

FOCUS ON  
**MARINE**



Differentiate Through Customization

[www.techline.linak.com](http://www.techline.linak.com)

# THE FABULOUS LIFE OF THE BOAT OWNER

YOU BUY IT... BECAUSE YOU CAN! AND IF YOU'RE BUYING IT, YOU WANT IT TO BE LUXURIOUS. YOU WANT A CAPTAIN'S CHAIR ADJUSTED TO FIT YOU, A TV THAT LIFTS OUT OR FLIPS DOWN FROM A CABINET, BEDS THAT ALIGN TO YOUR FAVORITE SLEEPING POSITION, TABLES THAT RAISE AND LOWER, SEATS THAT RECLINE, AND YOU WANT ALL OF THESE THINGS TO HAPPEN AT THE TOUCH OF A BUTTON.



When your customer steps onto their floating palace they expect lavish living, custom comfort and incredible indulgences. You want to offer a level of customization that will set your boat apart from all others. LINAK can help you in your quest for perfecting shipbuilding.



***Peruse our Focus on Marine booklet to see how you can differentiate through customization.***

# BELLS & WHISTLES

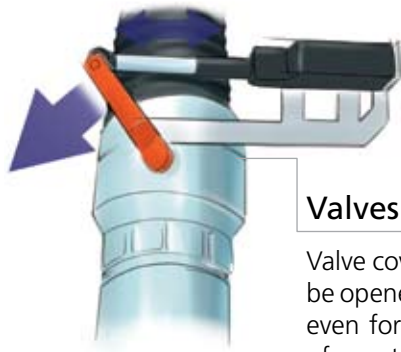
Differentiate and stand out in a crowded sea of vessels.



From bass boats to sail boats to mega yachts, regardless of your boat type, LINAK can help add the bells and whistles you desire through an offering of actuators, columns, control boxes, control pendants and other accessories.

# HOW LINAK ACTUATORS CAN WORK FOR YOU

For marine applications LINAK® actuators offer a wide range of use from indoor to outdoor. Easily operate exterior applications such as ladders, ventilation systems, bimini tops, storage access doors; anything that requires an extension or retraction adjustment. Actuators even make it easy to perform regular maintenance for your watercraft. **Check out some other application ideas here.**



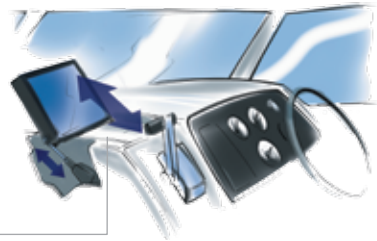
## Valves

Valve covers can easily be opened and closed, even for those chores of emptying the tank of a toilet.



## Monitors

The controls are even more user-friendly when you can fold, extend or retract displays.



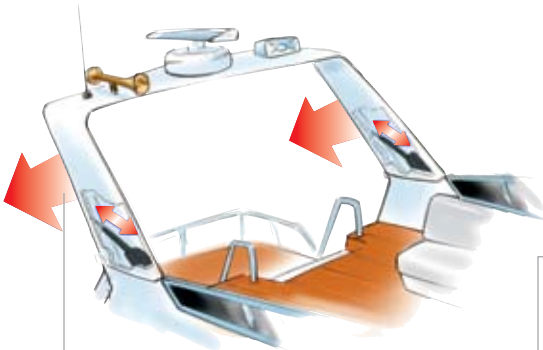
**LIFT** **TILT** **PUSH** **PULL**



**Hatch Lifts**

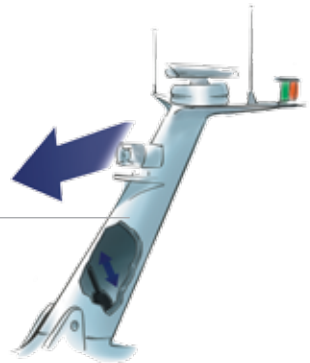


Whether you want to gain entry to the engine compartment or simply open or close a storage hatch, we have an actuator for the job.

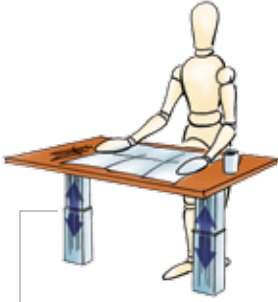


**Radar Masts & Braces**

Collapse and raise masts and braces easily by use of a built-in actuator.



# DIVERSIFY BY OFFERING POSH ON-BOARD COMFORTS



## Tables

Elevate a coffee table to the ideal dining height or extend a countertop to increase workspace.

### LC2



## Guidance and lift in one package

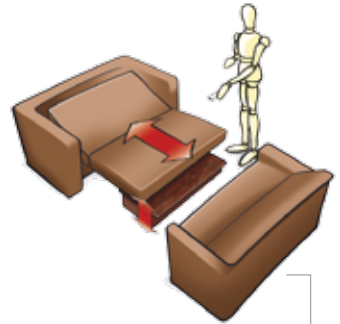
- Built-in limit switches
- Bending movement (1033 ft-lb)
- Indoor use
- Speeds: 0.16-0.87 in/sec
- Strokes: 3.94-19.69 in
- Thrust: 1124 lb (max)

### TWINDRIVE



## High rotation angle

- Most compact profile with lowest built-in dimensions
- Torque: 207 ft-lb
- Speed: 0.58 Rpm
- Rotation angle:  $77^\circ \pm 3^\circ$  (foot and headrest)
- Low noise level



## Seat Lounger

Take comfort to the next level with a relaxing seat lounge, which conforms to your body by reclining or extending; make it premium by adding massage.



LINAK electric actuator systems  
provide movement for marine applications.

For interior applications, LINAK offers these columns, legs and rotary actuators.

## Smooth, quiet height adjustability



- Three-part, in-line column with integrated motor
- Speed: 1.69 in/sec
- Stroke: 26.57 in
- Thrust: 180 lb (max)

**DL4**

## TV Lifts

Using a control pendant, elevate your television to just the right viewing height.



## Stand-alone stability

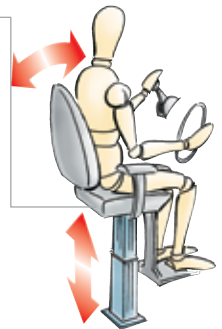


- Built-in limit switches
- Indoor use
- Speed: 1.97 in/sec
- Stroke: 19.69 in
- Thrust: 224.8 lb (max)
- Voltage: 12 or 24 V DC

**DL2**

## Captain's Chair

At the helm you need to see everything around you. Start by having a captain's seat that raises, lowers, reclines and even moves you closer to or further away from the controls.



# MARINE GRADE ACTUATORS

Achieve the highest level of customization with our actuators.

## COMPACT



LA12

- Ignition protection certified
- Built-in limit switches
- Indoor and outdoor use
- Cost effective alternative to pneumatic and gear motor
- Speeds: 0.20-1.97 in/sec
- Strokes: 1.57-5.11 in
- Thrust: 169 lb (max.)
- Voltage: 12 and 24 V DC

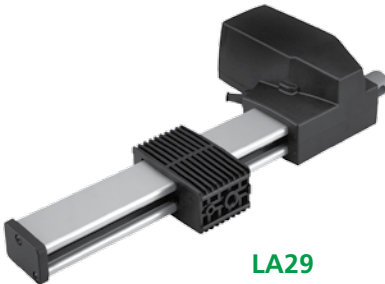
## POWERFUL



LA28

- Indoor and outdoor use
- Speeds: 0.12-1.81 in/sec
- Strokes: 1.97-23.62 in
- Thrust: 787 lb (max)
- Voltage: 12 and 24 V DC

## RELIABLE



LA29

- Flexible, metal back fixture
- Built-in limit switches
- Speed: 1.18 in/sec (max)
- Strokes: 3.94-11.81 in
- Thrust: 1349 lb (max)
- Voltage: 24 V DC





LINAK electric actuator systems  
provide movement for marine applications.

We provide efficient and durable products that reassure your needs will be met.

## RUGGED



**LA30**

- For harsh environments
- Indoor and outdoor use
- Speeds: 0.18-2.56 in/sec
- Strokes: 1.97-15.7 in
- Thrust: 1349 lb (max)
- Voltage: 12, 24 and 36 V DC

## VERSATILE



**LA31**

- Ignition protection certified
- Indoor and outdoor use
- Built-in limit switches
- Speeds: 0.18-2.56 in/sec
- Strokes: 1.97-15.7 in
- Thrust: 1349 lb (max)
- Voltage: 12 and 24 V DC
- Optional mounting brackets

## DURABLE



**LA36**

- Indoor and outdoor use
- Ignition protection certified
- Salt-spray tested
- High pressure cleaner proof
- Speeds: 0.47-2.68 in/sec
- Strokes: 3.94-39.37 in
- Thrust: 1528 lb (max)
- Voltage: 12, 24 and 36 V DC

# PRODUCT TESTING

Our products undergo thorough climatic, electrical and mechanical testing.

Testing for resistance to both dust and water



## CLIMATIC TESTING:

- Extreme Temperatures
- Rapid Temperature Changes
- Salt Spray
- Chemicals



## ELECTRICAL TESTING:

- Power Supply
- Power & Signal Cables
- Control Signals
- Electrical Immunity



## MECHANICAL TESTING:

- Vibration
- Shock
- Bump



# MAKE A MOVE IN THE RIGHT DIRECTION



It has never been easier to give your customers the customization they crave. Enhance your marine applications by making them electric. Use a LINAK<sup>®</sup> actuator for current manual operations or even to replace gas spring and some hydraulic. Whatever your need, LINAK can help you differentiate through customization.



**For fail proof security and luxury fit for a king or queen,  
make sure your applications are LINAK powered.**



Differentiate Through Customization

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