



Aquadrive Systems for Passenger and Commercial Vessels

Aquadrive Systems can improve any boat with any engine up to 1600 HP or more.

Vibration generates noise. The Aquadrive System reduces engine and transmission vibration so effectively that the noise level decreases. Engines can use super soft engine mounts because there are no precise alignment requirements. The motors can float freely while the Aquadrive CV joints transmit the power to the Aquadrive thrust bearing.

This thrust bearing is attached to a support plate which is fastened into the hull structure. It is aligned to the propeller shaft instead of the vibrating engine. Reliability is improved because the fixed thrust bearing takes 100% of the thrust and alignment forces. The engine and transmission vibration is now isolated from the hull and from traveling down the propeller shaft. Since misalignment problems no longer exist, damages to the entire drive train are less likely.

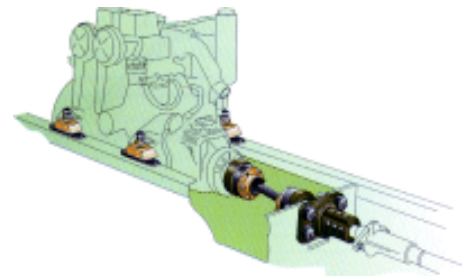
The Aquadrive System will also reduce vibration and noise in vessels with water jets, remote mounted stern drives, gearboxes, and various "pod drives". Aquadrive CV joints improve machinery placements. They operate smoothly regardless of the specific angle on each joint.

U joint driveshafts are restricted to operating ONLY with identical angles on each joint. This severely limits the design and layout arrangements. Cardan or U joints cannot float easily back and forth to absorb vibration. The balls inside Aquadrive CV joints can.

Any boat with any engine will have more vibration and noise, unless there is an Aquadrive System and softer mounts installed. For more than twenty-five years, Aquadrive has made even the best-designed boats smoother, quieter and more reliable.

The Marine Transmission Center, a division of Mack Boring and Parts Company, provides Aquadrive products, application engineering and service.

Visit our website: www.aquadriveusa.com or call 908.964.5656 ext. 1.



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 antivibration system

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