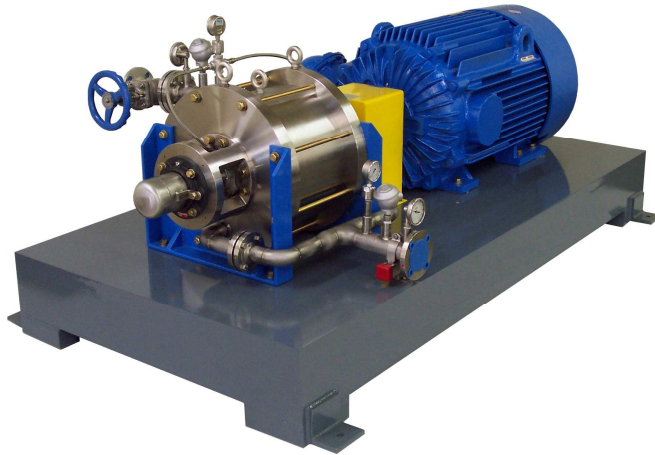


# Hydro Dynamics, Inc.

Harnessing the Power of Cavitation



## The ShockWave Power™ Reactor



### Ethanol Yield Enhancement Technology

Partnered with

**Phibro**  
Ethanol Performance Group

The need to reduce feedstock costs and increase production efficiencies has created a demand for proven, reliable yield enhancement technologies. Installation of the patented ShockWave Power™ Reactor (SPR) has been shown to **liberate additional starches that are converted into ethanol.**

Commercial trials have demonstrated that the use of the SPR can result in significantly higher ethanol yields, which represents immediate savings to ethanol producers.



The ShockWave Power™ Reactor is manufactured by Hydro Dynamics, Inc., a world leader in process intensification and biofuel technology. The SPR is an easy retrofit for existing process lines and can handle flows of up to 2000 GPM with a single continuous device. With over 400 million gallons per year of reactor capacity sold to the biofuel industry, the ShockWave Power™ Reactor is setting a new standard for biofuel production.

[www.hydrodynamics.com](http://www.hydrodynamics.com)

# The Benefits

- Yield Increase: Potential Annual Savings of \$1.5-3.0 Million for a Typical Plant
- Increased Sustainability: More Ethanol from the Same Amount of Feedstock
- Minimal Maintenance Costs
- Easy Retrofit and Small Footprint
- Proven and Patented Technology with Biofuel Installations since 2005



Increase Plant Profitability by Maximizing Yield

