

The New HARLEY SURFACE DRIVE

- A new class of Surface Drives, the ***“Small Surface Drive”***
- Fully articulating, steers left and right, trims up and down
- The Surface Drive is the most efficient drive system out of all ways to power a boat.
- Superior Fuel Efficiency and Range that is in a class by itself!
- Top Speeds and Cruise speeds second to none!
- All cylinders and articulation inside the boat (on other surface drives this is outside)
- Economical enough (low cost) for practical installation even on 18' boats
- Competes with Outboards, Inboards, Sterndrive Inboard/Outboards, and Jetdrives
- Entire Powertrain (including Surface Drive, Transmission, Bellhousing, Engine, Mounts, shafting, and all) competitive with pricing for the same horsepower in an outboard!
- Most articulating drives for inboard engines have over 1000 moving parts (i.e. Mercruiser stern drive). This articulating drive has less than 20 moving parts!
- Far higher reliability than outboards, and infinitely greater simplicity and reliability than Sterndrives!
- Lighter than an outboard! Including engine, transmission, and surface drive!
- Less than half the OEM price of other articulating surface drives
- Far lighter than other articulating surface drives
- Simpler than any other articulating drive system
- Able to use low cost props, such as outboard props (not requiring expensive surface piercing props like many other surface drives)
- Most boaters prefer inboards, however inboards traditionally were too heavy and too slow, and too inefficient (fuel flow) for a great many boat applications. This drive system fixes all of those problems, and allows the boat owner the joy of an inboard!
- Gets the outboard engine out of the boaters way, and view!
- Harley's Small Surface Drive can sell stand alone, or combined with very lightweight, highly fuel efficient aluminum engines from a leading manufacturer/partner
- In many applications, offers the fuel efficiency of a diesel with other drives!
- Shallower water operation than inboards, outboards, or sterndrives. For many builders of fishing boats today, this is a great sales advantage
- Comes out the back of the boat, rather than under the boat
- When trimmed full up for trailering or shallow water idling, the boater does not see any part of the drive! (Hidden by swim platform)
- Allows the boat builder to have a very exciting, new alternative to outboards! At even less weight and at a similar cost to outboards!
- Package can be at less than half the weight of same horsepower sterndrive packages
- The lighter weight and high fuel efficiency of the drive system package offers a domino effect. Builder can use smaller engine, yet still go faster, requiring less fuel! One advantage multiplies on top of another, causing great gains to the boat owner
- Far less mechanical to go wrong after the warranty period has expired. Compare this to sterndrives, and even more complex four stroke outboards
- Never before has a drive system offered anywhere near this number of exciting advantages over all other competitive drive systems for small to medium size boats!