

## HYDRAULIC BOAT HOISTS

MARINE



SUMMIT



RAISE YOUR BOAT...

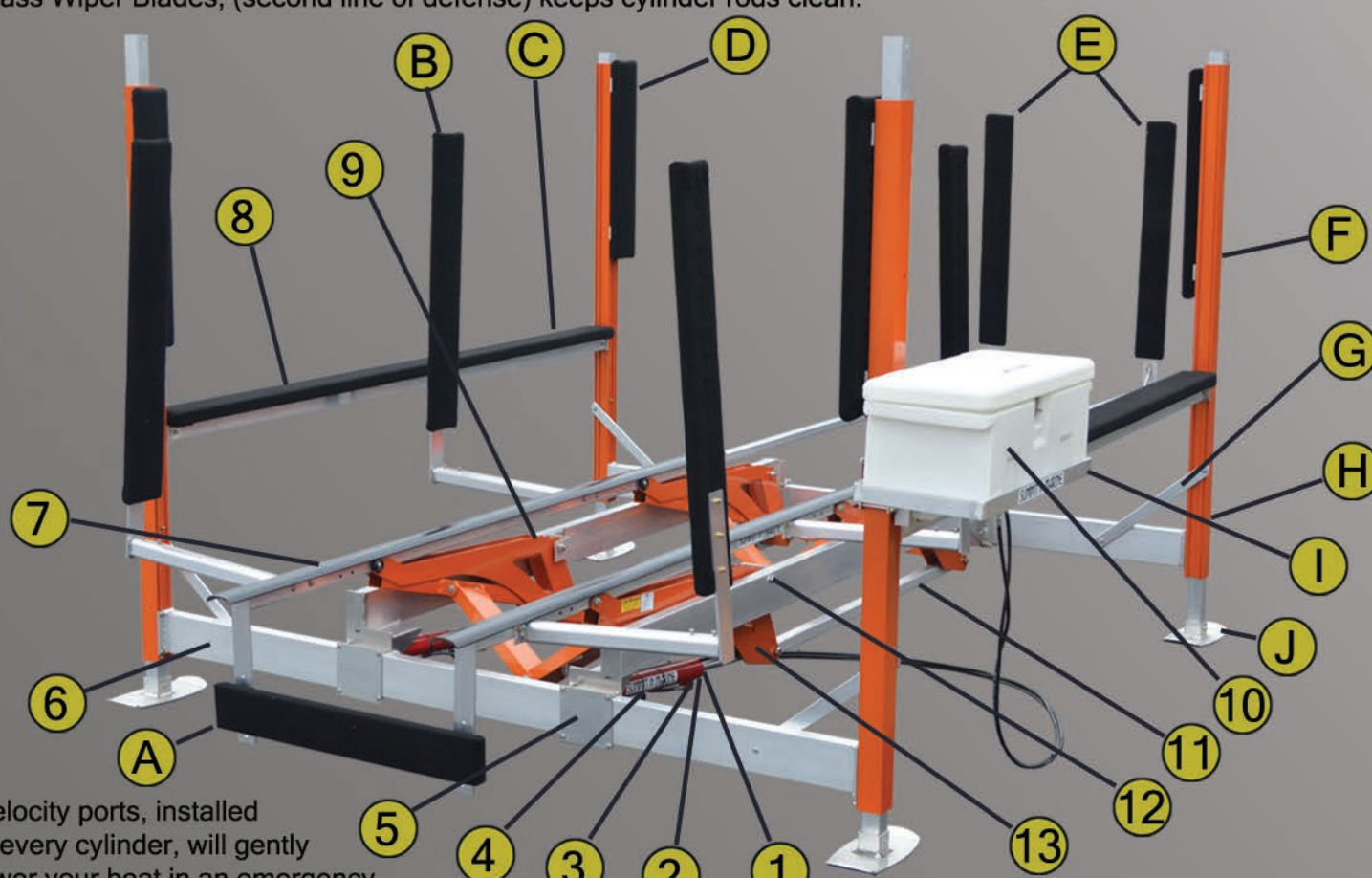
...AND YOUR STANDARDS



## Features

SUMMIT MARINE inc.

1. Patented retract cylinder design keeps our rods clean because the shafts travel inside the cylinder tubes as the lift elevates. Clean rods mean longer life for its water approved seals. Larger cylinders allows lower operating pressure, increasing life span of our system. Optional powder coated finish approved for underwater applications. (U.S. patent number 5,890,835).
2. Stainless Steel Rods remain corrosion and rust free.
3. Brass Wiper Blades; (second line of defense) keeps cylinder rods clean.



4. Velocity ports, installed in every cylinder, will gently lower your boat in an emergency.
5. Easy Assembly; Main carriage - Prebuilt, hydraulics are ready to lift. 40 fasteners complete the assembly.
6. 6" Beams - Largest in its class. Marine grade aluminum. 78% stronger than 4.5" beams, while only 23% heavier.
7. Full Length Vinyl Bunk Supports; swivel to best support your boat.
8. Optional Carpeted Step Rails, Vertical Guide Posts, Post Protectors, Motor Stop and Bow Stop have CEDAR 2x6 core, durable all-weather carpet and stainless steel staples complete the process for long life.
9. Oversized Aluminum Bushings are shouldered between side plates, making it stronger than just welding them alone like the competitors do. Zert fittings allow lubrication for long life.
10. Weather Resistant Poly Box stores hydraulic pump and battery. Screw disconnects are keyed for proper reconnection. Valve block is designed by Summit Marine; Biodegradeable oil; Safe 12 volt system.
11. Power Transfer Tube - Transfers power from the hydraulics to all forward hinges. It's '4 wheel drive' for your boat lift, distributing the load evenly to all hinges.
12. Stainless Steel, Aluminum and Brass Hardware - only non corrosive fasteners hold this lift together.
13. Strong, full piece, sandwich style, hinge side plates. Unlike its competitors the lifting force is not dependent on welded tabs. CNC machined plates means accurate hole locations, All adding up to the strongest hinge in its class.

Options Shown: A-Motor Stop, B-Vertical Guides, C-Step Rails, D-Post Protectors, E-Bow Stop, F-84" Posts, G-Gussets, H-Powdercoat Paint, I-Dock Box Holder, J-Foot Pads 12x12, 24x24, 48x48  
Standard: 21" Posts, White Poly Box, Corded Remote Switch, Quick Disconnects, Vinyl Swivel Bunks, 4' Adj. Legs, Foot Pads-8x12..

## HYDRAULIC HOIST SPECS



Model	HL44114	HL60120	HL80120	HL120132	HL4440 Pontoon	HL20114 PWC	48144 Dock
Capacity #	4,400	6,000	8,000	12,000	4,400	2 @ 1,000 each	68#Frame 75#Deck
Frame Weight #	295	350	450	600	325	320	
Cylinder Qty / Size "	2 / 2.5	2 / 2.75	2 / 3.0	4 / 3.0	2 / 2.50	2 / 2.50	
Frame Length "	120	144	168	192	192	96	120
Beam Width Inside "	114	120	120	132	114	114	48
Lift Height "	40	40	40	40	40	40	Premier Vinyl Flow Thru Decking
Leg Length "	48	48	48	48	48	48	
Hull Support "	120	144	168	192	192	84	
Power Source (not included)	12V DC	12V DC	2/12V DC	2/12V DC	12V DC	12V DC	Very easy assembly. Frame is 2x6" F wall commercial grade alum.
Supply Hoses	16'	16'	16'	20'	16'		
Min. Water Depth, app*	18+1/2 hull draw	18+1/2 hull draw	18+1/2 hull draw	18+1/2 hull draw	18+1/2 hull draw	18+1/2 hull draw	

### Lift System

12 volt, patented retract lift design has the stainless steel cylinder shaft closing as the lift elevates. Summit-designed manifold block has a 4 way relay with seal-tight pilot ball check valves. Velocity ported safety cylinders. Biodegradable fluid. 2" x 6" beam construction using Marine Grade 6005T5 aluminum. Stainless steel, brass, and aluminum fasteners. Working pressure reduced to 1,700psi due to oversized cylinders to prolong pump and cylinder life. Screw disconnects - standard on all models. Swivel bunk support system. High impact polymer pump box. Hinges are constructed of tubular aluminum and sandwiched between thick 1/4" one piece, CNC cut, side plates, our hinges are not only strong, but very accurate - we're the only major lift company building them this way. Zert fittings in high stress pivot points. Fast assembly with only 40 fasteners. Bunks retract under power, allowing for easy removal using flotation. High strength-to-weight design lends itself to claim the lightest weight lifts in their class. 10 year parts warranty, lifetime frame warranty.

### Options

Canopy 22/24/26/28/30/32/34  
Frame Extensions  
Step Rails - Carpeted  
Centering Guides - Carpeted  
Deep Water Bracing  
Dock Box Holder  
Keyless Remote  
Leg Uprights 5/6/7/8/9  
Motor Stop  
Bow Stop  
Mud Pads  
Solar Panel  
Painted Frame  
Wheel Kit  
High Wind Tie Down

SUMMIT MARINE inc.



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DEFY GRAVITY...

...AND SPACE



offered thru

SUMMIT MARINE inc.  
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Specifications

