



# ZIPWAKE DYNAMIC TRIM CONTROL FEATURES

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## FAST, AUTOMATIC AND AFFORDABLE

- Zipwake system has a genuine modular and robust design with less moving gears and a totally different and specially sealed submersible servo actuator.
- Zipwake servo motor is universal for 12 - 32 volt.
- Zipwake servo motor do not have components that can cause premature failure due to wear, that is commutator brushes and potentiometer feedback.
- Zipwake has a reliable electronic design providing sufficient and exact positioning of the blades, in 1/3 mm steps. That means a lot when it comes to exact adjustments of the boat, particularly its roll control.
- Zipwakes system makes a blade stroke in 1.5 seconds.
- Zipwake design provides an efficient protection against marine growth due to a tight design that does not allow ambient light entering into the system, and importantly it is easy to open the interceptor units and pressure wash their insides after being in water for extended periods of time.
- Zipwake currently have 4 different sizes of straight interceptors (300, 450, 600 and 750 mm) and 4 V-shaped interceptors (450 mm) cover deadrise angles effectively between 11 to 24 degrees.
- Zipwake have 1 common power distribution unit for up to 3 pairs of interceptors.
- Zipwake cover a wide range of boats by allowing 3 pairs of interceptors and any combination of the interceptors in the wider range of interceptor models.
- Zipwake is a fully automatic and active trim control system as standard.
- Zipwake offer 2 alternatives for cable trough transom mount. Either above waterline or concealed behind the interceptor, simply by routing the servo cable differently.
- Zipwake have an all-inclusive and logical control panel with color display and innovative 3D controls.
- Zipwake systems come complete with all above options as standard packed in a box including very educational installation instruction (more pictures rather than a lot of text), Operator's manual and practical drill templates.

- Zipwake power distribution unit has a built-in 10 amp fuse as standard.
- Zipwake have built-in GPS sensor in each control panel.
- Zipwake have built-in Gyro and Accelerometer in each control panel..
- Zipwake have state-of-the-art sensor fusion and motion control algorithms.

## A COMPLETE PACKAGE

The Zipwake Dynamic Trim Control System comes complete with everything you need, including all necessary parts and software for active motion control. This at a reasonable price due to mass production and use of micro components developed for the the marine and automotive industries.

## MOTION CONTROL FEATURES

Mode	Motion	Feature description	Standard	Future
Automatic	Roll	Active roll control	•	
		Advanced turn recognition	•	
		Coordinated turns	•	
		Easy sensitivity control	•	
	Pitch	Curve-based pitch control	•	
		Pitch-offset control with quick save	•	
		Easy manipulation of pitch control curve	•	
		Basic pitch control curve from boat dimensions	•	
Yaw	Auxilliary steering, controllable by other onboard system		•	
Manual	Roll	List control	•	
		Speed-progressive control wheel	•	
	Pitch	Trim control	•	
		Speed-progressive control wheel	•	
	Yaw	Steering control (calm sea or emergency steering)	•	
		Speed-progressive control wheel	•	

For details refer to the Operator's Manual.