating hardware is compatible with our standard wood dock hardware H-IC Inside Corners and H-B Backup plates using two B-PIN 3/4" pins. The two different pin hole sizes allow a small tolerance for ease of assembly. The 9/16" square holes accept a 1/2" carriage bolt. Hot dipped galvanized after fabrication. All of the fasteners are available on page 28.

H-NAOCF Ship# 10 Call for Price!

H-NAOCM Ship# 9 Call for Price!

PIPE PIANO HINGE

Our pipe style piano hinge works great as a replacement hinge for either our truss frame, or wood dock hinges. The “pin” is a 1-1/2” SCH 40 pipe. If used on wood dock ramps the max. length of ramp is 20’. Lots of sizes and options available for all situations.

PrecisionDockSystems.com 1-865-868-0472
**WOOD DOCK HARDWARE**

Using our H-135 hardware, you can easily construct a finger stabilizer. Use H-SF and H-SM to complete the job. Finger stabilizers, especially on narrow fingers, tend to spread the load on the main dock side stringers.

H-135 135 Angle Ship#5 **Call for Price!**

Using our ramp-it hinge set, you can easily construct your own wooden ramp. These hinges come in sets (4 pieces) and are constructed from 1/4" plate and galvanized. They allow the ramp to go down no more than 30°, use 3/8" carriage bolts.

H-HS Hinge Set Ship# 12 **Call for Price!**

**PIPE TYPE FINGER STABILIZER**

Our pipe type finger stabilizer uses 2 H-SF Single "T" Female or 2-HL-SF Lightweight Single "T" Female and 1-1/2" pipe. Attach pipe to H-SF or HL-SF with either a B-Pin or B-HB3 bolts. Hot dipped galvanized.

H-FSP Finger Stabilizer Pipe only Ship# 12 **Call for Price!**

**ROLLER ASSEMBLY**

The Roller Assembly comes standard on most of our pile guides. Should you need replacement parts, see below.

Replace POLY roller with a UHMW (ultra high molecular weight) polyethylene black roller for tough areas.

Complete Assemblies

**Call for Price!**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Ship#</th>
</tr>
</thead>
<tbody>
<tr>
<td>H-RA</td>
<td>Roller Assembly — POLY</td>
<td>5</td>
</tr>
<tr>
<td>H-RAU</td>
<td>Roller Assembly — UHMW</td>
<td>5</td>
</tr>
</tbody>
</table>

Individual Parts that make up the Assemblies

**Call for Price!**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Ship#</th>
</tr>
</thead>
<tbody>
<tr>
<td>H-R</td>
<td>POLY Roller</td>
<td>1</td>
</tr>
<tr>
<td>H-RU</td>
<td>UHMW Roller</td>
<td>1</td>
</tr>
<tr>
<td>H-RSB</td>
<td>Roller Assembly Bracket</td>
<td>3</td>
</tr>
<tr>
<td>H-SHAFT</td>
<td>Roller Assembly Shaft</td>
<td>1</td>
</tr>
<tr>
<td>B-PALNUT</td>
<td>&quot;Hat&quot; type cap retainer for shaft</td>
<td>1</td>
</tr>
</tbody>
</table>

**DOCK MOVES UP AND DOWN WITH WATER LEVEL**

This is a convenient way to hold a dock in place without pile or pipe. Using our two stiff arm fittings you can make a stiff arm assembly. The H-SA2 thru bolts into a 2" pipe which is in the ground on shore. Two of the H-SA1's are thru bolted in both ends of a 2" Pipe. Tabs included on the side provide a place for cable. You supply the 2" pipe, cable and clamps.

**Call for Price!**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Ship#</th>
</tr>
</thead>
<tbody>
<tr>
<td>H-SA2</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>H-SA1</td>
<td></td>
<td>5</td>
</tr>
</tbody>
</table>

**PrecisionDockSystems.com** 1-865-868-0472
RAMP HARDWARE

Build a ramp using our ramp kit. Wider ramps can be built by buying additional center roller sections. Merco offers both regular 1/4" hardware and 3/16" homeowners. For ramps longer than 10', use 1/4" hardware. Use center roller every 2'. Extra holes in center allow use of an angle for the adjacent stringer. Rollers are made with UHMW for long wear. Use 1/2" carriage bolts on 1/4" hardware and 3/8" carriage bolts on 3/16" hardware - hot dipped galvanized. See replacement parts and UHMW (H-RU) roller on page 17 under "Roller Assembly."

H-RAMPL 1/4" Heavy
Ship# 11 Call for Price!

HL-RAMPL 3/16" Light
Ship# 9 Call for Price!

H-RAMPC 1/4" Heavy
Ship# 8 Call for Price!

HL-RAMPC 3/16" Light
Ship# 8 Call for Price!

H-RAMPR 1/4" Heavy
Ship# 11 Call for Price!

HL-RAMPR 3/16" Light
Ship# 9 Call for Price!
**RAMP STRINGER HINGE**

Merco manufactures a hinge system for wood stringer ramps. Hardware is 3/16", uses 3/8" carriage bolts, and is hot dipped galvanized. Use 2" x 6" or larger stringers. For use on ramps 12' or less.

**Example**

<table>
<thead>
<tr>
<th>Hardware shown on right for 4' wide dock</th>
<th>Call for Price!</th>
</tr>
</thead>
<tbody>
<tr>
<td>H-RHR 2 pcs.</td>
<td></td>
</tr>
<tr>
<td>H-RHL 1 pc.</td>
<td></td>
</tr>
<tr>
<td>H-WP 3 pcs.</td>
<td></td>
</tr>
<tr>
<td>B-HB588 3 pcs.</td>
<td></td>
</tr>
<tr>
<td>HL-W 7 pcs.</td>
<td></td>
</tr>
<tr>
<td>HL-A 4 pcs.</td>
<td></td>
</tr>
<tr>
<td>B-CB2 20 pcs.</td>
<td></td>
</tr>
</tbody>
</table>

**MOORING WHIPS**

These heavy duty solid fiberglass rods keep your boat away from the dock by applying continuous pressure outward while the spring lines keep the boat from moving out of position. The “Deluxe” is equipped with a fixed angle base and should be used with runabouts, center consoles, ski and bass boats. The “Ultimate” is equipped with a rocker arm base which pulls the whip up and out of the way when not in use. Should be used with sailboats, large yachts, fishing boats rigged with towers and pontoon boats.

*“The Deluxe”*

<table>
<thead>
<tr>
<th>Model</th>
<th>Boat Length</th>
<th>Weight</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-080</td>
<td>to 17'</td>
<td>to 2,500 lbs.</td>
<td>Call for Price!</td>
</tr>
<tr>
<td>D-120</td>
<td>17' to 23'</td>
<td>2,500 to 5,000 lbs.</td>
<td>Call for Price!</td>
</tr>
<tr>
<td>D-140</td>
<td>23' to 28'</td>
<td>5,000 to 10,000 lbs.</td>
<td>Call for Price!</td>
</tr>
</tbody>
</table>

*“The Ultimate”*

<table>
<thead>
<tr>
<th>Model</th>
<th>Boat Length</th>
<th>Weight</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1400</td>
<td>33'</td>
<td>to 20,000 lbs.</td>
<td>Call for Price!</td>
</tr>
<tr>
<td>1500</td>
<td>34' to 46'</td>
<td>20,000 to 36,000 lbs.</td>
<td>Call for Price!</td>
</tr>
</tbody>
</table>

All Kits Include: 2 Corrosion protected marine grade aluminum bases, 2 solid fiberglass whips, 2 whip cleats for whip line adjustment. All necessary hardware & lines. Complete installation instructions.

**TIDE RISER™**

Merco’s Tide Riser is hot dipped galvanized and made from 1-1/2" pipe with two 1/4" x 5" x 5" flanges to bolt to the wooden pile. The riser will travel approximately 3' and has a 1/2" tab welded to the sliding sleeve. Includes a clevis for easy attachment to the rope.

H-TR Ship# 18 Call for Price!

**GRAB HANDLE**

Merco’s H-GH is the same as our Tide Riser except it doesn’t have the slide. Mount to wood piles and have a great handle to maneuver your boat into it's slip. The H-DGH is a dock mounted handle its 12" between legs, and 32" total height. See our web site for more information.

H-GH Ship# 17 Call for Price!
H-DGH Ship# 17 Call for Price!

**PrecisionDockSystems.com**
1-865-868-0472
SQUARE INTERNAL PILE GUIDES

The internal square pile holders are made from 3" x 3" x 1/4" angle and have four poly rollers included. (UHMW - hard rollers available upon request at additional charge.) The 5" and 7" sizes have 3" rollers and all the larger sizes have 6" rollers. The pile guide is hot dipped galvanized after fabrication. The "R" denotes one side removable. All of our internal pile guides come complete with all the necessary rollers and hardware preassembled. Should you need replacement parts see page 17.

H-RA2 Roller Assembly for 5" - 7"

Call for Price!

HP-5IN Ship# 28

Call for Price!

HP-5INR Ship# 29

Call for Price!

HP-7IN Ship# 31

Call for Price!

HP-7INR Ship# 32

Call for Price!

Replacement Roller Assembly Parts for 9" and larger hoops see page 17.

HP-9IN Ship# 39

Call for Price!

HP-9INR Ship# 40

Call for Price!
SQUARE INTERNAL PILE GUIDES

For replacement roller assembly or parts see page 17.

HP-12IN Ship# 42 Call for Price!

HP-12INR Ship# 43 Call for Price!

HP-15IN Ship# 53 Call for Price!

HP-15INR Ship# 54 Call for Price!

HP-18IN Ship# 58 Call for Price!

HP-18INR Ship# 59 Call for Price!

PrecisionDockSystems.com

1-865-868-0472
HOOP PILE HOLDERS

Our convertible Hoop Pile Holders have 3 basic pieces, a dock bracket, a hoop and a roller assembly. This allows you to have a hoop pile holder the way you want it, whether it be a permanent hoop, a removable hoop or a hoop with a roller. All hoops on this page are 1-1/2” schedule 40 pipe. The dock brackets are 4” x 6” x 1/4” angle. The roller assembly features a 6” solid poly roller and can be bolted to the deck plate or directly to the dock. All parts are hot dipped galvanized. Add a UHMW Roller to any assembly as shown at the bottom of page 17.

<table>
<thead>
<tr>
<th>Ship #</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP-H8</td>
<td>8”</td>
<td>Roller Assembly</td>
</tr>
<tr>
<td>HP-DP8</td>
<td>13#</td>
<td>Assembly Complete</td>
</tr>
<tr>
<td>HP-H10</td>
<td>10”</td>
<td>Roller Assembly</td>
</tr>
<tr>
<td>HP-DP10</td>
<td>13#</td>
<td>Assembly Complete</td>
</tr>
<tr>
<td>HP-H12</td>
<td>12”</td>
<td>Roller Assembly</td>
</tr>
<tr>
<td>HP-DP12</td>
<td>16#</td>
<td>Assembly Complete</td>
</tr>
<tr>
<td>HP-H14</td>
<td>14”</td>
<td>Roller Assembly</td>
</tr>
<tr>
<td>HP-DP14</td>
<td>16#</td>
<td>Assembly Complete</td>
</tr>
<tr>
<td>HP-H16</td>
<td>16”</td>
<td>Roller Assembly</td>
</tr>
<tr>
<td>HP-DP16</td>
<td>18#</td>
<td>Assembly Complete</td>
</tr>
</tbody>
</table>

NOT SHOWN - 20” opening - HP-H20 / HP-DP20 / H-RA / HP-H20R  Call for Price!
HEAVY HOOP PILE HOLDERS

Our convertible Hoop Pile Holders have 3 basic pieces, a dock bracket, a hoop and a roller assembly. This allows you to have a hoop pile holder the way you want it, whether it be a permanent hoop, a removable hoop or a hoop with a roller. All hoops on this page are 2" schedule 40 pipe. The dock brackets are 4" x 6" x 1/4" angle. The roller assembly features a 6" solid poly roller and can be bolted to the deck plate or directly to the dock. All parts are hot dipped galvanized. Add a UHMW Roller to any assembly as shown at the bottom of page 17.

CHAIN PILE GUIDE

These chain pile guides come with a deck plate as on page 22 plus 3/8" hot dipped galvanized chain, clevis and 2" sch. 40 pipe rollers over the chain. Hot dipped galvanized. See page 17 to add a roller assembly if needed.

HP-DP8C 21# Call for Price!
HP-DP10C 24# Call for Price!
HP-DP12C 27# Call for Price!
HP-DP14C 30# Call for Price!
HP-DP16C 33# Call for Price!
HP-DP18C 35# Call for Price!

SMALL CHAIN PILE GUIDE

Includes everything as our standard chain pile guides except a lighter 1/4" chain, and 1-1/2" sch. 40 pipe rollers. See page 17 to add a roller assembly if needed.

HP-DP8CL 17# Call for Price!
HP-DP10CL 20# Call for Price!
HP-DP12CL 22# Call for Price!

PrecisionDockSystems.com 1-865-868-0472
PILE HOLDERS

Merco Marine's heavy duty roller pile holders are made with 1-1/2" ID SCH 40 pipe and includes 4 - 6" rollers, deck plate and roller assembly. Merco offers custom sizes of these also - deck plates can be used on wood dock or truss frames. Add a UHMW Roller to any assembly as shown at the bottom of page 17.

HP-10EX 10" Hoop Assembly 42# Call for Price!

HP-16EX 16" Hoop Assembly 60# Call for Price!

HP-12EX 12" Hoop Assembly 46# Call for Price!

HP-18EX 18" Hoop Assembly 65# Call for Price!

HP-14EX 14" Hoop Assembly 51# Call for Price!

HP-20EX 20" Hoop Assembly 70# Call for Price!
Merco’s elongated pipe holders (P-3EE) are used with 2” pipe. When a dock is fixed to a wall and the water level rises and falls, it is necessary to have an elongated pipe holder. P-3ES is to mount on the side of a dock. P-3EE is for the end of a dock. Approx. 6” of movement.

3” Pipe Holder (P-3) can bolt to the side stringer and uses 2” standard pipe to anchor docks in place.
P-3 Ship# 6 Call for Price!

3” Pipe Holder (PL-3) bolts to side of dock. Uses two HL-W as backup plates. Uses 2” pipe to hold dock in place.
PL-3 Ship# 5 Call for Price!

This heavy duty 3” pipe holder (HD-P3) bolts to the side of a dock using four 1/2” carriage bolts. Backed by 2 heavy duty washer plates (HD-W). Can use 2” pipe to hold a dock in place.
HD-P3 Ship# 12 Call for Price!

Inside Corner 3” I.D. Pipe Holder (H-IC3) has a 3” I.D. pipe holder welded in place. It can be used to replace a regular inside corner. It will accommodate a 2” I.D. pipe.
H-IC3 Ship# 13 Call for Price!

3” Split Pipe Holder can bolt to the side stringer and works with 2” pipe. The two halves of pipe holder can be unbolted. Uses 3/8” fasteners.
P-3S Ship# 8 Call for Price!

A pipe holder that will bolt directly to the truss side section. Use 2” pipe.
TF-P3 Ship# 10 Call for Price!
1" BAR HOOP PILE HOLDERS

Merco's Bar Hoops are made from solid 1" round. Sizes – 6" - 8" - 11" - 12" and 14". They have a pipe roller that works really well and are hot dipped galvanized. Each size comes with no extension, 4" extension beyond the roller, and a 10" extension (for those misplaced piles). Bolt down with 1/2" carriage bolts.

HP-BR6 Ship# 10 Call for Price!
HP-BR8 Ship# 11 Call for Price!
HP-BR11 Ship# 12 Call for Price!

HP-BR64 Ship# 12 Call for Price!
HP-BR84 Ship# 13 Call for Price!
HP-BR114 Ship# 14 Call for Price!

HP-BR610 Ship# 15 Call for Price!
HP-BR810 Ship# 16 Call for Price!
HP-BR1110 Ship# 17 Call for Price!
PIPE HOLDERS & PIPE GUIDES

HOW TO DETERMINE YOUR PILING DIAMETER

1. Measure the circumference of your piling. Our example below shows 30".

2. Take your measurement and divide by 3.14:
   \[ \frac{30}{3.14} = 9.554 \]

3. Now you know the diameter of a piling with a 30" circumference is 9.554".

H-SPH 12# Call for Price!
(two needed per assembly shown)
P-4S 10# Call for Price!
You provide the 2-1/2" Sch 40 pipe.

Great for attaching floating dock to stationary dock.

BAR PILE HOLDER
These bar hoops are made from solid 1" round. They are hot dipped galvanized and fastened with 1/2" carriage bolts.

HP-BR1210 Ship# 16 Call for Price!
HP-BR1410 Ship# 21 Call for Price!

HP-BR124 Ship# 16 Call for Price!
HP-BR144 Ship# 18 Call for Price!

HP-BR12 Ship# 14 Call for Price!
HP-BR14 Ship# 16 Call for Price!

PrecisionDockSystems.com 1-865-868-0472
FASTENERS

Most of our fasteners are the hard to find hot-dipped galvanized. Many other sizes are available - call for sizes and pricing.

Carriage Bolt Sets (bolt, washer, nut)
- B-CB1 1/2" x 1-1/2" Carriage Bolt Set Call for Price!
- B-CB3 1/2" x 3" Carriage Bolt Set Call for Price!
- B-CB4 1/2" x 4" Carriage Bolt Set Call for Price!
- B-CB5 1/2" x 5" Carriage Bolt Set Call for Price!
- B-CB6 1/2" x 6" Carriage Bolt Set Call for Price!
- B-CB7 1/2" x 7" Carriage Bolt Set Call for Price!
- B-CB10 1/2" x 10" Carriage Bolt Set Call for Price!
- B-CB381 3/8" x 1" Carriage Bolt Set Call for Price!
- B-CB385 3/8" x 1-1/2" Carriage Bolt Set Call for Price!
- B-CB2 3/8" x 2-1/2" Carriage Bolt Set Call for Price!
- B-CB8 3/8" x 4" Carriage Bolt Set Call for Price!

Hex Bolt Sets (bolt, washer, nut)
- B-HB1 1/2" x 1-1/2" Hex Head Bolt Set Call for Price!
- B-HB35 1/2" x 3" Hex Head Bolt Set Call for Price!
- B-HB7 3/8" x 1" Hex Head Bolt Set Call for Price!
- B-HB2 3/8" x 2-1/2" Hex Head Bolt Set Call for Price!
- B-HB33 3/8" x 3" Hex Head Bolt Set Call for Price!
- B-HB4 3/8" x 4" Hex Head Bolt Set Call for Price!
- B-HB538 3/8" x 5" Hex Head Bolt Set Call for Price!
- B-HB6 3/8" x 6" Hex Head Bolt Set Call for Price!
- B-HB5516 5/16" x 5" Hex Head Bolt Set Call for Price!
- B-HB586 5/8" x 6" Hex Head Bolt Set Call for Price!

Hex Bolt Sets (bolt, nylon lock nut)
- B-HB3 3/4" x 3-1/2" Hex Bolt Set Call for Price!
- B-HB15 1" x 3-1/2" Hex Bolt Set Call for Price!

Lag Bolt Sets (bolt, 2 flat washers)
- B-L25 3/8" x 2-1/2" Lag Bolt Set Call for Price!
- B-L3 3/8" x 3" Lag Bolt Set Call for Price!
- B-L4 3/8" x 4" Lag Bolt Set Call for Price!
- B-L6 3/8" x 6" Lag Bolt Set Call for Price!

Self-Tapping Hex Head Screw (screw, washer)
- B-STS 1/4" x 2-1/2" Call for Price!

B-DSS #8 x 2-1/2" Stainless, Square Drive Call for Price!
B-DSS #8 x 3" Galvanized, Phillips Call for Price!
B-DSS #7 x 2-1/2" Deck Screw Call for Price!
B-DS8 #7 x 2" Deck Screw Call for Price!
L-CDC Deck Clip Call for Price!
L-CDC Clip With Screw Call for Price!

Timberbolt Set (bolt, nut)
- B-TB6 5/8" x 6" Timberbolt Set Call for Price!
- B-TB8 5/8" x 8" Timberbolt Set Call for Price!
- B-TB10 5/8" x 10" Timberbolt Set Call for Price!

Connector Pin
(with Hitch Clip Pin)
for HL & H hardware
- B-PIN 3/4" x 3-1/2" Call for Price!

Tension Lock Pin for HL & H hardware
- B-PIN1 3/4" x 3-1/2" Call for Price!

Connector Pin for HD Hardware
- B-PIN3 1" x 2-1/2" "T" Pin Call for Price!

Stainless Ring Shank Large Head Nail
- B-RN 1-1/2" (25 per pkg.) Call for Price!

28 PrecisionDockSystems.com 1-865-868-0472
HEAVY DUTY STATIONARY DOCK

Merco's heavy duty stationary dock uses 2" pipe. The end brackets (SDH-DB) are made from 1/4" steel and use 1/2" carriage bolts for the wood stringers. The dock works like our regular stationary except you purchase the 3" x 3" x 1/4" beam the length you need. Standard is 4' wide (SDH-A4), 6' wide (SDH-A6) and 8' wide (SDH-A8). Longer sizes are available special order. Purchase stringer brackets (SDH-SB) for every 2' of width. The brackets have a 3/8" set screw as well as a 9/16" hole if you want to drill the pipe and use a 1/2" bolt to insure the pipe doesn't slip. Use the B-CB3 1/2" x 3" Carriage bolt set (page 28) with any of the hardware shown on this page to attach 1-1/2" lumber.

This single pipe bracket can be used in corners or for handrail. SD-DB2 2" ID pipe Ship# 8 Call for Price!

The Angle Bracket (H-A) is used when making a T or L dock as pictured on page 30 but using our heavy duty stationary dock hardware. (the hardware on page 30 is lightweight stationary hardware) H-A Angle Bracket Ship# 2 Call for Price!

Mud Pad (SD-MP2) is used with 2" pipe in rocky or hard bottoms 9" Square x 3/16" heavy duty. Hot dipped galvanized. SD-MP2 Ship# 7 Call for Price!

SDH-A4 4' Angle 3" x 3" x 1/4" Ship# 20 Call for Price!
SDH-A6 6' Angle 3" x 3" x 1/4" Ship# 30# Call for Price!
SDH-A8 8' Angle 3" x 3" x 1/4" Ship# 40# Call for Price!
SDH-DB Stationary Dock Bracket Ship# 8 Call for Price!
SDH-SB Stationary Stringer Bracket Ship# 2 Call for Price!
SDH-DB4 4' with 2 - SDH-DB, 1 - SDH-SB, and 1 - SDH-A4 assembled Ship# 38 Call for Price!
SDH-DB6 6' with 2 - SDH-DB, 2 - SDH-SB, and 1 - SDH-A6 assembled Ship# 46 Call for Price!
SDH-DB8 8' with 2 - SDH-DB, 3 - SDH-SB, and 1 - SDH-A8 assembled Ship# 56 Call for Price!

Auger is used with 2" pipe in softer bottoms or sand. SD-A2 Auger Ship# 4 Call for Price!

These angle braces slide over the pipe before installing the dock bracket. After the dock is in place tighten the set screws. Includes 2 end pipes, brace and bolts.

2" pipe Ship# 11 UPS/FedEx Call for Price!
SD-AB24 for 3' wide dock 4' Ship# 11 UPS/FedEx Call for Price!
SD-AB25 for 4' wide dock 5' Ship# 13 UPS/FedEx Call for Price!
SD-AB26 for 5' wide dock 6' Ship# 15 UPS/FedEx Call for Price!
SD-AB27 for 6' wide dock 7' Ship# 16 UPS/FedEx Call for Price!
SD-AB28 for 7' wide dock 8' Ship# 18 Truck Call for Price!
SD-AB29 for 8' wide dock 9' Ship# 19 Truck Call for Price!

PrecisionDockSystems.com 1-865-868-0472
STATIONARY DOCK

This example would use 4-SD-DB, 4-SD-SB, 3-HL-A, 8-SD-MP and 60-B-CB2 carriage bolts. You would need 8 wood stringers, 8-1-1/2" pipe and decking.

The SD-DB is shown below. All hardware shown in this system is available on page 31 and fasteners are on page 28.

Mercos's galvanized stationary dock brackets can be expanded to make 2-1/2', 3', 3-1/2' and 4' wide dock. The example used 4-SD-DB dock brackets, 4-SD-SB-stringer brackets and 8-SD-MD mud pads. You would supply 2" x 6" or 2" x 8" side stringer lumber, decking and 1-1/2" pipe bought locally. Dock brackets come with hardware to bolt halves together and set screws. Use with 1-1/2" ID SCH 40 pipe. You supply the lumber.

SD-DB Stationary Dock Bracket Ship# 14 Call for Price!
STATIONARY DOCK

Stringer Bracket (SD-SB) is used when decking span is too great and a center stringer is needed. Hot dipped galvanized.

SD-SB Stationary Stringer Bracket Ship# 1-1/2  Call for Price!

Auger is used with 1-1/2" pipe in softer bottoms or sand.

SD-A Auger Ship# 3  Call for Price!

Mud Pad (SD-MP) is used with 1-1/2" pipe in rocky or hard bottoms. Heavy duty. Hot dipped galvanized.

SD-MP Stationary Mud Pad Ship# 6  Call for Price!

SD-DB1 This single pipe bracket can be used in corners or for handrail

SD-DB1 Ship# 6 for 1-1/2" ID pipe  Call for Price!

3/8" x 2-1/2" carriage bolt sets used to bolt side stringers to dock brackets.

B-CB2 3/8" x 2-1/2" Carriage Bolt Set  Call for Price!

Angle Bracket (HL-A) is used when making a T or L dock as pictured. Hot dipped galvanized.

HL-A Lightweight Angle Bracket Ship# 11/2  Call for Price!

1-1/2" pipe   "L" Ship#   Ships via
SD-AB14 for 3' wide dock  4'  8#  UPS/FedEx  Call for Price!
SD-AB15 for 4' wide dock  5'  11#  UPS/FedEx  Call for Price!
SD-AB16 for 5' wide dock  6'  12#  UPS/FedEx  Call for Price!
SD-AB17 for 6' wide dock  7'  14#  UPS/FedEx  Call for Price!
SD-AB18 for 7' wide dock  8'  18#  Truck  Call for Price!
SD-AB19 for 8' wide dock  9'  17#  Truck  Call for Price!

PrecisionDockSystems.com  1-865-868-0472
VERTICAL PUMP FLOATING PLATFORM

Merco Marine's 12' x 12' and 16' x 16' vertical pump docks can support 200-500 HP pumps for agriculture, water and waste water applications. The 2 sections of this rugged steel platform can be easily bolted together on site. Comes complete with floats, Galvanized Press Lock Decking and plate for pump. Entire unit is hot dipped galvanized for long service. The base unit has 9950# of flotation. Walkways and other accessories are also available. Ships preassembled. The frame is made from 4" x 7.25 channel and hot dipped galvanized after fabrication. The handrail is 2" galvanized pipe fit together with Hollaender aluminum/ magnesium fittings. The center 3/8" x 4" x 4" plate is bolted to the frame. The plate is galvanized but has no hole so the customer can cut the correct hole for the pumps being used or send us your hole pattern drawing and we will cut holes to your specs at no additional charge. Call for complete details and pricing.

UNITS CAN BE ATTACHED TOGETHER FOR MULTIPLE PUMPS. CALL FOR COMPLETE OPTIONS AND PRICING

Our press lock decking comes standard (already included) on our vertical pump floating platform but can be purchased individually as shown below. These are industrial strength galvanized steel panels, great for high traffic or commercial needs. These are ideal for walkways and ramps. Allows for 65% sunlight penetration.

100 PSF LOADING

Ramps to dock, extensions of ramps and other size platforms can be constructed. Call one of our knowledgeable sales representatives to get more information.

VP-GRATING24 (2' x 4' x 1-1/4") Ship# 39  
VP-GRATING26 (2' x 6' x 1-1/4") Ship# 59  
VP-GRATING45 (4' x 5' x 1-1/4") Ship# 88  
Call for Price!  Call for Price!  Call for Price!

PrecisionDockSystems.com  1-865-868-0472
VERTICAL PUMP FLOATING PLATFORM

We build a lot of different vertical pump platforms each year. CALL US WITH YOUR NEEDS. Walkways with handrail available (see below)

Pipe line float carrying 18” pipe from pump

Large vertical pump with walkway.

3 pumps on 3 floating platforms attached together.

PIPE LINE FLOAT

Merco Marine pipe line float can be made to accommodate most size pipes. It is a simple, effective way to support a pipe from your pump to land. The frame is hot dipped galvanized after fabrication, frame bolts directly to a float.

Call for Price!

Float not included

FLOATING WALKWAYS

Merco Marine™ floating walkways are available in many different lengths and come complete with handrail and our press lock decking (page 32). The standard width that works best with our pump docks is 4’. The section shown below is a 4’ x 40’ section. Sections can pin or bolt together in 10’ increments to allow for easy assembly on site.
Merco Marine™ stocks permafloate® float drums. They carry a 15 year warranty. There are 51 sizes ranging from 1’ x 4’ x 12” all the way up to 4’ x 8’ x 32”. These floats have a nominal .150 wall thickness and are rotational molded from virgin grade materials with UV inhibitors assuring long life. The polyethylene shell is unaffected by saltwater, oil, gasoline and most chemicals. The floats are completely foam filled using a 1 to 1.5 density EPS. All floats feature a flat top configuration, a vent plug, and a molded heavy duty mounting flange and slots. All of our floats meet Corps of Engineers Regulation #36 CFR Part 327, absorption test and falling dart test.

**Features:**
- 51 Different Models
- Heavy wall thickness (.150) nominal wall
- One piece rotational molded shell
- Completely foam filled 1.0-1.5 density EPS
- Virgin grade polyethylene materials
- UV inhibitors
- Molded in Mounting slots
- Heavy Duty mounting flange
- Meets Corps of Engineers Regulation #36 CFR Part 327
- 15 year warranty
- Tank tested buoyancy ratings ~0.1-5%
- Lift tanks have a .300” nominal wall thickness

### Float Models

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SIZE</th>
<th>CU. FT.</th>
<th>ACTUAL WEIGHT</th>
<th>BUOYANCY (LBS.)</th>
<th>PRICE</th>
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<td>FC-1412</td>
<td>1’ x 4’ x 12”</td>
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<td>17# UPS</td>
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</tbody>
</table>

### Lift Tanks

<table>
<thead>
<tr>
<th>TANKS</th>
<th>SIZE</th>
<th>CU. FT.</th>
<th>ACTUAL WEIGHT</th>
<th>BUOYANCY (LBS.)</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FC-348630</td>
<td>34 1/2” x 96” x 30”</td>
<td>57.50</td>
<td>145#</td>
<td>2632</td>
<td>Call for Price!</td>
</tr>
<tr>
<td>FC-348636</td>
<td>34 1/2” x 96” x 36”</td>
<td>69.00</td>
<td>196#</td>
<td>3473</td>
<td>Call for Price!</td>
</tr>
<tr>
<td>FC-3216824</td>
<td>32” x 14” x 24”</td>
<td>74.67</td>
<td>208#</td>
<td>4127</td>
<td>Call for Price!</td>
</tr>
</tbody>
</table>
PERMAFLOAT FLOAT DRUMS

All units are manufactured from virgin Linear Low Density Polyethylene resin which contains U.V. inhibitors and Carbon Black to protect against U.V. deterioration. The resins offer a balance of toughness, rigidity, environmental stress crack resistance and low temperature impact performance. All units are rotationally molded for seamless one piece construction. The floats are completely foam filled with expandable polystyrene (EPS) foam with a nominal density of 1.0. Nominal wall thickness is 0.150". The encasement is recyclable.

All units will exhibit the following ASTM typical test results:

<table>
<thead>
<tr>
<th>Properties</th>
<th>Test Method</th>
<th>Units</th>
<th>Typical Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melt Index</td>
<td>ASTM D1238</td>
<td>g/10min</td>
<td>6.5-8.8</td>
</tr>
<tr>
<td>Density</td>
<td>ASTM D1505</td>
<td>g/ cm³</td>
<td>0.835-0.936</td>
</tr>
<tr>
<td>ESCR Condition A (100% igepal)</td>
<td>ASTM D1893</td>
<td>Hours</td>
<td>&gt; 1000</td>
</tr>
<tr>
<td>Brittleness Temperature</td>
<td>ASTM D748</td>
<td>°F (°C)</td>
<td>-103 (-75)</td>
</tr>
<tr>
<td>Heat Deflection Temperature @ 86psi</td>
<td>ASTM D648</td>
<td>°F (°C)</td>
<td>122-137 (50-59)</td>
</tr>
<tr>
<td>Tensile Strength @ yield 2&quot;/Min</td>
<td>ASTM D638</td>
<td>P.S.I.</td>
<td>2,500</td>
</tr>
<tr>
<td>Flexural Modulus (1% secant)</td>
<td>ASTM D790</td>
<td>P.S.I.</td>
<td>100,000-102,000</td>
</tr>
<tr>
<td>Impact Strength 1/8&quot; @ -40°C</td>
<td>Associate of Rotomolders</td>
<td>Ft lb</td>
<td>45-60</td>
</tr>
<tr>
<td>Impact Strength 1/4&quot; @ -40°C</td>
<td>Associate of Rotomolders</td>
<td>Ft lb</td>
<td>160</td>
</tr>
</tbody>
</table>

1 Impact Strength Test of material is at the lower -40°C temperature as recommended by the Association of Rotomolders and not the less stringent -20°F as used by some other manufacturers.

FLOATS FOR ROWING DOCKS

Up until now, if you wanted to build a rowing dock, you had to use foam for flotation (which is illegal by U.S. Army Corps of Engineers standards) or you had to use a float that was too high out of the water. Merco Marine™ now has a float that can ship by UPS, approved by all U.S. Army Corps of Engineers, has a tough polyethylene shell filled with foam (polystyrene) and was made specifically for rowing docks. The float, which is 8" high, 20" wide, and 72" long will support 380 lbs. and weighs 35 lbs. The outer shell is at least .150 thick, rotationally molded and has molded in slots for easy mounting. The float has a 15-year limited warranty and meets U.S. Army Corps of Engineers Reg. #36 CFR Part 327.

Call for Price!

FC-207208
FC-207210
FC-209610

PrecisionDockSystems.com
1-865-868-0472
WAVE ATTENUATOR
MERCO'S WAVE ATTENUATOR USES WATER FOR BALLAST

The stackable floats are 3' x 4' x 20". The upper float is foam filled for flotation of the structure. The stackable empty float is bolted to the bottom of the float and is filled with water. If needed, a second water filled float can be added. This system adds only the weight of the shell to the dock. The encased water acts as the attenuator against waves. It is an inexpensive and effective way to deter waves. The picture shown below shows a wave attenuator dock on Lake Erie. Notice the large swells on the right of the dock, compared to the left.

<table>
<thead>
<tr>
<th>Buoyancy</th>
<th>Ship#</th>
</tr>
</thead>
<tbody>
<tr>
<td>FC-WAFULL</td>
<td>1088</td>
</tr>
<tr>
<td>FC-WAEMPTY</td>
<td>None</td>
</tr>
</tbody>
</table>

Call for Price!

LOCAL PROJECTS

Merco sends docks and dock parts all over the country on a daily basis. However, we also have several local projects in our own home town that we are proud to tell you about. The three images below are of different projects that we have worked on within 1 mile of our facility in Wellsburg, WV. There is a new restaurant in town called the Crooked Dock. It opened up in the summer of 2013 and we've had a chance to sample the food numerous times and portions are large, prices are great, and the docks are always packed with boaters. The third picture shows a straight run with new piling. The owner of that dock had his previous dock damaged by a barge accident and we replaced the entire thing for him in the past year.

MERCO PLANT ADDITIONS

We're expanding again. New for the 2014 boating season we've added a new 60' x 90' storage warehouse for our products. We've also moved and re-configured our lumber storage shed to more easily access our lumber inventory.

PrecisionDockSystems.com
1-865-868-0472
DOCK WHEELS

Merco Marine™ has developed hardware to go with the 24” diameter 8” tread width wheel. This wheel is blow molded from tough high-density polyethylene. They are rated at 700# load capacity and covered by a 3 year warranty.

WHEEL Ship# 16 Call for Price!

The hardware can be used for roll in docks using our kit. You buy 1-1/2” schedule 40 pipe for the axle and upright. All the fasteners, brace and brackets come in the kit.

Kit Includes
2-Wheels 2-T-brackets 2-Dock side brackets
2-Braces 2-Brace brackets
All hardware needed to attach to almost any dock
All hardware is hot dipped galvanized

WH-DOCK KIT
Ship# 43 Call for Price!

BOAT LIFT
HARDWARE KIT

Put wheels on your boatlift and roll in and out for the season.

Kit Includes
2-Wheels
4-Mounting Plates
2-Axles
All hardware needed to attach to almost any boatlift
All hardware is hot dipped galvanized

WH-BOAT LIFT KIT
Ship# 60 Call for Price!
PILE CAPS

Merco Marine’s Pile Caps are injection molded in order to retain a uniform thickness of .100. Both round and square caps are cone shaped (a little tougher for birds to perch on). They are made from polyethylene, come in both black and white and have 4 pre-punched holes on the flanges for nailing.

ROUND CAPS

<table>
<thead>
<tr>
<th>Ship#</th>
<th>ROUND</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB-7</td>
<td>7&quot; Black</td>
</tr>
<tr>
<td>PCB-8</td>
<td>8&quot; Black</td>
</tr>
<tr>
<td>PCB-9</td>
<td>9&quot; Black</td>
</tr>
<tr>
<td>PCB-10</td>
<td>10&quot; Black</td>
</tr>
<tr>
<td>PCB-11</td>
<td>11&quot; Black</td>
</tr>
<tr>
<td>PCB-12</td>
<td>12&quot; Black</td>
</tr>
<tr>
<td>PCB-13</td>
<td>13&quot; Black</td>
</tr>
<tr>
<td>PCB-14</td>
<td>14&quot; Black</td>
</tr>
<tr>
<td>PCB-15</td>
<td>15&quot; Black</td>
</tr>
<tr>
<td>PCB-16</td>
<td>16&quot; Black</td>
</tr>
</tbody>
</table>

STAINLESS NAILS FOR CAPS

This 1-1/2" stainless ribbed nail works well in wood piles. It has a large head and comes in packages of 25 (need 4 per cap).

B-RN Call for Price!

SQUARE CAPS

<table>
<thead>
<tr>
<th>Ship#</th>
<th>SQUARE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB-8S</td>
<td>8&quot; Black</td>
</tr>
<tr>
<td>PCB-10S</td>
<td>10&quot; Black</td>
</tr>
<tr>
<td>PCB-12S</td>
<td>12&quot; Black</td>
</tr>
<tr>
<td>PCB-14S</td>
<td>14&quot; Black</td>
</tr>
</tbody>
</table>

Merco Marine™ warrants all its pile caps to the original owner against cracking, peeling and deterioration from ultraviolet rays under normal usage for 3 years from the date of purchase.

AIR LIFT™

Personal Watercraft Lift by Merco Marine

AIR LIFT™ Personal Water Craft (PWC) lift. This is a “floating” style PWC lift that easily installs to your existing Merco Marine™ or other floating boat dock. The unit comes standard with a 110v electric, remote controlled air pump to raise and lower the lift with ease. To lower the unit: Turn the valve and go. When you come back, drive on to the unit and push the remote button to raise your PWC out of the water. Keep the pump running while you get back on the dock, turn off the pump and close the valve. Everything you see in the picture above is included with the kit, even the lumber and a cleat to tie off to. Instructions are included for ease of assembly. For use on floating dock only. The unit will float under its own flotation for you to tow it to where you’re mounting it, and bolt it in place. Our AIR-BRACKET is the key, it’s pre-punched to match the holes in any of our truss frame dock and most other dock types.

<table>
<thead>
<tr>
<th>Ship#</th>
<th>AIRLIFT Complete Kit Call for Price! 500# (approx)</th>
</tr>
</thead>
</table>

PrecisionDockSystems.com 1-865-868-0472
Our all-aluminum gangways are 100% welded and offer a detachable handrail up to 30’ for easy shipping. Gangways over 30’ have welded handrails. All gangways come standard with full width UHMW rollers, ramp cover plate and horizontal hinge assembly. The 6061-T6 extruded ribbed decking offers excellent skid resistance in wet and dry weather. All fasteners are stainless steel.

<table>
<thead>
<tr>
<th>Model</th>
<th>Length x Width</th>
<th>Material</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG-315</td>
<td>3' x 15'</td>
<td>Aluminum Gangway</td>
<td>400# Call for Price!</td>
</tr>
<tr>
<td>AG-320</td>
<td>3' x 20'</td>
<td>Aluminum Gangway</td>
<td>458# Call for Price!</td>
</tr>
<tr>
<td>AG-325</td>
<td>3' x 25'</td>
<td>Aluminum Gangway</td>
<td>588# Call for Price!</td>
</tr>
<tr>
<td>AG-330</td>
<td>3' x 30'</td>
<td>Aluminum Gangway</td>
<td>673# Call for Price!</td>
</tr>
<tr>
<td>AG-415</td>
<td>4' x 15'</td>
<td>Aluminum Gangway</td>
<td>480# Call for Price!</td>
</tr>
<tr>
<td>AG-420</td>
<td>4' x 20'</td>
<td>Aluminum Gangway</td>
<td>524# Call for Price!</td>
</tr>
<tr>
<td>AG-425</td>
<td>4' x 25'</td>
<td>Aluminum Gangway</td>
<td>670# Call for Price!</td>
</tr>
<tr>
<td>AG-430</td>
<td>4' x 30'</td>
<td>Aluminum Gangway</td>
<td>762# Call for Price!</td>
</tr>
</tbody>
</table>

Call for other sizes. Lengths available up to 100’

- Welded or Removable Handrail
- Ramps and Rollers or Hinged options on either end.

PrecisionDockSystems.com 1-865-868-0472
DOCK BOXES

Standard Features:
• Made in the U.S.A.
• Strong, sandwich-core bench-like lid construction/design for unsurpassed strength.
• Gas lifts are standard on all models.
• Lockable, stainless steel latches secured with oversized, rustproof rivets. Latch will accommodate up to 1/4" shackle.
• Heavy duty white fiberglass construction with an average 3/16" thickness.
• UV gel coat provides long-lasting beauty and protection.
• Brackets for optional gas cylinders are standard on all numerical model numbers 426 and above.
• Attractive off-white interior finish.
• Stainless steel piano hinges are attached with adhesive and oversized, rustproof rivets.
• 30 standard models; custom models are also available.
• Stainless steel cable stays are standard on all models.

ALUMINUM ROLL-IN-DOCK

Merco has developed an aluminum roll in 4' wide by 24' or 32' long dock. The dock features our Tuf-Tred decking. (page 47) 24" wheels and axles, a built in removable trailer hitch, rubrail, 4 - 8” nylon cleats and it is ready to put in the water. The high strength 2” x 5” aluminum mains and cross members are welded and make a stiff sturdy frame. The only option is a pipe holder for shore end that can be bolted to the side if the dock tends to move around. (normally it is not needed) When the boating season is over slide the trailer hitch in the receiver, hook it to your truck or 4 wheeler and pull it out. The 24’ dock can work up to a 4/1 or 14° shore pitch. The 32’ version can utilize a steeper shoreline or 6/1 or 11°.

PrecisionDockSystems.com 1-865-868-0472
PERMAPORT® PWC LIFT

- EPS foam filled
- Fixed or floating dock mounting hardware (extra cost)
- Rotationally molded LLDPE
- Tan or gray speckled color
- 6 built-in rollers for ease of loading and unloading your personal watercraft (included)
- 1 self-centering roller to guide you to the center of the PWC lift automatically
- Inside diameter of corner holes is 2-3/4"
- More info available on our website including a youtube video under our products - personal watercraft lifts - permaport

<table>
<thead>
<tr>
<th>Item#</th>
<th>Color</th>
<th>Weight</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PWC-T</td>
<td>Tan</td>
<td>240#</td>
<td>Call for Price!</td>
</tr>
<tr>
<td>PWC-G</td>
<td>Gray</td>
<td>240#</td>
<td>Call for Price!</td>
</tr>
<tr>
<td>PWC-T58</td>
<td>Tan</td>
<td>225#</td>
<td>Call for Price!</td>
</tr>
<tr>
<td>PWC-G58</td>
<td>Gray</td>
<td>225#</td>
<td>Call for Price!</td>
</tr>
</tbody>
</table>

Hardware for Floating Docks (includes connecting bars) Show to the left
PWC-HFLOAT 45# Call for Price!
Hardware for fixed docks (Pipe not included)
PWC-HFIX 42# Call for Price!

BENCH

It is nice to have a bench on the dock for that early morning cup of coffee or that late sunset. Our bench kit comes with bench ends only or complete with seats and back. Legs are hot dipped galvanized. Bolts directly to your dock. Bench seats and back are IPE.

<table>
<thead>
<tr>
<th>Item#</th>
<th>Description</th>
<th>Weight</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>BEN-ENDS</td>
<td>2 Bench Ends</td>
<td>30#</td>
<td>Call for Price!</td>
</tr>
<tr>
<td>BEN-4</td>
<td>4' Complete Bench</td>
<td>72#</td>
<td>Call for Price!</td>
</tr>
</tbody>
</table>

SWIM FLOAT KIT

Build this 8’ x 8’ swim float with our complete kit. The only thing you will buy locally will be 7 - 2” x 8” x 8” and 2 sheets of 5/8” x 4’ x 8’ plywood. The kit includes, all the inside and outside galvanized hardware, angles, all the bolts, 4 - FC-2412 float drums, nails, carpet, glue for the carpet, rubrail vinyl corners and full picture instructions. Call for details.

<table>
<thead>
<tr>
<th>Item#</th>
<th>Description</th>
<th>Weight</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>H-SFK88</td>
<td>8’ x 8’ Swim Float Kit</td>
<td></td>
<td>Call for Price!</td>
</tr>
</tbody>
</table>
DOCK KITS

Merco Marine has put together 2 kits for wood docks. All the galvanized hardware including bolts are included in each dock kit. The lumber and decking can be bought locally.

KIT A

<table>
<thead>
<tr>
<th>Lumber Needed</th>
<th>Permafloats Needed</th>
<th>Decking Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 2&quot; x 8&quot; x 10'</td>
<td>2 4' x 6' x 12&quot;</td>
<td>160 Sq. Ft. of decking and screws</td>
</tr>
<tr>
<td>2 2&quot; x 8&quot; x 6'</td>
<td>2 4' x 4' x 12&quot;</td>
<td></td>
</tr>
<tr>
<td>2 2&quot; x 8&quot; x 4'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 2&quot; x 6&quot; x 6'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 2&quot; x 6&quot; x 4'</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Kit A Includes

- HL-IC: 8
- HL-OCE: 6
- HL-OCM: 2
- HL-OFC: 1
- HL-SF: 2
- HL-A: 13
- HL-W: 37
- HL-B: 2
- HL-CA: 3
- PL-3: 4
- B-PIN: 2
- B-L4: 40
- B-CB2: 146
- C-10: 3
- B-HB6: 6

Right “L” Dock

Left “L” Dock

“T” Dock

Kit A Includes

- KIT-A/H: Hardware Call for Price!
- KIT-A/HF: With Floats Call for Price!

KAYAK DOCK

This dock sits low in the water and has a small 4" slip perfect for a canoe or kayak.

<table>
<thead>
<tr>
<th>Lumber Needed</th>
<th>Permafloats Needed</th>
<th>Decking Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 2&quot; x 8&quot; x 12&quot;</td>
<td>15 2' x 4' x 8&quot;</td>
<td>144 Sq. Ft. of decking and screws</td>
</tr>
<tr>
<td>9 2&quot; x 8&quot; x 4&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Kayak Dock Kit Includes

- HL-IC: 12
- HL-OCE: 6
- HL-NAOCM: 4
- HL-NAOCF: 2
- HL-NASF: 2
- PL-3: 4
- HL-A: 15
- HL-W: 38
- HL-B: 2
- B-PIN: 8
- B-CB2: 180

PrecisionDockSystems.com 1-865-868-0472
HOLLAENDER FITTINGS

If you need to build a handrail, these fittings may be just what you were looking for. The special aluminum/magnesium alloy is compatible with galvanized schedule 40 pipe as well as aluminum schedule 40 pipe. We recommend 1-1/2" pipe in most cases and stock this size fitting. We like the lightweight, their great strength and their corrosion resistance.

As a Hollaender distributor for the marine industry, we stock the above parts. There are a number of other fittings that could be special ordered. If you don’t see what you need, give us a call and we will get you a complete list of rail fittings.

STANDARD USE

We use a lot of the HF-5, HF-12, and HF-3 fittings to build handrail sections for floating walkways and pump dock sections (pages 32-33). We make our own piece of hardware to attach handrail sections to our docks (TF-PH on page 58). Use the HF-5 on the top then the HF-12 for the midrail and the HF-3 for any corners. We use all 1.9 galvanized tubing for our handrail.
CLEATS

This solar powered cleat lights up at night with a red LED. Great for dock areas when docking your boat.
C-12GC Ship# 1 Call for Price!

Our black nylon cleats are almost unbreakable and are resistant to salt and sun damage. Use two 5/16" flat head bolts to fasten down.
C-8N 8" Black Nylon Cleat 1# Call for Price!
C-10N 10" Black Nylon Cleat 2# Call for Price!

The cast aluminum S cleats work especially well if you have to bolt from the top down into the deck.
C-10S 10" Aluminum S Cleat 2# Call for Price!
C-12S 12" Aluminum S Cleat 3# Call for Price!

Our cast aluminum cleats are made of a non-corrosive alloy which gives a long life even in saltwater.
C-10A 10" Aluminum Cleat 1# Call for Price!
C-12A 12" Aluminum Cleat 2# Call for Price!

This heavy duty fold down cleat is made from filled nylon and is strong enough to be driven over. It can be bolted down from the top rated for 1/2" rope. Has stainless hinge pin. Pat# 5,438,944
C-FD6 Fold Down Cleat 2# Call for Price!
C-FD9 Fold Down Cleat 2# Call for Price!

Merco's steel cleats are made from malleable iron and then hot-dipped galvanized. C-8 uses 5/16" hex head bolts, C-10 uses 3/8" hex head bolts, C-12 uses 3/8" hex head bolts. (Fasteners on page 28)
C-8 8" Galvanized Steel Cleat 2# Call for Price!
C-10 10" Galvanized Steel Cleat 3# Call for Price!
C-12 12" Galvanized Steel Cleat 4# Call for Price!

These heavy duty ship cleats are the same malleable iron hot dipped galvanized material as our galvanized cleats above, but are much heavier duty, about 2x stronger than a standard galvanized cleat.
C-10M 10" Steel Ship Cleat (use 5/8" hex bolts) 5# Call for Price!
C-12M 12" Steel Ship Cleat (use 5/8" hex bolts) 9# Call for Price!

PrecisionDockSystems.com 1-865-868-0472
Merco offers several types of power posts. Several standard features included on various models including photocell light control, weatherproof doors, hose and cable brackets, heavy duty polycarbonate housing, phone and TV connections, copper bus bar with ratings from 140-500 amps, hinged base for easy install and access, single or dual ball halves and hose bibs for water service, backlit face plates for easy night viewing. Call for the one that is right for you.

Merco Marine™ offers a heavy duty 3" square hot dipped galvanized utility post. It comes complete with 15 AMP GFI outlet, weather proof cover, electric eye, 2 tier louvered light and 20,000 hr. light bulb.

UP-1 Utility Post Ship# 16 **Call for Price!**

---

**ECONOMY SOLAR POWERED LIGHTS**

- **Model #: SL-9SOL**  **Call for Price!**

- **1 Mile Range**
- **2 Mile Range**
- **Measures 5" x 7"**

**Both Models**
- Available in Universal or 1" Pipe Mount
- Waterproof Polycarbonate Housing & Base
- Available in different flash patterns
- Colors available: Red, Green, Amber, Clear, Blue

**Model #: SL-THF**  **Call for Price!**

---

**FLOATING SIGN**

Heavy duty hot dipped galvanized frame, all fasteners, and 2 float drums. Sign measures 4' wide x 32' high. The entire sign floats approximately 48" out of the water and comes with clevis pins for attaching your anchor line. Get lettering done locally. Use plywood or plasticcore for sign.

FS-0 Frame complete  Ship# 120 **Call for Price!**
SIESTA COMPOSITE DECKING

Merco Marine™ carries Duralife Siesta Collection in 12', 16', and 20' lengths in light tan and gray colors. It is 5/4 decking which measures 1" x 5-1/2" and can be screwed down or put down with a hidden clip. It’s made of polypropylene which melts at 320°F.

Weight: 2.2 lbs Per Foot • High Friction Coefficient
UV Stabilization • Wood Grain • Polypropylene

Call for Price!

*Static build-up is a natural occurring phenomenon & could occur with Siesta decking.

NYLODECK

Unlike other deck materials that contain wood or PVC, NyloDeck’s unique composition using recycled carpet fiber make it incredibly durable and eco-friendly.

Call for Pricing

- A proprietary embossing process creates natural looking, unique grains on every board
- Strong, lightweight, easy-to-use
- Impervious to water, mold, mildew and termites
- No rot or swelling
- Stain resistant for easier maintenance
- UV protected
- Strength and rigidity enable joist spans up to 24" O.C.; available in lengths up to 24'
- Best Expansion and Contraction rating of all composites
- Available in Desert Spice (shown) and Newport White

TUF-TREAD

Merco Marine™ is a distributor of Olympic Panel Tuf-Tred a skid-resistant, textured, poly-glass overlaid plywood. The 3/4" x 4' x 8' non void plywood panels have exceptional weather and wear durability superior skid resistance and is waterproof both sides. Color sand.

Image shown is a sample measures 3" x 4"

L-TT 4' x 8' sheet 3/4" Call for Price!

CONCRETE PAVERS

Merco’s concrete pavers are produced from lightweight concrete, 6% - 8% air entrainment, high strength concrete 6,000 psi or greater, with fiber & internal steel mesh reinforcement.

CP22 Ship# 52 2' x 2' x 1-1/2" Call for Price!
CP13 Ship# 39 1' x 3' x 1-1/2" Call for Price!

PrecisionDockSystems.com 1-865-868-0472
TAKE UP REEL
Merco offers several types of hand winches used with cable for deep water moorings or when there is a lot of water fluctuation.

H-TUR Take Up Reel 140#
Truck Only Call for Price!

WINCHES
Merco’s cable take up reel can be used instead of a winch in many cases. Entire unit is hot dipped galvanized. Will house approx. 180’ of 5/8” cable. Comes with 5/8” locking pin that can be locked with padlock. This take up reel is 2’8” tall, base and frame are 1/2” steel.

MW#11 5 Ton Marine Winch Ship# 85 Call for Price!
MW#8 1-1/2 Ton Marine Winch Ship# 35 Call for Price!

MARKER BUOYS
3” SILVER REFLECTIVE BAND
2” ORANGE BAND
3” BLACK LETTERS (2 SIDES)
ORANGE SYMBOL (2 SIDES)
2” ORANGE BAND
URETANNE FOAM
CONCRETE BALLAST
1/2” DIA. GALVANIZED ROD
1” I.D. GALVANIZED EYE

MB-1 Slow 5 MPH
MB-2 Slow No Wake
MB-3 Rock
MB-4 Danger
MB-5 Danger Dam
MB-6 Swim Area
MB-7 Boats Keep Out Ship# 58 Call for Price!

WIDE STEP LADDERS

- 4” wide steps
- 665 lbs. per step
- Marine-grade aluminum

STEEL SAFETY LADDERS
Merco’s galvanized steel ladders are a great way to add a ladder to your dock at a minimal cost. These ladders are great for emergency use. The hot dipped galvanizing on the steel ladder will last in most environments for a long time. The steps are 18-1/2” wide and 4-1/4” deep, 400 lbs per step weight capacity, and are available in 4 - 7 step models standard.

L-4PW 4 Step 30# Call for Price!
L-5PW 5 Step 70# Call for Price!
L-6PW 6 Step 70# Call for Price!

LM-4 4 Step Model 68# Call for Price!
LM-5 5 Step Model 75# Call for Price!
LM-6 6 Step Model 83# Call for Price!
LM-7 7 Step Model 90# Call for Price!
(LM-7 only ships LTL, Not UPS or FedEx)

48 PrecisionDockSystems.com 1-865-868-0472
LADDERS

All of our pipe ladders are constructed using 6063 T5 marine grade aluminum 1-1/4" and 1-1/2" pipe, tig welded for maximum strength. The ladder rung is extruded with grooves to give you a non-skid surface. Ladders can be used for both salt and fresh water applications and can be used for docks or seawalls. More information including ladder measurements available on our web site.

LIFTING LADDER

Our lifting ladder can be raised vertically to clear the water after each use. Out of the water, the treads stay clear of marine growth. The ladder features plastic coated lift cables, welded treads and rails to assure strength and rigidity. 300 lb. capacity - requires mounting bolts.

<table>
<thead>
<tr>
<th>Step</th>
<th>Ship#</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>L-5LL</td>
<td>5</td>
<td>70#</td>
</tr>
</tbody>
</table>

Call for Price!

Merco Marine's ladder was designed for docks, swim floats and float boats. It can be attached to almost anything that has a flat surface. The included quick release hardware allows it to be easily removed when not in use. Why Merco's ladders and not someone else's?

- 250lbs. weight capacity
- Marine grade aluminum construction
- Heavy duty uprights (.060)
- 304 stainless steel fasteners
- Quick disconnect hardware included
- Non-skid steps
- Quick Disconnect Shown below

The L ladders slope away from the dock for ease of climbing. Ladders include the quick disconnect hardware and ship UPS.

<table>
<thead>
<tr>
<th>Ship#</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>L-4</td>
<td>30#</td>
</tr>
<tr>
<td>L-AK</td>
<td>Call for Price!</td>
</tr>
</tbody>
</table>

HEAVY DUTY DOCK LADDER

Our all aluminum welded ladders can be used on seawalls, stationary docks or floating docks. Will give you years of service. 300 lb. capacity. Requires mounting bolts.

<table>
<thead>
<tr>
<th>Step</th>
<th>Ship#</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>L-4P</td>
<td>4</td>
<td>30#</td>
</tr>
<tr>
<td>L-5P</td>
<td>5</td>
<td>70#</td>
</tr>
<tr>
<td>L-6P</td>
<td>6</td>
<td>70#</td>
</tr>
</tbody>
</table>

Call for Price!

FLIP UP LADDER

This heavy duty all welded aluminum ladder flips up and out of the water. It has a stabilizer pin to remain in an upright position. Comes in 4, 5, and 6 steps. Requires mounting bolts.

<table>
<thead>
<tr>
<th>Step</th>
<th>Ship#</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>L-4S</td>
<td>4</td>
<td>30#</td>
</tr>
<tr>
<td>L-5S</td>
<td>5</td>
<td>70#</td>
</tr>
<tr>
<td>L-6S</td>
<td>6</td>
<td>70#</td>
</tr>
</tbody>
</table>

Call for Price!

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DOCK WHEELS

Merco Marine™ heavy duty corner wheel and brackets are made with galvanized steel and 1-1/2" schedule 40 center posts to take lots of punishment. All brackets include a heavy 12" vinyl inflatable wheel and have a special hub for wear. These wheels are great for docking especially when high winds and current make docking difficult. The DW-12HE and the DW-12HLE are designed for use with new construction dock. All other models can be a bolt on accessory to existing dock. The wheel comes standard in white, however black is also available.

Replacement vinyl wheels:

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Ship#</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DW-12W</td>
<td>12&quot; White wheel only</td>
<td>3#</td>
<td>Call for Price!</td>
</tr>
<tr>
<td>DW-12WB</td>
<td>12&quot; Black wheel only</td>
<td>3#</td>
<td>Call for Price!</td>
</tr>
</tbody>
</table>

All brackets below come complete with vinyl wheel, bracket, and assembly components. (does not include fasteners to attach to your dock)

**DW-12WD** 12" Dock Wheel & 1-1/2" Lip for Corner use

Complete Kit  
Ship# 8  
Call for Price!

**DW-12HE** 12" Dock Wheel & Outside Corner End

Complete Kit  
Ship# 12  
Call for Price!

**DW-12HLE** 12" Dock Wheel & Lightweight Outside Corner End

Complete Kit  
Ship# 10  
Call for Price!

PrecisionDockSystems.com  
1-865-868-0472
RUBRAIL

Merco Marine™ has ten rubrail profiles. We designed our P style rubrail with a sloped bottom half. As boats rock up and down they tend to glance off ours instead of tearing it off the dock. That is just the beginning. Our flexible PVC will not crack, rot or deteriorate when exposed to extreme temperatures. It is unaffected by oil, gas or saltwater and has UV inhibitors to prevent yellowing and deterioration from sunlight. Most important, it won’t mark your boat. We even add a fungicide.

RR-5000 - White 10' Length
Ship# 7 Call for Price!

RR-5001 - White 10' Length
Ship# 10 Call for Price!
RR-5001B - Black 10' Length
Ship# Call for Price!
RR-5001G - Gray 10' Length
Ship# Call for Price!

RR-5002 - White 10' Length
Ship# 12 Call for Price!
RR-5002B - Black 10’ Length
Ship# 12 Call for Price!

RR-5005 - White 10' Length
Ship# 11 Call for Price!
RR-5005B - Black 10’ Length
Ship# 11 Call for Price!
RR-5005G - Gray 10’ Length
Ship# 11 Call for Price!

RR-5006 - White 10' Length
Ship# 17 Call for Price!
RR-5006B - Black 10’ Length
Ship# 17 Call for Price!

RR-5007 - White 10’ Length
Ship# 11 Call for Price!
RR-5007B - Black 10’ Length
Ship# 11 Call for Price!
RR-5007S - White 25’ Length
Ship# 26 Call for Price!

RR-5008 - White 10’ Length
Ship# 17 Call for Price!
RR-5008B - Black 10’ Length
Ship# 17 Call for Price!

RR-5009 - White 25’ Length
Ship# 11 Call for Price!
RR-5009B - Black 25’ Length
Ship# 11 Call for Price!

RR-5011 - White 25’ Length
Ship# 14 Call for Price!

RR-5012 - White 10’ Length
Ship# 19 Call for Price!

Stainless Ring Shank
Large head nail
B-RN 1-1/2”
25 per package
Call for Price!
WOOD PILING BUMPERS

Our heavy duty polyethylene piling bumper comes 2 in a box with stainless ring nails to fasten to your wooden pile. 48" length. Blue or White.

- RR-HDPB-B Blue Call for Price!
- RR-HDPB-W White Call for Price!
- (2 per box)

UPRIGHT BUMPERS

Protect your boat with Merco’s heavy duty uprights. They extend 3' above the dock and 2' below. Attach a 2" x 6" and our RR-5007 hot dipped galvanized.

- H-UPW designed for wood dock Ship# 18 Call for Price!
- H-UPT designed for our truss frames Ship# 20 Call for Price!

HIGH IMPACT BUMPERS

Merco Marine’s edge and side protectors are blow molded from high density polyethylene, have excellent cold impact and chemical resistance and are UV protected. Attach with 3/8" lag or carriage bolts (not included). Yellow color.

- RR-426 42" long - 4" top x 6" side Ship# 8 Call for Price!
- RR-7210 72" long - 10" high x 2" thick Ship# 14 Call for Price!

CORNER BUMPER

Merco’s tough marine grade vinyl corner bumpers are structurally designed to allow impact but pliable enough so not to damage your boat. They are available in white, black, and gray and have U.V. and fungicide protection and measure 9-1/2" x 9-1/2" x 3-1/4". They are manufactured using liquid vinyl which is the same natural material used on our dock wheels (page 50).

- RR-DC36W White Ship# 2 Call for Price!
- RR-DC36B Black Ship# 2 Call for Price!

- CB-W Corner Bumper Ship# 3 White Call for Price!
- CB-B Corner Bumper Ship# 3 Black Call for Price!
- CB-G Corner Bumper Ship# 3 Gray Call for Price!
Merco Marine's heavy duty dock can be shipped by truck and easily assembled on site. The system uses 3/16" truss inner frame cross members and angle supports every 4'. 3-1/2" x 12" timbers are used for side stringers. The system is bolted together using 5/8" timber bolts. Doubled 2 x 12 can be substituted for the timber.

**THIS IS OUR STRONGEST DOCK!**

Interior framing is made of 3/16" steel hot dipped galvanized after fabrication. Bolts to side stringers using 5/8" timber bolts.

**FEATURES:**
- Can be built in 2', 3', 4', 5', 6', and 8' widths.
- Lengths up to 50'
- Many decking and accessory options available
- End connectors can be bolted to create "hinge points"
- Glue lam side stringers are 3-1/2" x 12" or substitute double 2" x 12" lumber

**CALL FOR A CUSTOM LAYOUT AND PRICING.**

---

PrecisionDockSystems.com  1-865-868-0472
TRUSS DOCKS

Almost anyone can weld angle together and call it a dock. At Merco Marine™ we have designed a system using 1-1/2" x 1-1/2" x 3/16" angle and 1/2" round bar that make a rigid system. The pre-punched holes make it easy to bolt sections together with 1/2" x 1-1/2" bolts. A punched system on top allows a nailer strip to be bolted to the top frame and decking can then be nailed or screwed to this nailer. All frames are hot dipped galvanized after welding. Frames can be purchased un-galvanized for the do-it-yourselfer that want to paint it themselves. Our frames are 10' in length and 12' high and come in 2'-3'-4'-5'-6'-8' widths. Special custom sizes are also available. Hinges, pile holders and other accessories are available.

1-1/2" x 1-1/2" x 3/16" Angle Truss Frames

<table>
<thead>
<tr>
<th>Ship#</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>TF-210</td>
<td>2' x 10' Truss Frame</td>
</tr>
<tr>
<td>TF-310</td>
<td>3' x 10' Truss Frame</td>
</tr>
<tr>
<td>TF-410</td>
<td>4' x 10' Truss Frame</td>
</tr>
<tr>
<td>TF-510</td>
<td>5' x 10' Truss Frame</td>
</tr>
<tr>
<td>TF-610</td>
<td>6' x 10' Truss Frame</td>
</tr>
<tr>
<td>TF-810</td>
<td>8' x 10' Truss Frame</td>
</tr>
</tbody>
</table>

2" x 2" x 3/16" Truss Frames
Special Order

<table>
<thead>
<tr>
<th>Ship#</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>TF-210-2</td>
<td>2' x 10' Truss Frame</td>
</tr>
<tr>
<td>TF-310-2</td>
<td>3' x 10' Truss Frame</td>
</tr>
<tr>
<td>TF-410-2</td>
<td>4' x 10' Truss Frame</td>
</tr>
<tr>
<td>TF-510-2</td>
<td>5' x 10' Truss Frame</td>
</tr>
<tr>
<td>TF-610-2</td>
<td>6' x 10' Truss Frame</td>
</tr>
<tr>
<td>TF-810-2</td>
<td>8' x 10' Truss Frame</td>
</tr>
</tbody>
</table>

We sell 100's of Truss Frames each year!
Many are Custom – Call one of our sales team to see what suits your needs.

TRUSS FRAME LAYOUTS

These are only a few of the layouts you can do with truss frames. Truss frames are easier to construct dock with. Bolt frames together then add floats and decking. The decking you can buy locally and save shipping costs. Call one of our sales specialists for details.

Merco’s Tapered Truss sections are 3" at the tapered end and 12" at the other end. They are great for ramps and come in both 3’ and 4’ wide x 10’ long.

<table>
<thead>
<tr>
<th>Ship#</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>TF-310T</td>
<td>3' x 10' Tapered Truss Frame</td>
</tr>
<tr>
<td>TF-410T</td>
<td>4' x 10' Tapered Truss Frame</td>
</tr>
</tbody>
</table>

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TRUSS DOCK ACCESSORIES

TF-HM (MALE)

TF-HMD (MALE)

TF-HF (FEMALE)
You can easily hinge truss sections together with our hinge assemblies. Male and female tab plates bolt directly to the truss frames. Use a B-HB3 (3/4” bolt) or B-PIN (connector pin) to connect together.

TF-HFD (FEMALE)
Sometimes you need to attach dock sections together and don’t want them to hinge. Using our double tab plates and 3/4” bolts or B-PIN, sections remain rigid.

<table>
<thead>
<tr>
<th>Ship#</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>TF-HF</td>
<td>Call for Price!</td>
</tr>
<tr>
<td>TF-HM</td>
<td>Call for Price!</td>
</tr>
<tr>
<td>B-PIN</td>
<td>Call for Price!</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ship#</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>TF-HFD</td>
<td>Call for Price!</td>
</tr>
<tr>
<td>TF-HMD</td>
<td>Call for Price!</td>
</tr>
<tr>
<td>B-PIN</td>
<td>Call for Price!</td>
</tr>
</tbody>
</table>

A pipe holder that will bolt directly to the truss side section. Use 2” pipe other sizes available through special order.

TF-P3 Ship# 10 Call for Price!

TRUSS FRAME DECK PLATES
Bolts to any of our standard 12” truss frames. The roller bracket is designed to work with 2-1/2”-3” of lumber on top of the frame. The hoops shown here are the same hoops as page 22.

TF-DP8  Call for Price!
TF-DP10  Call for Price!
TF-DP12  Call for Price!
TF-DP14  Call for Price! H-RA  Call for Price!
TF-DP16  Call for Price! TF-ADAPTER  Call for Price!
TF-DP18  Call for Price!

TRUSS HINGE
Our pipe style piano hinge works great as a replacement hinge for either our truss frame or wood dock hinges. The “pin” is a 1-1/2” SCH 40 pipe. If used on wood dock ramps, the max. length of ramp is 20’.

Lots of sizes and options available for all situations.
TRUSS DOCK ACCESSORIES

FINGER STABILIZER

Merco's truss finger stabilizer is easy to attach and really stiffens up fingers. Made from 11/2" x 11/2" x 3/16" angle, it extends down the finger and dock 30°.

TF-FS Ship# 23 **Call for Price!**

Step by step picture instructions included when you buy truss frames to assemble yourself.

TRUSS PIPE FINGER STABILIZER

Our pipe type finger stabilizer uses 2 - H-SF (Single "T" Female), 2 - H-AP (Attachment Plates) and 1 - H-FSP (4" x 11/2" pipe). Attach with B-PIN or B-HB3.

<table>
<thead>
<tr>
<th>Ship#</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>H-FSP</td>
<td><strong>Call for Price!</strong></td>
</tr>
<tr>
<td>H-AP 2</td>
<td><strong>Call for Price!</strong></td>
</tr>
<tr>
<td>H-SF 2</td>
<td><strong>Call for Price!</strong></td>
</tr>
<tr>
<td>B-PIN</td>
<td><strong>Call for Price!</strong></td>
</tr>
<tr>
<td>H-FSCOM</td>
<td><strong>Call for Price!</strong></td>
</tr>
</tbody>
</table>

TRUSS FRAME HANDRAIL PIPE HOLDER

This pipe holder has a stop in the bottom for 11/2" hand rail uprights. Bolt directly to truss frame side. Use with Hollaender fittings.

TF-PH Ship# 10 **Call for Price!**

TRUSS FRAME 3" PIPE HOLDER

This pipe holder bolts directly to truss frame side and is used with 2" SCH 40 pipe to hold a dock in place. See picture above and to the right.

TF-P3 Ship# 10 **Call for Price!**

TRUSS FRAME INSIDE PIPE HOLDER

Bolt this pipe holder to the inside of a truss frame. Uses 2" pipe.

TF-P320 Ship# 15 **Call for Price!**