



## Make Your Existing Hydro-Dyne Equipment Perform Like New

### When should you consider getting your headworks equipment rebuilt?

After 5, 10, or 15 years of operation in the harsh conditions, your headworks equipment may present degraded performance because of normal wear and tear. Hydro-Dyne Engineering's remanufacturing process will extend the life of your equipment to help your facility deal with growing populations, changes in flow characteristics, and new or stricter regulations.

Whether you are looking to optimize performance or extend the life of your Hydro-Dyne equipment, our remanufacturing process brings your equipment back to "like new" condition for a fraction of the cost of a new unit, retaining value already invested. Other benefits include:



### Extended Equipment Life

Remanufacturing extends the life of your equipment and returns it to top performance while reducing the need for maintenance.

### Lower Operating Costs

Maintaining equipment at peak performance with periodic inspection and preventive maintenance greatly reduces operating expenses.

### Minimized Downtime

Remanufacturing helps you avoid downtime for extensive maintenance and repairs. Plus, the time to rebuild screens is significantly less than manufacturing new screens.

### Built for Performance


Hydro-Dyne's remanufacturing process is performed by certified and experienced technicians ensuring years of quality and performance.

### Extended Warranty

We stand behind our service by extending your equipment warranty by one year on all parts designed and manufactured by Hydro-Dyne.

To learn more visit: [www.hydro-dyne.com](http://www.hydro-dyne.com)  
sales@hydro-dyne.com | +1 (813) 818-0777

Coarse Screens | Fine Screens | Screenings Handling | Grit Removal Equipment

Designed & Manufactured in the USA   
4750 118th Avenue North Clearwater, FL 33762

ISO 9001:2015 Certified

**HYDRO-DYNE**  
ENGINEERING  
*Designed to Protect. Built to Perform.™*



## A No-hassle Process

If your screen starts showing signs of wear or malfunctions, call Hydro-Dyne. We will arrange pick up of your screen to be remanufactured and it will be returned in three to six weeks. Hydro-Dyne's experts will disassemble and clean your current equipment, replace or repair worn parts, replace or rebuild the motor and gearbox, and manufacture replacement parts where needed. Washing compactors and screw conveyors are also remanufactured using the same strict standards.

Once the remanufacturing process is complete, we then test each screen for a minimum of 24 hours to ensure proper alignment and performance. We take great pride in our remanufacturing efficiency, as it allows us ample time to make final adjustments while the screen is being tested.



## Seven-Step Process:

### STEP 1: Evaluation

Upon arrival at our facility your screen will undergo an initial inspection to verify equipment and condition of screen.

### STEP 2: Disassembly and cleaning

We completely disassemble and thoroughly clean the screen. A parts tumbler is used to remove solids build-up and an acid wash is used to finish elements.

### STEP 3: Manufacture of replacement parts

Once replacement part quantities and dimensions are known, our machinists begin manufacturing axles, spacers and other parts.

### STEP 4: Replace tracks and repair frame

All tracks are carefully checked for wear and cut out for replacement.

### STEP 5: Replacement or refurbishment of motor and gear box

While complete replacement of the motor and gearbox is an option, we refurbish original equipment if we find them to be in good working order.

### STEP 6: Reassembly of grid and drive

After the grid is laced, the drive sprockets are aligned, inserted and the side panel is attached.

### STEP 7: Factory Acceptance Testing

Our extensive testing and fine tuning dramatically reduces on-site downtime.

## Why Hydro-Dyne?

Since 1978, Hydro-Dyne has been manufacturing quality water and wastewater screens, screenings handling, and grit removal equipment. We perform all equipment design, fabrication, and assembly in our 110,000-square-foot facility in Clearwater, Florida.

Hydro-Dyne's certified technicians have the experience and qualifications to remanufacture your screens to their original performance specifications using original OEM-guaranteed parts.

Only Hydro-Dyne Engineering can ensure your screen is returned to top operating condition quickly, cost-effectively, and to the original factory specification.



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