



# EXCEPTIONAL TRIM TAB SYSTEMS. UNMATCHED RELIABILITY

Hydraulic & electric systems for boats across the spectrum

BENNETT  MARINE



# Benefits you c **Reliability you**

For over half a century, boaters have enjoyed the tangible benefits of Bennett Marine's exceptionally durable and dependable marine products.

We're proud to say that boaters trust our brand. After all, we invented the world's first adjustable trim tab—and we've never stopped pushing forward, always striving to make better, more affordable systems with maximum performance. Experience the benefits—get Bennett on board and enjoy the ride!

**Reduce bow rise, plane faster, correct listing.**

**BENNETT**  **MARINE**



# an feel can trust

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## Lenco-to-BOLT Conversion Kit

CONTROLS & TABS SOLD SEPARATELY



This kit includes everything necessary for a cost-effective, quick, and easy upgrade from Lenco actuators to Bennett's exceptionally durable and dependable actuators. Bennett electric actuators are built to last, backed by a lifetime limited warranty.

- Works with Lenco "Standard Mount," "Standard Performance," and "Edge Mount" systems
- Plug-and-play connection to your existing standard Lenco controls (Determine compatibility at [BennettTrimTabs.com/Lenco-to-Bolt](http://BennettTrimTabs.com/Lenco-to-Bolt))
- Simply replace the Lenco actuators with Bennett BOLT actuators using the existing drill holes
- No new holes to drill. Keep your existing trim tabs

PN #	DESCRIPTION
BOLTLCON	Lenco-to-BOLT Upgrade Kit (Controls & tabs not included)

## Hydraulic-to-BOLT Conversion Kit

CONTROLS & TABS SOLD SEPARATELY



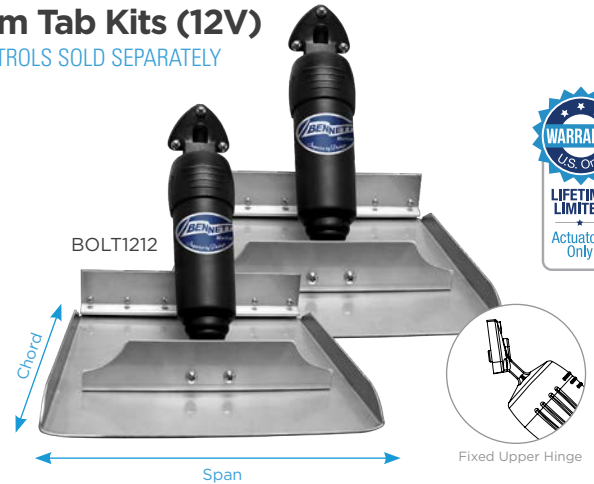
All you need for a quick and easy conversion from Bennett hydraulic actuators to Bennett BOLT electric actuators. BOLT actuators are exceptionally durable and dependable, backed by a lifetime limited warranty.

- Quick and easy conversion from standard Bennett hydraulic single actuator systems (A1101A & A1101ARC), using your existing wiring, rocker switch, and trim tabs
- No rewiring or drilling of new holes required
- Plug-and-play connection to your existing standard Bennett Rocker Switch (ES2000 and LS3000)
- Includes auto tab retraction and diagnostics relay module

PN #	DESCRIPTION
HYDBOLTCON	Hydraulic-to-BOLT Conversion Kit
BOLTBLT	BOLT Kit with Fixed Upper Hinges (Relay Module not included)
BOLTBLTADJ	BOLT Kit with Adjustable Upper Hinges (Relay Module not included)

## BOLT Electric Trim Tab Kits (12V)

CONTROLS SOLD SEPARATELY



Balance loads, plane faster, increase efficiency and performance with Bennett BOLT Electric Trim Tab systems, built to outlast any electric trim tab system on the market.

### Kits Include:

- (2) 12-volt fixed upper hinge actuators with 6-ft. wire harnesses and waterproof connectors (BEA2000)
- (2) Stainless steel trim planes (tabs) and mounting plates
- (2) 20-ft. wire harnesses with waterproof connectors (BAW2020)

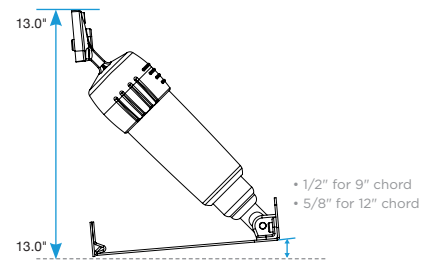
PN#	SPAN/CHORD	*TAB	RETAIL BOX
BOLT124	12"x4"	(P)	✓
BOLT129	12"x9"	(T)	✓
BOLT189	18"x9"	(T)	
BOLT249	24"x9"	(T)	
BOLT1212	12"x12"	(R)	✓
BOLT1812	18"x12"	(R)	
BOLT2412	24"x12"	(R)	

\* BOLTBLT Tabs not included

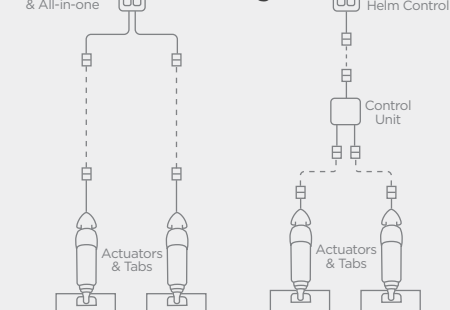
\* BOLTBLT Sets include the same items, less tabs

### Features Include:

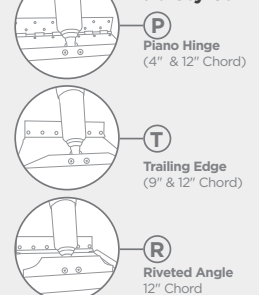
- Completely sealed upper hinge with no exposed wires



### Basic Diagrams

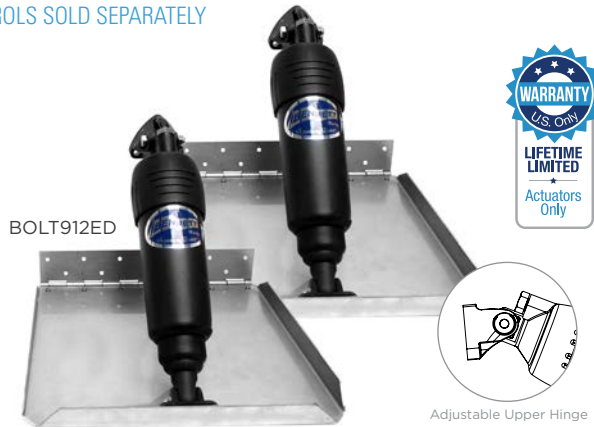


### Tab Styles\*



## BOLT Electric - Edge Mount Limited Space Trim Tab Kits (12V)

CONTROLS SOLD SEPARATELY



Designed with an adjustable upper hinge for transoms with limited vertical space. Tabs turn up for added strength and feature piano-hinged backing plates.

### Kits Include:

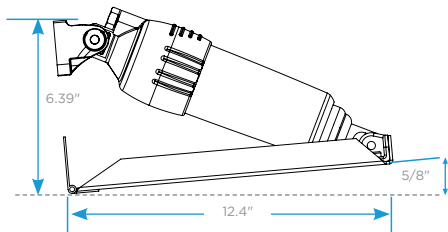
- (2) 12-volt adjustable upper hinge actuators with 6-ft. cables and waterproof connectors (BEA3000)
- (2) Stainless steel trim planes (tabs) and mounting plates
- (2) 20-ft. wire harnesses with waterproof connectors (BAW2020)

PN#	SPAN/CHORD	*TAB	RETAIL BOX
BOLT612ED	6"x12"	(P)	✓
BOLT912ED	9"x12"	(P)	✓
BOLT1212ED	12"x12"	(P)	✓

\* BOLTBLTADJ Tabs not included  
 \* BOLTBLTADJ Sets include the same items, less tabs

### Features Include:

- Requires less than 6.5" of vertical transom space to install



## BOLT 12×16 Heavy Duty Trim Tab System

CONTROLS SOLD SEPARATELY



Designed for rougher conditions and higher speeds with extremely durable 12-gauge, electro-polished stainless steel, featuring a full-profile backing plate, and up-fins for added strength.

### Kits Include:

- (2) 12-volt adjustable upper hinge actuators with 6-ft. wire harnesses and waterproof connectors (BEA3000)
- (2) 12" span x 16 chord" heavy-duty tapered electro-polished trim tabs
- (2) 20-ft. wire harnesses with waterproof connectors (BAW2020)

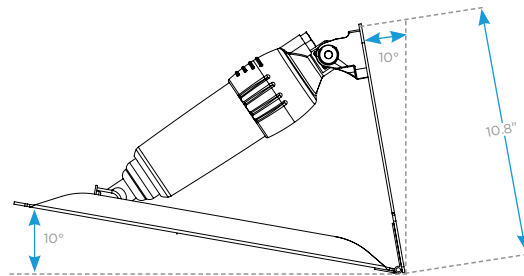
PN#	SPAN/CHORD	*TAB	RETAIL BOX
BOLT1216HD	12"x16"	(P)	✓



R4 anodes included to prevent electrolysis damage

### Features Include:

- Requires less than 11" of vertical transom height
- Full-profile 12-gauge backing plate and up-fins for added strength



### Helm Control Options (Sold separately)

See page 8 for detailed control information



**Rocker Control**  
(BRC4000)



**Joystick Control**  
(JOY1000)



**All-in-one Control**  
(OBI9000E)



**AutoTrim Pro**  
(APO00A1BC)







# Hydraulic Standard (Classic) & Sport Trim Tab Kits

## Standard Hydraulic Trim Tab Kits & Sport Limited-Space Kits (M80/M120)



Hydraulic trim tabs are known for power, precision, and durability. Get the most from your boat, no matter what the load, speed, or sea conditions. Using the helm control, you can adjust the tabs individually or in unison to create the perfect cruising attitude. Increase speed and fuel economy, smooth a rough ride, and get on plane faster.

### Kits Include:

- (2) Trim plane assemblies
- (2-4) Hydraulic actuators (A1101A)
- (1) Hydraulic power unit (V351HPU1)
- Hydraulic tubing and hardware
- Optional helm control (See below)

### Features Include:

- Get on plane fast, and stay on plane at intermediate speeds
- Correct listing and uneven loads
- Improve visibility and safety
- Reduce pounding and eliminate porpoising
- Low maintenance, long-term value, and ease of service
- Exclusive transom mount interlocking tab design
- Sport batwing option (M80/M120) provides 30% more lift for limited-space installations
- Bottom and piano hinge mounts are available for custom order

Retail Packaging



## Kits without Control Included

PN#	SPAN/CHORD	*TAB	*ACT.	RETAIL BOX
129	12"x9"	T	✓	✓
189	18"x9"	T	✓	✓
249	24"x9"	T	✓	✓
309	30"x9"	T	✓	
369	36"x9"	T	✓	
429	42"x9"	T	✓	
489	48"x9"	T	✓	
549	54"x9"	T	✓	
1212	12"x12"	R	✓	✓
1812	18"x12"	R	✓	✓
2412	24"x12"	R	✓	
3012	30"x12"	R	✓	
3612	36"x12"	R	✓	
4212	42"x12"	R	✓	
4812	48"x12"	R	✓	
5412	54"x12"	R	✓	
6012	60"x12"	R	✓	
6612	66"x12"	R	✓	
7212	72"x12"	R	✓	

\*Actuators per tab

## Complete Kits with Rocker Control



PN#	SPAN/CHORD	*TAB	*ACT.	RETAIL BOX
M80	8"x10"	S	✓	✓
M120	10"x12"	S	✓	✓
129E	12"x9"	T	✓	✓
189E	18"x9"	T	✓	✓
249E	24"x9"	T	✓	✓
309E	30"x9"	T	✓	
369E	36"x9"	T	✓	
429E	42"x9"	T	✓	
489E	48"x9"	T	✓	
549E	54"x9"	T	✓	
1212E	12"x12"	R	✓	✓
1812E	18"x12"	R	✓	✓
2412E	24"x12"	R	✓	
3012E	30"x12"	R	✓	
3612E	36"x12"	R	✓	
4212E	42"x12"	R	✓	
4812E	48"x12"	R	✓	
5412E	54"x12"	R	✓	
6012E	60"x12"	R	✓	
6612E	66"x12"	R	✓	
7212E	72"x12"	R	✓	

\*Actuators per tab

## Complete Kits with All-in-one Control



PN#	SPAN/CHORD	*TAB	*ACT.	RETAIL BOX
M800BI	8"x10"	S	✓	✓
M1200BI	10"x12"	S	✓	✓
1290BI	12"x9"	T	✓	✓
1890BI	18"x9"	T	✓	✓
2490BI	24"x9"	T	✓	✓
12120BI	12"x12"	R	✓	✓
18120BI	18"x12"	R	✓	✓
24120BI	24"x12"	R	✓	

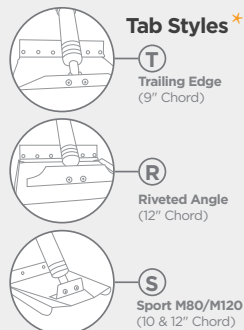
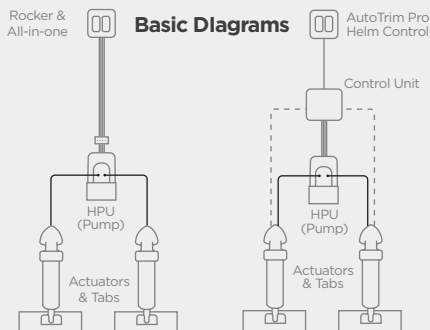
\*Actuators per tab

## Complete Kits with AutoTrim Pro



PN#	SPAN/CHORD	*TAB	*ACT.	RETAIL BOX
M80ATP	8"x10"	S	✓	✓
M120ATP	10"x12"	S	✓	✓
129ATP	12"x9"	T	✓	✓
189ATP	18"x9"	T	✓	✓
249ATP	24"x9"	T	✓	✓
1212ATP	12"x12"	R	✓	✓
1812ATP	18"x12"	R	✓	✓
2412ATP	24"x12"	R	✓	

\*Actuators per tab



## Helm Control Options



See page 8 for detailed information and more set retrofit options.

## Performance Electro-polished Trim Tab Kits



**WARRANTY**  
U.S. Only

Actuators  
**LIFETIME**

Pump  
**5 YEARS**

Controls  
**3 YEARS**

Enjoy the electro-polished finish of Performance Tabs. Manufactured with heavy-gauge reinforced stainless steel and powerful hydraulic actuators. Performance Tabs combine strength, durability, and good looks to achieve your boat's maximum potential.

**Features Include:**

- Get on plane fast and stay on plane at intermediate speeds
- Correct listing and uneven loads
- Reduce pounding and eliminate porpoising
- Improve visibility and safety
- Low maintenance with long-term value

**Kits Include:**

- (1) Control unit (Rocker, EIC, or ATP)  
(See page 8-9)
- (2) Trim plane assemblies
- (2-4) Hydraulic actuators
- (1) Hydraulic power unit (V351HPU1)
- Hydraulic tubing and hardware



Retail Packaging

### Complete Kits With AutoTrim Pro

PN#	SPAN/CHORD	*TAB	*ACT.	RETAIL BOX
ST9ATP	12"x9"	(T)	☑	☑
ST12ATP	12"x12"	(R)	☑	☑
ST16ATP	12"x16"	(R)	☑	☑

\*Actuators per tab

### Complete Kits with Rocker

PN#	SPAN/CHORD	*TAB	*ACT.	RETAIL BOX
ST9	12"x9"	(T)	☑	☑
ST12	12"x12"	(R)	☑	☑
ST16	12"x16"	(R)	☑	☑

\*Actuators per tab

### Complete Kits with All-in-one Control

PN#	SPAN/CHORD	*TAB	*ACT.	RETAIL BOX
ST90BI	12"x9"	(T)	☑	☑
ST120BI	12"x12"	(R)	☑	☑
ST160BI	12"x16"	(R)	☑	☑

\*Actuators per tab

## Self-Leveling Tabs (SLT)

SPRING-LOADED



**WARRANTY**  
U.S. Only

LIFETIME LIMITED  
Actuators Only

A simple, durable, and affordable trimming solution for smaller boats. Quick and easy installation with nothing to do inside the boat—just mount the actuators and trim tabs on the transom and enjoy the benefits.

**Kits Include:**

- (2) 14-gauge stainless steel tabs with Bennett's exclusive interlocking hinge
- (2) Strong, durable, spring-loaded actuators
- All stainless steel hardware

**Features Include:**

- Three mounting options to easily change lift
- Plane at lower speeds
- Improve fuel efficiency
- Eliminate porpoising and chine walking
- Improve your hole shot
- Reduce engine laboring and improve fuel efficiency



Retail Packaging

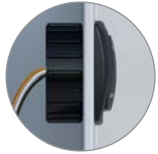
PN#	DESCRIPTION
SLT6	SLT6 - 6"x 8" Spring-loaded Tabs for Small boats up to 16' (60 lb. spring)
SLT10	SLT10 - 10"x10" Spring-loaded Tabs for Small boats 17'-20' (90 lb. spring)

Watch the video  
BennettTrimTabs.com/SLT

## Rocker Switch Control



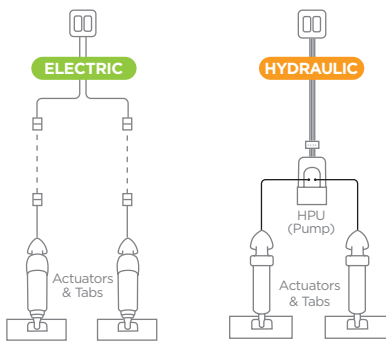
This is a direct replacement from previous generation Rocker Switch Controls (ES2000 Hydraulic) and (BRC4000 Electric).



New single lock nut design

The newly redesigned Rocker Switch Control is a sleek yet economical helm control available for both hydraulic and electric systems that provides a positive click action for precise tab adjustment.

### Basic System Diagram



### Features Include:

- Easy-to-install single lock nut design
- Compatible with other trim tab system brands



PN#	DESCRIPTION
ES2000	<b>H</b> Rocker Switch for Hydraulic Systems
BRC4000	<b>E</b> Rocker Switch for Electric Systems

## All-in-one Indicator Control



An attractive and user-friendly, stand-alone helm control without the need for an external control unit. The functionality and “brains” of the control unit are engineered directly into a single, space-saving, and simple-to-install keypad.

### Included:

- (1) Helm Control w/3-ft. cable and waterproof cables
- **Included with hydraulic only**
- (2) Upper Hinge Screw-on Sensors

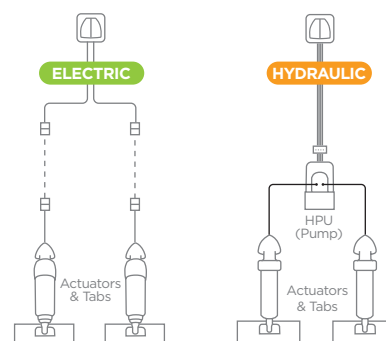


Retail Packaging

### Features Include:

- Convenient “All Up” and “All Down” buttons
- Trim tab position LEDs always show you where your tabs are
- Auto tab retraction (tabs retract up when the ignition is powered off)
- Easy-to-install single lock nut design
- Compatible with other trim tab system brands
- Easily upgrade from hydraulic systems without tab position indication

### Basic System Diagram



## NMEA2000 Indication Kit **HYDRAULIC ONLY**

See the position of your trim tabs on your NMEA2000-compatible multi-function display or gauge, GPS/chartplotter, or sonar.

### Kits Include:

- (1) White plastic clip (ATC9)
- (6) Red butt connectors (THB6)
- (1) NMEA1 sensor (EP30)
- (2) Upper hinges with coil (CC3003S and CC3003P)
- (2) Sensor rods



Retail Packaging

Controls not included

PN#	DESCRIPTION
NMEA2000	<b>H</b> NMEA2000 Indication Kit for Hydraulic Systems

PN#	DESCRIPTION
OBI9000H	<b>H</b> All-in-one Indicator Control for Hydraulic Systems
OBI9000E	<b>E</b> All-in-one Indicator Control for Electric Systems



## AutoTrim Pro Automatic Control



*Put Your Trim Tabs on Autopilot*



AutoTrim Pro is an all-in-one auto trim tab control system designed for boats of all sizes—packing a boatload of essential features into an easy-to-use, space-saving keypad. Reduce bow rise, improve visibility, correct listing—automatically.

### Kits Include:

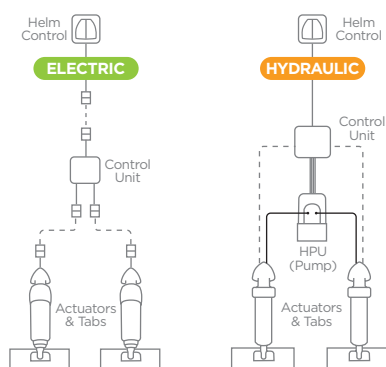
- (1) ATP helm display w/3-ft. cable (ATPDISP)
- (1) ATP control unit w/3-ft. cable (ATPHYDCTRL or ATPBOLTCTRL)
- (1) 25' extension cable (BHW40)
- Required hardware



### Features Include:

- Compatible with Bennett hydraulic or electric trim tab systems and most non-Bennett trim tab systems
- Auto trim tab control with favorite buttons
- Take manual control of your trim tabs at any time
- Trim tab position indication with adjustable L.E.D.s
- Auto tab retraction when ignition is powered off

### Basic System Diagram



PN#	DESCRIPTION
AP000A1HA	<b>H</b> AutoTrim Pro for Hydraulic Systems
AP000A1BC	<b>E</b> AutoTrim Pro for Electric Systems

## Joystick Helm Control ELECTRIC ONLY



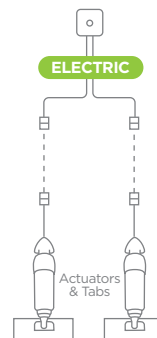
Charles Bennett originally introduced adjustable trim tabs with joystick controls inspired by aircraft ailerons and controls. The joystick helm control acclaimed for its instinctive and intuitive interface is back—with a sleek redesign!

### Features Include:

- Easily trim your vessel like a boss!
- Instinctive and intuitive feel and operation
- Connects directly to your actuators with plug-and-play connectors
- Auto tab retraction (tabs retract up when the ignition is powered off)
- Compatible with other trim tab system brands



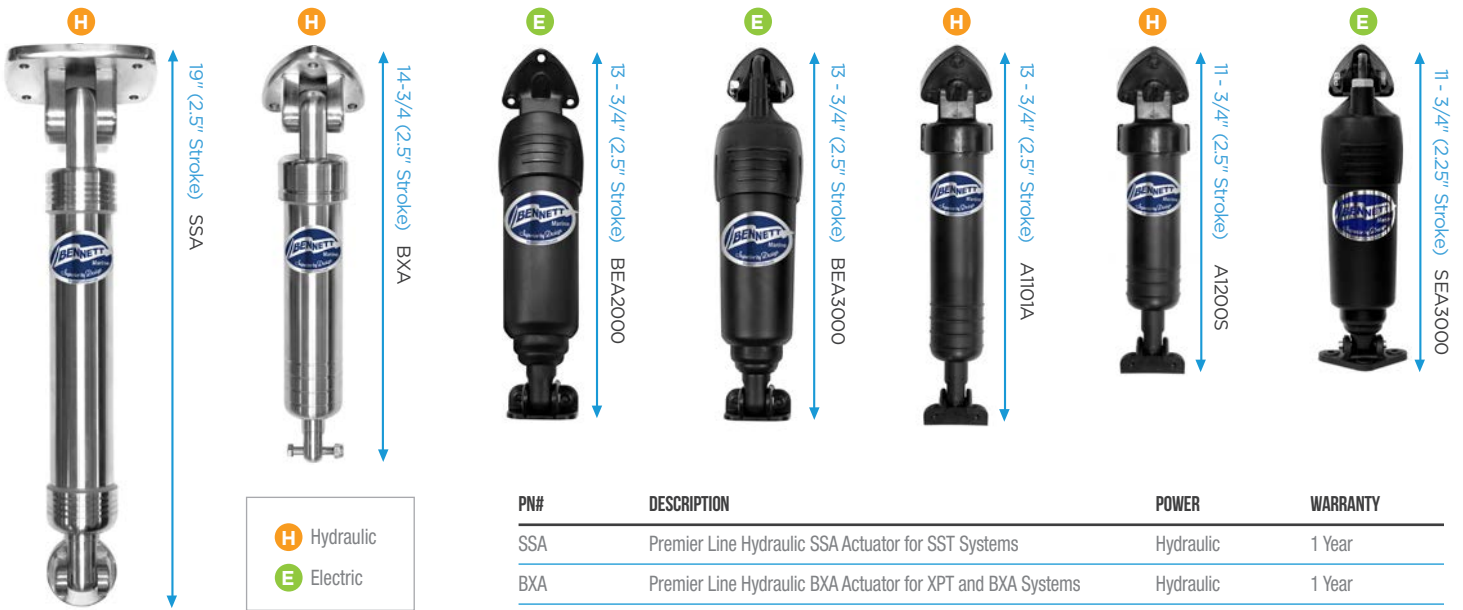
### Basic System Diagram



PN#	DESCRIPTION
JOY1000	<b>E</b> Joystick Helm Control for Electric Systems



# Actuators & Trim Plane Assemblies



PN#	DESCRIPTION	POWER	WARRANTY
SSA	Premier Line Hydraulic SSA Actuator for SST Systems	Hydraulic	1 Year
BXA	Premier Line Hydraulic BXA Actuator for XPT and BXA Systems	Hydraulic	1 Year
BEA2000	BOLT Electric Actuator with Fixed Upper Hinge	Electric	Lifetime Limited
BEA3000	BOLT Electric Actuator with Adjustable Upper Hinge	Electric	Lifetime Limited
A1101A	Standard Length Hydraulic Actuator	Hydraulic	Lifetime Limited
A1200S	Short Hydraulic Actuator	Hydraulic	Lifetime Limited
SEA3000	Short Electric Actuator	Electric	Lifetime Limited

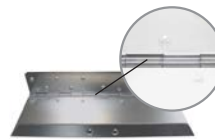
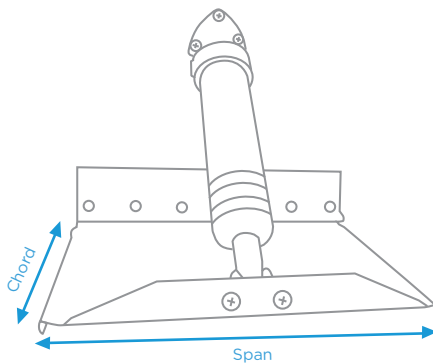
## Actuators

Bennett actuators are built to last, maintenance-free, and backed by Bennett's legendary support.

**Actuator variations not shown:** A1101EX (With external line), A1101CP (Actuator with 30' sensor wire for TPI or NMEA), A1101CPEIC (Actuator with 10' sensor wire for EIC), SLT actuators

## Trim Plane Assemblies

Bennett Marine's durable and dependable trim planes are made of high quality 12 or 14-gauge 304 stainless steel. Each trim plane assembly (for one side of the boat) includes a trim plane, hinge plate, and backing plate.



### Performance

PN#	SPAN/CHORD
TPAST9	12"x9"
TPAST12	12"x12"
TPAST16P	12"x16"
TPAST16S	12"x16"

### Piano Hinge

PN#	SPAN/CHORD
TPA124	12"x4"
TPA912ED	9"x12"
TPA1212ED	12"x12"

### Riveted Angle

PN#	SPAN/CHORD
TPA1212	12"x12"
TPA1812	18"x12"
TPA2412	24"x12"
TPA3012	30"x12"
TPA3612	36"x12"
TPA4212	42"x12"
TPA4812	48"x12"
TPA5412	54"x12"
TPA6012	60"x12"
TPA6612	66"x12"
TPA7212	72"x12"

### Trailing Edge

PN#	SPAN/CHORD
TPA129	12"x9"
TPA189	18"x9"
TPA249	24"x9"
TPA309	30"x9"
TPA369	36"x9"
TPA429	42"x9"
TPA489	48"x9"
TPA549	54"x9"



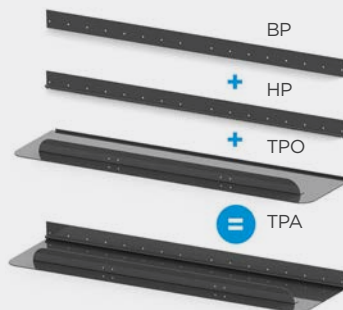
### Sport Tabs (M80/M120)

PN#	SPAN/CHORD
TPAM80	8"x10"
TPAM120	10"x12"

## Assembly Components

Trim Plane Assemblies (TPA) consist of 3 main components, which can all be ordered separately. When ordering separately, simply swap "TPA" with the acronyms below. For example: HPI2 is a 12" Hinge Plate Only.

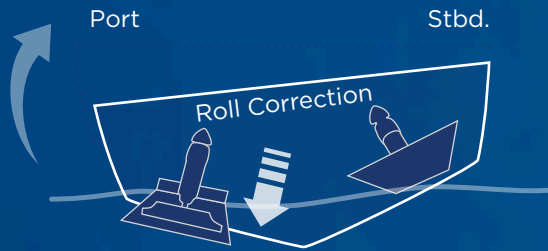
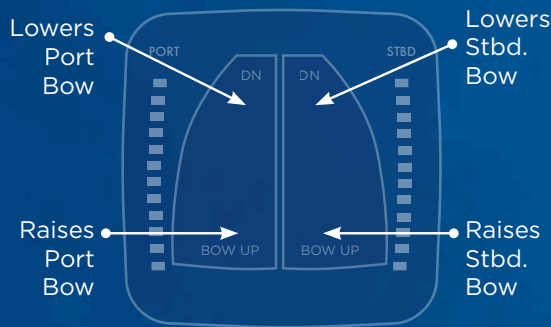
- **BP** - Backing Plate Only
- **HP** - Hinge Plate Only
- **TPO** - Trim Plane Only



# A BETTER

Properly sized trim tabs improve the performance of your boat by adjusting the running angle of your vessel. Bennett Marine trim tabs help you get on plane faster, correct listing to one side, improve visibility, and increase your fuel efficiency.

- Get up on plane quickly, and plane at lower speeds
- Increase performance and fuel efficiency
- Increase visibility
- Adjust the boat's attitude for changes in speed, sea conditions, and shifting weight
- Correct listing on either side of the boat



When the port tab is lowered independently, an upward force at the port stern of the boat is created. The inverse applies when lowering the starboard tab independently.



## The Undisputed Leader

In 1960, Charles Bennett invented the first adjustable trim tab system. Since then, we've continued to push forward and have introduced a myriad of industry-changing innovations, like auto tab control, trim tab position indication, and NMEA2000 integration.



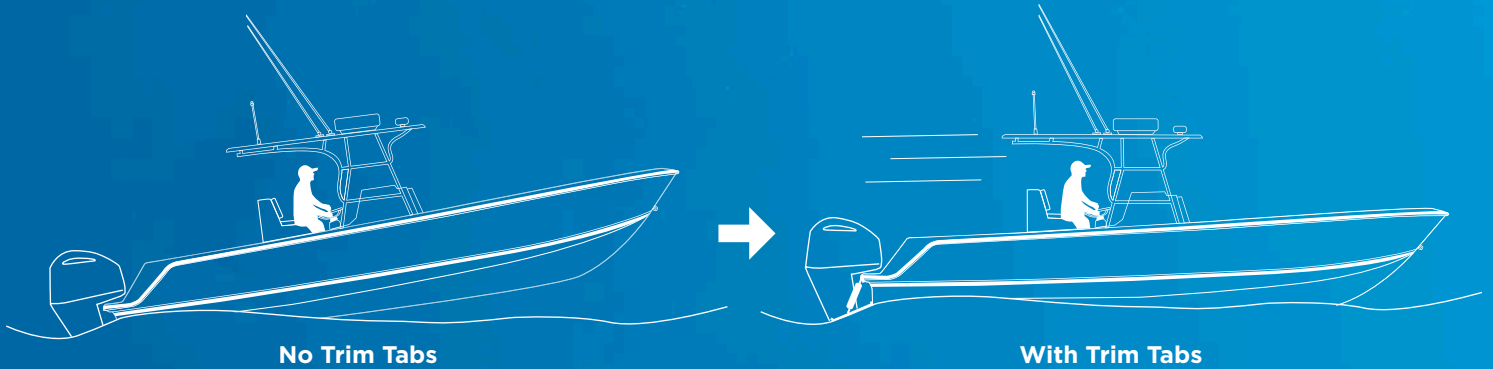


# RIDE



Learn more at  
[BennettTrimTabs.com/Guide](https://BennettTrimTabs.com/Guide)

- Key features & benefits
- Sizing guidelines
- System comparison
- Install tips, and more



## How Trim Tabs Work

When the tabs are deployed downward, the water force on the trim tab surface creates upward pressure, raising the stern and lowering the bow. The port trim tab lowers the starboard bow, and the starboard trim tab lowers the port bow. The control is intuitively wired so that all you have to do is press the button in the direction you want the bow to move.



We've worked with the best boat builders and enthusiasts in the world to create a host of exceptional products, and we back them with the best warranty in the industry. Bennett Marine is also the only manufacturer that offers both electric and hydraulic trim tab systems.







# ENJOY THE RIDE

Benefits you can feel. Quality you can trust.