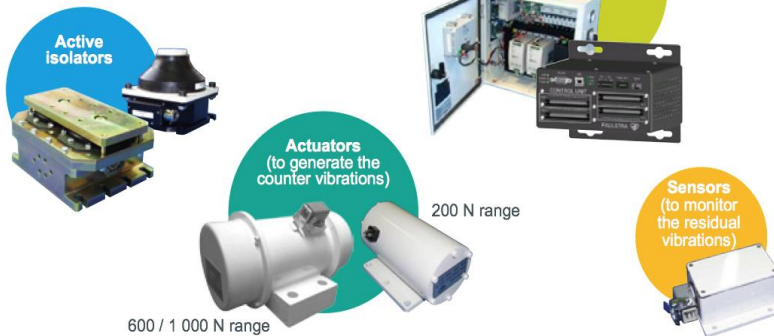


Products

- Actuator ranges : 30 to 1 000 N dynamic force peak ; up to 15 mm stroke
- Controls 20 different frequencies ; 6 degrees of freedom
- Maximum force output over a large frequency range of 10 to 400 Hz
- Powered by high efficiency class D amplifiers
- Designed, tested and manufactured in a dedicated Hutchinson plant
- Can be supplied as upgrade kits or fully integrated solutions
- Our experted team can do on board surveys and custom design



STRACTIVE™

Active Noise and Vibration Control System



Hutchinson Stop-Choc GmbH & Co. KG

Benzstr. 42
71272 Renningen
Germany

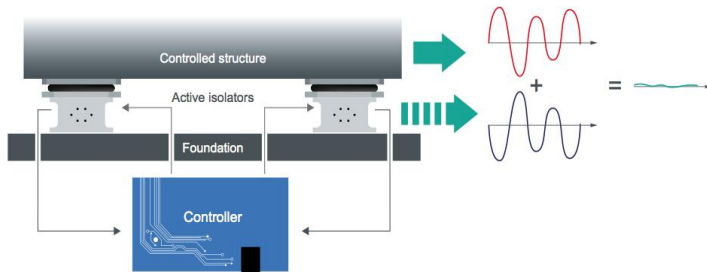
Tel: +49 (0) 7159 9219 0
Email: info@stop-choc.de



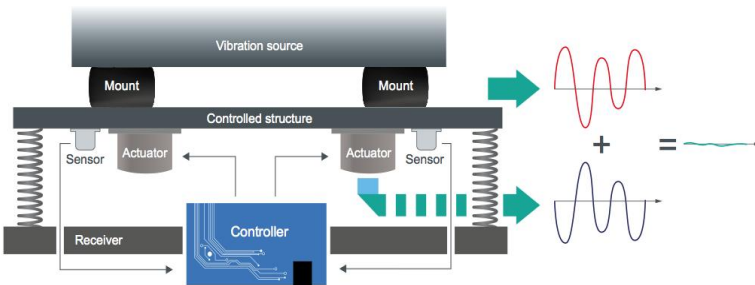
Principle

Our field proven Active Noise and Vibration Controls System (ANVCS) STRACTIVE™ will meet your toughest needs in noise and vibration reduction.

Active isolators cancel the incoming vibration by generating a dynamic force of same magnitude in opposite phase through the use of electrodynamic actuators, thus improving the low frequency performance of the suspension.



Active structure borne noise control is managed by introducing inertia actuators in the transmission paths between the source of noise/vibration and the receiver.

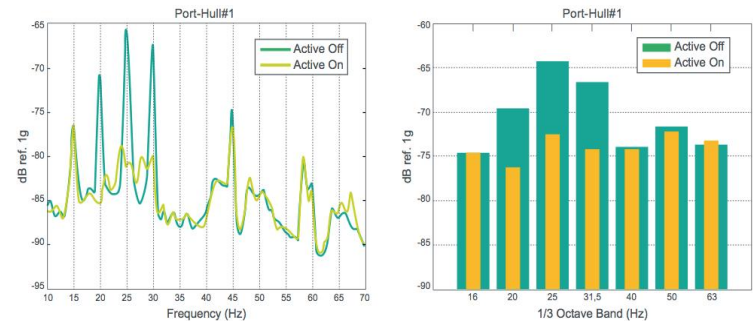


The applications of Stractive™ are endless : reactive silencer, electric motor, transformers, internal combustion engines, structures, pumps, to name a few. It is particularly suited for hybrid and diesel-electric propulsion rafted systems.

Benefits

- Excellent vibration reduction : 12 to 36 dB (on multiple tones)
- Total suppression of the most annoying harmonics
- Space & weight saving
- Provides outstanding passenger comfort and noiseless ride
- Improves the noise and vibration health and safety at work
- Extends crew shift exposure
- Reduces noise pollution impact on marine species ; helps achieving quieter oceans
- Improves the threshold of oceanographic research vessel sonar detection
- Improves stability, alignment, shock sway, creep, ride quality
- Performance upgrade of existing machines with minimum impact (Add-on kit)

STRACTIVE™ is the most decisive solution of the Hutchinson global noise and vibration offer.



Active Vibration Control Test Results

