MARINE DOCKING & LIFT SOLUTIONS

Family owned and operated for over 40 years

R & J Machine

rjmachine.ca

1-800-461-7638
705-652-6731

PROUDLY CANADIAN MADE IN LAKEFIELD, ONTARIO
DECKING OPTIONS:

All of our docks are available in frame only configuration or with 2’ removable decking panels

PT SIENNA - MicroPro Sienna is wood pressure treated with MicroPro® Micronized Copper Azole. Micronized iron oxide pigments added during pressure treatment give the wood a warm brown colour. We use 2” x 6” PT Sienna for our 2’ decking panels as well as matching Fascia boards. Decking panels weigh between 28 - 56 lbs. each depending on the width of your dock.

WESTERN RED CEDAR - Our Western Red Cedar panels provide you with the traditional wood look. The decking panels come unstained so that you can choose to stain them or let them weather to a natural grey colour. We use 2” x 6” Western Red Cedar for our 2’ decking panels as well as matching Fascia board. Decking panels weigh between 28 - 56 lbs. each depending on the width of your dock.

PVC DECKING - The 1-1/4"PRO deck is an engineered deck board made from 100% PVC and color stabilizers, this premium deck board provides traction when wet or dry and is thermally reflective to keep you cool under foot. Low water absorption properties make it ideal for high humidity marine environments. Comes with matching fascia board. Decking panels weigh between 34 - 69 lbs. each depending on the width of your dock. A variety of colours are available - Mocha, Khaki and Grey. Signature colours Cayenne, Walnut & Hazelnut also available for an additional charge.

* WaveX Series docks use 1-1/4” decking instead of 2” x 6”. Aluminum Decking - 5/4” Aluminum decking is available upon request in 2” panel sections. Please call for details.

WaveX Modular Dock System

R&J’s exclusive side extruded aluminum docking incorporates all the high end features without the associated costs. our WaveX dock was designed as a mid-weight, low profile deck ideally suited for canoes, kayaks, and mid-sized boats.

Our WaveX docks are available in frame only configuration or with 2’ removable decking panels in 1-1/4” PT Sienna, Western Red Cedar or PVC Decking.

Decking panels are available in 5/4 PT Sienna, Western Red Cedar, PVC Decking or optional aluminum decking.

Features included:
- R&J’s decking hold down trim
- Extruded heavy-duty leg holders receivers which accept 2-3/8” OD pipe legs
- Aluminum connecting hinges

WaveX modular docks are available in 10’ lengths and 4’, 6’, and 8’ widths which allow for endless dock configurations.

Ramp Section
Pricing includes:
- Aluminum hold down trim to hold decking panels firmly in place
- Stainless steel hardware
- 1 pair of aluminum hinges
- Frame only weight 90 - 134 lbs. depending on width

Stand Alone Dock Section
Pricing includes:
- Aluminum hold down trim to hold decking panels firmly in place
- Stainless steel hardware
- 2 pair of aluminum hinges (one on each end of frame)
- 4 heavy duty leg collars c/w 5’ dock leg and foot pad
- Frame only weight 112 - 146 lbs. depending on width

Add on Dock Section
Pricing includes:
- Aluminum hold down trim to hold decking panels firmly in place
- Stainless steel hardware
- 2 heavy duty leg collars c/w 5’ dock leg and foot pad
- Frame only weight 96 - 140 lbs. depending on width

Do not allow products to freeze into ice.
ALUMINUM TRUSS PIPE DOCKS

All of our aluminum docks are constructed with 6061T6 marine grade aluminum. Our heavy duty welded aluminum truss design allows us to span up to 16’ between legs.

Our heavy duty corner extrusion, that accommodates 2-3/8” outside diameter pipe leg, features full length welded gussets in all corners and replaceable leg holder bolt assembly.

For more photos - please visit our Photo Gallery at rjmachine.ca

<table>
<thead>
<tr>
<th>WIDTH</th>
<th>4’</th>
<th>6’</th>
<th>8’</th>
</tr>
</thead>
<tbody>
<tr>
<td>12’</td>
<td>137lbs</td>
<td>141lbs</td>
<td>168lbs</td>
</tr>
<tr>
<td>16’</td>
<td>171lbs</td>
<td>190lbs</td>
<td>210lbs</td>
</tr>
<tr>
<td>20’</td>
<td>214lbs</td>
<td>238lbs</td>
<td>263lbs</td>
</tr>
<tr>
<td>24’</td>
<td>243lbs</td>
<td>269lbs</td>
<td>295lbs</td>
</tr>
</tbody>
</table>

Aluminum Framed Ramps

Our Aluminum Truss Pipe Docks are usually accompanied by our Aluminum Framed Ramps to allow easy access to your dock system from shore.

A sales associate would be happy to meet with you on site to help you design the ideal dock system for your shoreline.

WHEEL IN DOCK OPTION

This is an excellent option for someone with fluctuating water levels or for easy removal in the fall. A hand crank enables you to raise or lower the dock easily, whether it is for the purpose of moving your dock out into deeper water or into the shore for winter removal.

The PVC wheels work well on hard gravel or sand bottoms.

Do not allow products to freeze into ice.

For more photos - please visit our Photo Gallery at rjmachine.ca
ALUMINUM TRUSS LIFT UP DOCKS

Over the past 25 years we have developed one of the easiest ways to...

Remove your dock for winter storage!!!

Our lift-up truss pipe docks can operate in water up to 14’ deep, and they can be designed to go straight out from shore, in a “T” shape or “U” shape, or run parallel to shore. The aluminum truss design provides ample strength to allow the entire frame assembly to lift up.

As winter rolls around, simply: Lift off your decking in 2’ sections, hook up the winch cable to the folding gantry, and crank up your dock!

Your lift-up dock is attached to the shoreline by a hinged base plate. The winch assembly can be mounted in your lawn using a removable stand so that it is out of the way for the summer months. The gantry is lowered into the dock frame so that it is hidden from view once the decking has been put back on.

Like our standard truss pipe docks our lift docks accommodates a 2-3/8” O.D. leg and heavy duty side extrusions; additional X-bracing and corner gussets allow us to span up to 48’ in length.

Decking panels are locked in place using easy to remove full length hold down trim strips. This prevents decking panels from coming off in rough water and enables you to remove panels in the fall without getting in the water.

A sales associate would be happy to meet with you on site to discuss the possibility of installing a Lift Up Dock.
ALUMINUM TRUSS LIFT UP STEP DOCKS

Realizing the need for a lift up dock in areas where ice movement can cause damage, we have developed the Lift Up Step Dock. The deck style platform hinges to your land back from the shoreline. This deck goes out from the hinge point 12’ to 16’ then a set of steps takes you to your lower docking area. The entire dock steps; and upper deck area crank up for the winter time. This allows the ice to pile up at your shoreline and reduces the risk of damage to your dock. Lift up step docks are also great for areas with a raised shoreline were access may otherwise be limited.

PRICE INCLUDES:
- Dock | Folding Tower | Lift Cables | Tie Offs
- Automatic Brake Winch | Detachable Winch Stand
- Standard Shore Base Plate | Reinforced corners on dock frame
- Heavy Duty Side Extrusion

A sales associate would be happy to meet with you on site to discuss the possibility of installing a Lift Up Step Dock.

For more photos - please visit our Photo Gallery at rjmachine.ca

Do not allow products to freeze into ice.
Aluminum Truss Floating Docks

Our truss floating docks feature the same heavy duty aluminum truss assembly as our pipe docks and come with the same removable 2’ decking panels. These decking panels are available in Western Red Cedar, PVC Decking or aluminum. These decking panels are held in place by removable aluminum full length trim strips. We use polyethylene floatation billets that are foam filled making them unaffected by rodents, petroleum and mild ice conditions. The docks have billets running full length for added stability. Each floating dock has chain holders for easy anchor chain adjustment. To compliment our floating docks we have a full range of ramps up to 20’ in length, as well as lift up ramps. All of our floating dock hinges feature replaceable Delrin bushings to help eliminate the squeaking associated with normal metal hinges.

Steel Tube Floating Docks

Originally designed for marina application we are now doing a wide variety of layouts using this style of dock for the cottager. Manufactured from 24” steel tubes they are exceptionally stable and work excellent in rough water, or where a large stable dock is required. They can, on most applications, stay in the water year round without the ice damaging them. Available with either; PT Sienna, Western Red Cedar, or PVC decking. These are the ultimate in floating docks.
We do complete marina installations from design build to contract quotes.

We manufacture a complete line of single and double tube floating docks. They offer unparalleled stability and durability in either a residential or commercial marina environment. All of our steel tube floaters are individually designed for your particular application. From a large T shape to a full marina layout we offer a full design build service. For residential usage we do U shaped, T shaped, L shaped or straight-out configurations. In a marina environment we do single and double tube configurations. We have completed projects for the City of Peterborough Municipal Marina, the Village of Lakefield Municipal Marina, the Hastings Municipal Marina as well as numerous privately owned facilities.

If you are building a marina, condominium or residential community, we would welcome the opportunity to give you a quote.
Dock Protection

Premium Bumper Pad
- 3.5" x 2.5" x 1"
- The “P” profile wraps over the top of the dock edge to provide maximum protection for your boat and dock.
- Molded corners, ends and joiners add an almost seamless finish to your dock.
- Non-transfer finish

Please see our website for a complete listing of our Dock bumpers.

Solar Lights

The Marine Grade Solar Deck Lite is an industrial strength solar powered dock light made from anodized aluminum for superior protection in harsh marine environments. Easy hassle free mounting, no wires, no mess, and no electrical cost!

The Dock Post Solar Light is 4X brighter and longer lasting than solar garden lights! The Solar Dock Lite™ is a great way to light up your dock or pier. Lasts 18+ hours on a full charge and is brighter than conventional solar garden lights!

Swim Rafts

- 8’ X 8’ or 10’ x 10’ Aluminum frame with choice of decking
- Foam filled floatation billets
- Anchor chain connector with easy access panel for quick chain adjustments

The Otter Island

A foam-filled deluxe raft, features two adjustable backrests that lay flat and completely integrate with the deck when not in use. Backrests also double as a storage lid that covers the molded-in storage compartments when not in use. The Otter Island also features a pop-up table with beverage holders that are strategically placed between the two backrests. Aluminum ladder is also included.

Cleats

Folding Cleat
- Made from marine grade aluminum.
- Available 6” or 8”
- Available in a white or black powder coated or matte aluminum finish.
- Fold down for safety when not in use.

Galvanized Cleat
- Cast iron, hot dipped galvanized cleat.
- Available in 8” or 10” lengths.

Classic Cleat
- Marine grade aluminum with white powder coated finish
- Available in 6 ½” or 8 ½” lengths.

Mooring Ring
- Steel with white polyester powder coated finish to prevent rusting
- 6” base

Aerators

The de-icer draws warmer denser water from the bottom of the lake and circulates it upward to the surface to prevent ice formation. This is an excellent way to help prevent ice damage to your waterfront or boathouse.

<table>
<thead>
<tr>
<th>Size</th>
<th>Voltage</th>
<th>Amps</th>
<th>Thrust</th>
<th>Cord Length</th>
<th>Typical Open Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>½ HP</td>
<td>120v</td>
<td>5.0</td>
<td>26 lbs.</td>
<td>25’</td>
<td>Up to 50’ dia. circle</td>
</tr>
<tr>
<td>¾ HP</td>
<td>120v</td>
<td>6.7</td>
<td>34 lbs.</td>
<td>25’</td>
<td>Up to 75’ dia. circle</td>
</tr>
</tbody>
</table>

Universal Dock Mount

Portable Thermostat Controller

Time/Temp Control Box

Oscillator

The electric oscillator bracket for summer aerator applications.
DOCK HARDWARE
FOR THE DO-IT-YOURSELFERS

Pipe Dock Hardware
All of our pipe dock hardware is manufactured from 6061T6 aluminum, which eliminates rusting problems. Our corner brackets and side brackets accept 2 3/8” O.D. pipe leg for more rigidity.

A Inside Corner Bracket – 6” x 6” x 5-1/2”
B Side Bracket – 5 ½” x 8”
C Base Pad – 6” x 10”
D Pipe Leg – 2 3/8” od
E Flex Hinge – 5”x 6” sold as a pair with 1¼” x 15” gold anodized pin
F Leg Brace – available 4’, 6’ and 8’ - sold with standard or bolt together leg collars

Floating Dock Hardware
All of our floating hardware is made from heavy duty galvanized steel.

G Outside Male or Female Corner Connecting Hinge - 10” x 10” x 5 ½”
H Male or Female T Connector Hinge – 5 ½” x 5 ½”
I Backer Plate – 5 ¼” x 5 ¼”
J Inside Anchor Chain Corner – 8 ½” x 8 ½” x 5 ½”
  - Offers maximum corner strength when used with an Outside Corner or any Corner Connecting Hinge
K Reinforced Inside Corner – 10” x 10” x 5 ½”
L Inside Corner – 8 ½” x 8 ½” x 5 ½”
  - Is used in lighter duty applications where an outside corner is not necessary.
  - Also used to replace a joist corner.
M Chain Retainer – 5 1/4” x 5 1/4” x 2 1/4”

FLOATATION BILLETS
All of our billets feature rotation molded polyethylene shell with an EPS foam core. The flat surface allows you to easily bolt the floats to most dock frames. Unaffected by rodents, petroleum and most ice conditions.

<table>
<thead>
<tr>
<th>SIZE</th>
<th>CAPACITY</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>24” X 36” X 12”</td>
<td>335 lbs.</td>
<td>32 lbs.</td>
</tr>
<tr>
<td>24” X 48” X 12”</td>
<td>400 lbs.</td>
<td>34 lbs.</td>
</tr>
<tr>
<td>24” X 48” X 16”</td>
<td>540 lbs.</td>
<td>35 lbs.</td>
</tr>
<tr>
<td>24” X 48” X 24”</td>
<td>900 lbs.</td>
<td>50 lbs.</td>
</tr>
<tr>
<td>36” X 48” X 12”</td>
<td>750 lbs.</td>
<td>41 lbs.</td>
</tr>
<tr>
<td>36” X 48” X 18”</td>
<td>1000 lbs.</td>
<td>52 lbs.</td>
</tr>
</tbody>
</table>

Please see our website for a complete listing of our Dock Accessories. rjmachine.ca

ROCKWOOD Flagpoles & Flags
A division of R&J Machine, Rockwood Flagpole manufactures a complete line of quality aluminum flagpoles for your home, cottage or business. We offer both internal and external halyard, as well as nautical poles. Our flagpoles are made from structural grade aluminum and contain cast aluminum and stainless steel components to give you a rust free, high quality flagpole that you can be proud of for years to come. At Rockwood Flagpole we stock a complete line of Canadian, Provincial, International and Novelty flags. Let us give you a quote on having a custom flag made for your business or cottage.

Executive Straight Flagpole:
These poles are designed for those who want a high quality straight flagpole. They are manufactured with 6061/76-grade aluminum and all components are rust free. Our one piece poles are ideal for residential or light commercial applications.

Recommended Flag: 27” X 54” to 36” X 72”, depending on pole height.

Standard Features:
• Available in 16’, 20’ and 24’ lengths
• Spun aluminum finish cast aluminum stationary truck with pulley insert
• 6” cast aluminum cleat
• ¼” solid braid polyester halyard - 2 Brass flag swivel snaps
• 3” or 4” gold spun aluminum top ball
• can be mounted on dock, rock or concrete

Cone Tapered Flagpoles with External or Internal Halyard:
R&J Machine’s tapered flagpoles are manufactured using seamless 6063/T6 polished aluminum tubing. Our cone tapered aluminum poles come with a revolving external truck system, complete with stainless steel ball bearings, that allows your flag to fly freely. These poles have a standard 4” butt diameter with a 3” top diameter and are great for residential or commercial applications. Every tapered flagpole comes complete with a flat plate welded on the bottom that can be mounted directly onto an existing rock or concrete surface.
• Available in 25’, 30’, 35’ & 40’

See our website for complete listing of flagpole sizes and features.
CANTILEVER BOAT LIFTS

We invite you to compare the quality of our cantilever lifts with that of other manufacturers. All of our lifts are manufactured using marine grade 6061T6 aluminum rectangular tubing. By having our own custom extrusions we offer full length adjustable width bunks. These full length EZ adjust bunks provide better hull support than the traditional “V” bunk and are easy to load your boat onto. By using grease fittings and bronze bushings in all of our pulleys we help eliminate seized pulleys. All of our movement points ride on Delrin bushings and all pivot points use stainless steel hardware for a smooth up and down motion. Each lift has four infinitely adjustable leveler legs which make leg adjustment easier than the traditional bolt adjusters. Our lifts are all equipped with either an automatic brake winch and handwheel or an electric winch that is available in 120 volt or 12/24 volt. Our heavy duty design provides you with one of the strongest boat lifts currently manufactured.

Our lifts come fully assembled.

WAKEBOARD/SKI BOAT CANTILEVER BOAT LIFTS

This lift is setup specifically for centre drive boats. The bunks are raised to accommodate your boats prop shaft. Included in the cost of the Wakeboard/Ski Boat Lifts are Full Length Side Guides to enable you to enter and exit the lift effortlessly. Available in 3000, 4000, 5000 and 6000 lb. capacities - with manual, 120 volt or 12/24 volt electric winches. Canopies are also available in a wide range of sizes and colours.

Each lift has four infinitely adjustable leveler legs which make leg adjustment easier than the traditional bolt adjusters.

By using grease fittings and bronze bushings in all of our pulleys we help eliminate seized pulleys.

SHALLOW WATER PONTOON LIFTS

This is the ideal lift for pontoon boats operating in very shallow water. The lift picks the boat up by the stringers. Full length carpeted bunks prevent damage to the side of the pontoon. This lift is available in sizes ranging from 1800 lbs. up to 4000 lbs. The lift comes with a manual brake winch or an optional electric winch.

CANTILEVER BOAT LIFT CAPACITY

<table>
<thead>
<tr>
<th>CAPACITY</th>
<th>MAX BEAM</th>
</tr>
</thead>
<tbody>
<tr>
<td>1200</td>
<td>76”</td>
</tr>
<tr>
<td>1500</td>
<td>80”</td>
</tr>
<tr>
<td>2000</td>
<td>100”</td>
</tr>
<tr>
<td>3000</td>
<td>106”</td>
</tr>
<tr>
<td>4000</td>
<td>110”</td>
</tr>
<tr>
<td>5000</td>
<td>110”</td>
</tr>
<tr>
<td>6000</td>
<td>113”</td>
</tr>
</tbody>
</table>
VERTICAL BOAT LIFTS

Our vertical Boat Lifts are ideal where you have a large water fluctuation on a seasonal basis or in an area where you have large waves. All of our vertical lifts feature full length EZ adjust bunks, easy to adjust leveler legs complete with base pads. A “V” side on all our lifts makes for easy access to your boat from either side. All of our pulleys feature bronze bushings and greaseable axles. This is an excellent lift for pontoon boats. Either an automatic brake winch or optional electric 120 volt or 12/24 volt winch is included with each lift.

Our lifts come fully assembled.

VERTICAL LIFTS FOR PONTOON BOATS

Our Vertical Pontoon Boat Lift comes complete with V Style Bunks to support the pontoons of your boat, and outer bracing allows for maximum beam width on the lift. We also offer an adjustable tritoon support for boats that require one.

Please see our website for more lift specifications at: rjmachine.ca

VERTICAL BOAT LIFT CAPACITY

<table>
<thead>
<tr>
<th>CAPACITY</th>
<th>MAX BEAM</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>102”</td>
</tr>
<tr>
<td>3000</td>
<td>106”</td>
</tr>
<tr>
<td>4000</td>
<td>110”</td>
</tr>
<tr>
<td>5000</td>
<td>114”</td>
</tr>
</tbody>
</table>

HYDRAULIC LIFTS

Our Hydraulic Boat Lifts have incorporated the latest in technology. The hydraulic system will quietly and quickly remove your boat from the water. All pivot points on the bed have bronze bushings and stainless steel lift pins. Our hydraulic cylinders are filled with biodegradable fluid to protect the environment should a seal or hydraulic line ever fail. Our hydraulic rams are specially coated to provide long life in a harsh marine environment. We use special double lip seals to keep water out while keeping the hydraulic fluid in. Our up and down movement is controlled by a push button remote control. Our hydraulic pump and battery unit is contained in an attractive dock box. The entire system runs by a 12 volt battery. A solar panel on the top of the dock helps to keep your battery charged.

Additional Options available include: full length side guides, Float Kit, wheel kit and 115 AC Motor.

Our lifts come fully assembled.

Please see our website for more photos - please visit our Photo Gallery at rjmachine.ca
ALUMINUM ROOF SYSTEMS

Our aluminum truss frame system keeps the rain and ultra violet rays off of your boat. The heavy-duty 18 oz. double vinyl polyester material is mildew and rot resistant and comes with a five year warranty. All seams are heat treated. For an additional charge, special fabric such as Sumbrella can be supplied. All covers are available in black, green, burgundy, tan, orange, white, red, brown, yellow and royal blue.

Our roof systems can be easily adjusted for front or rear positioning as well as for vertical height.

<table>
<thead>
<tr>
<th>SIZES AVAILABLE</th>
<th>9.5’ X 20’</th>
<th>9.5’ X 22’</th>
<th>9.5” X 24’</th>
<th>10’ X 22’</th>
<th>10’ X 24’</th>
<th>10’ X 26’</th>
<th>12’ X 22’</th>
<th>12’ X 24’</th>
<th>12’ X 26’</th>
</tr>
</thead>
</table>

OPTIONS FOR BOAT LIFTS:

ELECTRIC WINCH 120 volt
R&J exclusive - level winding spool to prevent cable damage

LIFT SIZE  H.P.
1800 - 2400 lbs.  1/2
3000 - 4000 lbs.  3/4
5000 - 6000 lbs.  1

12 or 24 Volt Winches
• Complete with Solar Panel and Battery

REMOTE CONTROL
• 120 and 12 Volt Winches

WHEEL KITS
Auto Lift Wheel Kit  (Popular Seller)
• Brackets stay attached to the lift all year
• Attach cable to boatlift bed and as you lower the bed the wheels lower into position

Standard Wheel Kit
• Includes wheel mounting hardware

WINTER LIFT ATTACHMENTS
We can custom manufacture a lift up attachment that will bolt to your boat lift and allow it to hinge from shore and be lifted out of the water for the winter season.

FULL LENGTH SIDE GUIDES
Full length carpeted guides that run parallel to the rub rail of your boat, to allow easier steering onto your lift in windy conditions. Comes as a standard item on our Wakeboard/Ski Boat lifts.

RAISED BUNKS
Full length carpeted bunks that have raised posts to prevent the fins and drive shaft on your ski or wakeboard boat from getting damaged. Comes as a standard item on our Wakeboard/Ski Boat lift.

PONTOON BOAT BUNKS
Full length “V” standard carpeted bunks that can be added to our Vertical Boat Lift to accommodate a pontoon boat. Available for 2 or 3 pontoons.

EXTRUDED PVC BUNKS
Extruded aluminum bunks with PVC padding. A maintenance free option for the traditional carpet wood bunk.

CAT WALK BRACKETS
A set of “L” shape brackets that get bolted onto the side of your boat lift to make it easier to fasten a mooring cover on to your boat, load gear and general maintenance to your boat. Wood is not included

For more photos - please visit our Photo Gallery at rjmachine.ca

Do not allow products to freeze into ice.
PERSONAL WATERCRAFT LIFTS

Our lightweight aluminum watercraft lifts are like no other on the market today. Seeing the need for a more structurally sound lift for today’s larger personal watercraft, we responded by going to a wider dual pivot point system. This lift also operates in shallower water than previous designs. We also relocated the winch to the outside of the lift, making it much easier to reach while standing on a dock. All pivot points ride on Delrin bushings with stainless steel bolts, and all our lifts also feature galvanized cable and heavy-duty pulleys equipped with bronze bushings and grease fittings. Our four easy adjust leveler legs make installation easy. This lift, although designed for all three seater units, will also handle the lighter two seater units.

<table>
<thead>
<tr>
<th>CAPACITY</th>
<th>LIFT HEIGHT</th>
<th>APPROX WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1200 lbs.</td>
<td>3.5’</td>
<td>150 lbs.</td>
</tr>
</tbody>
</table>

Our lifts come fully assembled.

WAVE ARMOUR PWC LIFT

The SLX is constructed of thick and rugged polyethylene, and features a foam filled inner structure utilizing our proprietary foaming process. These stand-alone ports are designed with molded-in mounting pockets in all four corners, allowing for numerous anchoring possibilities. The SLX ports are 12’ 8” long to accommodate any size of personal watercraft. Available in 5’ and 6’ widths.

ALUMINUM ROLLER RAMP SYSTEMS

This is an economical way to get your aluminum boat or PWC out of the water. All of our roller ramps are manufactured from structural grade aluminum. They feature adjustable wobbly rollers with two pair of full float rollers at the rear for easy loading. They are available in 12’, 16’, or 20’ long assemblies. They can be joined together if desired for long sections.

<table>
<thead>
<tr>
<th>LENGTH</th>
<th>CAPACITY</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>12’</td>
<td>600 lbs.</td>
<td>133 lbs.</td>
</tr>
<tr>
<td>16’</td>
<td>1000 lbs.</td>
<td>186 lbs.</td>
</tr>
<tr>
<td>20’</td>
<td>1000 lbs.</td>
<td>233 lbs.</td>
</tr>
</tbody>
</table>

Do not allow products to freeze into ice.

For more photos - please visit our Photo Gallery at rjmachine.ca

Detail of 8” rubber wheel.
**MARINE RAILWAYS**

R&J Machine manufactures the ultimate Marine Railway systems featuring ample strength and support to carry your boat with ease. Our tracks are designed with two truss rods to prevent warping under heavy loads and are attached with 1¾” pins, eliminating rusted nuts and bolts. There are attachment brackets for levelers, when required. All of our bunks are full-length to support your boat in the keel area and fully carpeted to prevent scratches. This method of support also allows for easy alignment when entering the carriage. The wheels are flanged steel casters, designed for marine railway use, with brass bushings, easy to access grease fittings and supported front and back by twin support beams. Guide hooks keep the carriage from becoming derailed when loading during windy conditions. Adjustable guideposts, with scratch resistant material, guide your boat easily and safely onto the carriage. This feature will allow your boat to come within inches of your dock for easy boarding. Manual or electric winches are available. The manual winch has an automatic brake that stops the cable, if your hand should slip off the handle. The electric winch features a fully reversing motor. Remote controls, as well as push-pull winches allow you to get your boat in and out of the water with ease. Our push pull winches were designed for areas needing over 60’ of track with limited grade. Aluminum tracks also available for all models and features the same unique features as our steel tracks, and they come in 6.5’ lengths. Cantilever lift-up tracks are available for installations with up to 40’ of in-water track. All our carriages and steel tracks are galvanized to prolong the life of your railway.

If installing a Marine Railway in a new boathouse give consideration to cementing the tracks in the boathouse floor. We have been doing this for a number of years and the results are far better than laying them on top of the floor.

Before buying a Marine Railway system take a serious look at our system. We have numerous features that put us ahead of the competition.

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**PRICING INCLUDES:**

- Fully adjustable side guides.
- Full length bunks.
- Either 12’ nose cone and two 10’ galvanized tracks, or 12’ nose cone 10’ galvanized track and two 6.5’ aluminum tracks.

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**CAPACITY**  
**BUNK LENGTH**  
**MAX. BEAM**  
**TRACKS AVAILABLE**  
**RECOMMENDED WINCH**

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Bunk Length</th>
<th>Max. Beam</th>
<th>Tracks Available</th>
<th>Recommended Winch</th>
</tr>
</thead>
<tbody>
<tr>
<td>4000 lbs.</td>
<td>12’</td>
<td>9’</td>
<td>- 5’ &amp; 10’ Galvanized Steel - 6 1/2’ Aluminum</td>
<td>1 H.P. electric or 1500 lb. manual automatic brake</td>
</tr>
<tr>
<td>6000 lbs.</td>
<td>14’</td>
<td>10’</td>
<td>- 5’ &amp; 10’ Galvanized Steel - 6 1/2’ Aluminum</td>
<td>1 1/2 H.P. electric or 2500 lb. manual automatic brake</td>
</tr>
<tr>
<td>8000 lbs.</td>
<td>16’</td>
<td>12’</td>
<td>- 5’ &amp; 10’ Galvanized Steel - 6 1/2’ Aluminum</td>
<td>2 H.P. electric</td>
</tr>
<tr>
<td>10000 lbs.</td>
<td>16’</td>
<td>12’</td>
<td>- 5’ &amp; 10’ Galvanized Steel - 6 1/2’ Aluminum</td>
<td>2 - 3 H.P. electric</td>
</tr>
<tr>
<td>12000 lbs.</td>
<td>16’</td>
<td>12’</td>
<td>- 5’ &amp; 10’ Galvanized Steel - 6 1/2’ Aluminum</td>
<td>2 - 3 H.P. electric</td>
</tr>
</tbody>
</table>

* Custom carriages and bunks available upon request

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For more photos - please visit our Photo Gallery at [rjmachine.ca](http://rjmachine.ca)

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CANADIAN MADE IN LAKEFIELD, ONTARIO
ACCESSORIES AVAILABLE:
- Raised bunks for ski, wakeboard boats.
- Galvanized levelers – to support your tracks if coming over a wall or steep drop off.
- Galvanized and stainless cable.
- Push-pull winch set up for very shallow water installations.
- Remote controls and auto stop units.
- Lift-up track assemblies – available for all systems with up to 40’ in water track.
- Cement-in land tracks.

SPECIAL CARRIAGES
We manufacture special carriages for pontoon boats, fixed keel sailboats and centre drive wakeboard boats.

MANUAL AUTOMATIC BRAKE WINCHES
Dutton Lainson - Automatic Brake Winch helps prevent winch free-wheeling when under load.

ELECTRIC WINCHES
Fully enclosed continuous heavy-duty motor and heavy-duty gear reduction unit.
¾, 1 & 1 ½ H.P. – 120 volt or 2 & 5 H.P. – 220 volt

REMOTE CONTROL
Fully enclosed remote unit allows your electric winch to operate from your boat.
WET SLIP LIFTS

We manufacture the most unique overhead lift systems available. We use a cross shaft system that goes across the slip for more headroom. Individual cable spools direct the cable to a fully galvanized cradle. This cradle features full length bunks, and double crossers front and rear, for better support. All of our pulleys feature bronze bushings with greaseable axle shafts. All of our overheads use oil bath gearboxes and fully reversing motors. We can attach our system to your existing beams or we can supply a complete lift system including all necessary beams and posts. Remote controls and autostop limit switches are also available.

For more photos - please visit our Photo Gallery at rjmachine.ca

Canadian made in Lakefield, Ontario
Hidden Beam Wet Slip Lifts

A unique boat lift design uses hydraulic power that is hidden under the decking to lift boats ranging in size from 2000 - 10,000 lb. quietly and faster than conventional Wet Slip lifts. Synchronized cylinders lift the cradle with the push of a button by remote control. The hydraulic power pack is an AC Unit which includes limit switches to ensure both sides are kept level. Also, in some cases a decked platform can also be added to cover the cradle for the ultimate custom lift.

Design and installation of these lifts should be incorporated into initial construction design.
BOAT HOUSES & BOAT PORTS

We are fully equipped to offer complete engineered design build service for all your boathouse and boat port needs. Whether it is a new boathouse or reconstructive framework for your existing boat house, we can handle your needs. We also manufacture a full range of wet-slip lifts for your current boathouse. We have our own barges, rock drills and pile driving equipment that enable us to complete a wide variety of projects. We are equipped with a full auto cad drafting system that coupled with our engineering capacity allows us to offer a one stop service. We can also handle the permitting process if required. Our welders are certified by the Canadian Welding Bureau.
CUSTOM MANUFACTURING

We are fully equipped to handle all of your shoreline projects from permanent docks, in water and on land boathouses, bridges and shoreline restoration of deteriorating concrete and wood timber shorelines. We have completed numerous municipal marina projects. We can provide you with engineered auto cad style drawings of your project that are ready to submit for permit applications. As well as our fully equipped fabrication facility, we have a wide array of construction equipment such as barges, tracked style rock drills, steel pile drivers and also work with a wide variety of contractors that we can recommend for items such as carpentry and electrical work.

Steel Pile Permanent Docks

We offer a wide range of permanent steel framed pile docks from simple shoreline docks that are profiled into the rock to large U shaped docks capable of carrying a boathouse at a later date. Our pilings are either drilled into the lake bottom if it is solid bed rock or driven into the lake bottom if there is a lot of overburden or soft conditions. All of our pilings are filled with non-shrink grout. Since we use pilings instead of cribs there is less contact with the lake bottom and less chance of ice damage. All of our upper steel work is constructed using I beams and C-channel. This framework is then covered with a variety of different types of decking. These docks can easily be designed to handle our new hidden lifts.

Our welders are certified by the Canadian Welding Bureau.

Structural Steel Fabrication

Walking bridges, Stairs and Steel foundations

We can design, fabricate and supply engineering for a wide variety of items such as custom bridges, stairs and steel foundations for cottages or commercial buildings. Our 3-D auto cad design system allows us to take your ideas and turn them into reality. Because of our equipment we are able to fabricate and install on islands as well as mainland sites.
WHO WE ARE

R&J Machine is a family owned, and operated business that has been designing and manufacturing quality waterfront products for over 40 years. Our manufacturing facility in Lakefield, Ontario, produces the ultimate in docks, marine railways and boat lifts, to make your summer relaxing and worry-free. Each shoreline is unique, and we take pride in the ability to serve our customers on an individual basis. From custom design, through manufacturing and installation, our priority is your complete satisfaction and confidence that an R&J product is the best there is. At R&J Machine, our quality workmanship, specialized materials and innovative design make us the superior choice for docks, lifts and marine railways. With an R&J Machine product your valued property will be protected, providing you with years of enjoyment and satisfaction.

WARRANTY

R&J Machine warrants all R&J built equipment purchased new by the original owner to be free from defect in the material and workmanship under normal use for a period of 24 months from the date of purchase (excluding components and options which carry their own manufacturer’s warranty, wherein that warranty will apply). There is no other express warranty. All PVC decking is warranted by the PVC manufacturer and must be returned to them. R&J Machine is not liable for incidental or consequential damages or injuries of any kind due to installation, removal, use, misuse, misapplication or improper selection of one of our purchased or displayed products. R&J Machine agrees to repair or replace only defective parts returned to the factory (prepaid) and deemed defective by R&J Machine. Warranty is void when misuse or neglect if the cause or items have been damaged by ice.

Specifications are subject to change without notice.