

ELECTRO HYDRAULIC STEERING FOR OUTBOARDS

HYDRAULIC BOAT STEERING

HyDrive

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12VDC POWER STEERING TO SUIT ANY BRAND OR HORSEPOWER OUTBOARD!

The HyDrive POWERKIT-12 is designed to provide state-of-the-art Electronic-hydraulic power steering to handle large horsepower or multiple outboard engines. Tried and proven for over 3 years in our USA and UK markets on extreme performance boats, we now offer it to Outboard Dealers in Australia to maintain their ability to compete with the very latest in outboard steering technology.

The system can be used to upgrade existing steering, or can be installed as a complete steering unit.

The heart of the package is the microprocessor controlled pump unit which senses loads and delivers pressures up to 1000psi to handle most powerful applications with finger-tip control on the wheel.

The pump unit comes as a package with a single station steering helm unit which delivers 50cc per rev giving very direct steering with a turns ratio on a 210BH outboard steering cylinder of only 3 turns lock to lock.

This is the basic start-up kit:-

POWERKIT-12
Comprising:-
1 x HD12VDC PUMP UNIT
1 X PS50 HELM UNIT

This kit must be added to Steering Cylinders, which are available to suit all types of outboards and engine wells. Models also available for sterndrives and inboards!



Model PS-TILT

TILTING POWER STEERING HELM

HyDrive can now offer probably the only tilting full power steering- helm on the market. This makes it ideal for all types of consoles.

HD12VDC PUMP UNIT



PS 50 Helm unit

OPTIONS

Autopilot solenoid valves with pressure compensated flow controls are available to ensure accurate handling when used with any autopilot such as the COURSEMASTER Cm80i Intelligent pilot which is designed for outboards and does not require a rudder transducer. It can be used with any brand of autopilot.



AUTOPILOT VALVE WITH ADJUSTABLE FLOW CONTROL

When Should I Consider Power Steering Instead of Manual Hydraulic?

HyDrive's impressive range of Manual Hydraulic Outboard Steering is ideal for most applications, but from time to time you will come across applications for this type of Power Steering. Such things as large horsepower boats that require small turns ratio's for little effort, or for people who are arthritic or aged, or simply to match offers by competitors. The system can be installed as a complete unit, or used to upgrade an existing HyDrive manual hydraulic unit. Care must be used however to ensure that the old cylinder is in good condition as the power steering unit outputs 1000psi. Steering lines need to be upgraded to high pressure flexible hoses - and NOT nylon tubing. Ideal for Single or Dual Stations, Single or Dual cylinders and for use with autopilots. The price is also very attractive for full power steering - so what more must we do to get your business?

PROFESSIONAL TOUCH

New Bulkhead or Transom fittings are now available to help complete the installation through any bulkhead, engine well or transom. These attractive and smooth chrome plated brass fittings give a classy finish to any hole required to carry hoses. They act also as saddles to avoid abrasion of hoses as they pass through open holes.



Two part fitting (bulkhead and lock-nut)

Can be used with any 1/4" bsp fittings

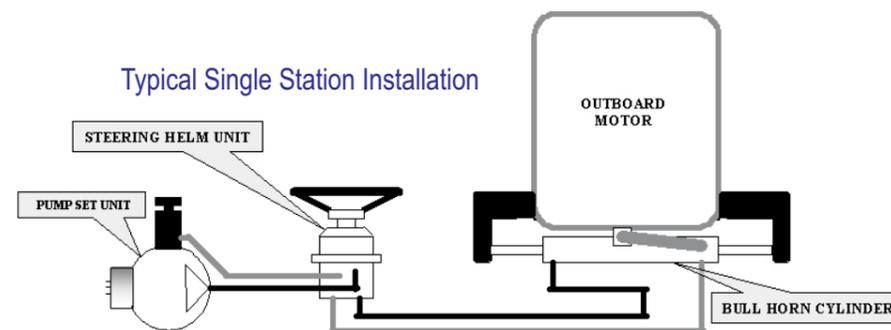
Neat flush dome finish for that touch of class.



Model 210BH

Just one of the more popular outboard steering cylinders. Built from robust stainless steel, bronze and chrome-plated marine brass! Other models are available to suit outboard, sterndrive and inboard steering applications.

Simple Installation?
Full manual backup in case of power failure?
State of the Art Technology which is VERY reliable?
The answer is YES to all of the above!



Typical Single Station Installation

SAFETY

With HyDrive steering equipment, safety always comes first. In case of power failure to the electronic pump unit, the steering helm immediately and automatically converts to a manual hydraulic pump, ensuring that full control is maintained.