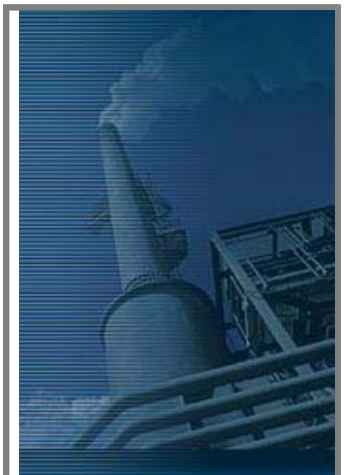
Hydro Dynamics, Inc
The Solutions Company





"Controlled cavitation technology can be characterized as a breakthrough technology with the potential to achieve quantum improvements in certain pulp and paper operations."

Dr. W.J. Frederick of the Institute of Paper and Science Technology

Product Line

The ShockWave Power™ Reactor (SPR) harnesses the energy produced from controlled cavitation, resulting in the superior mixing of fluids and/or scale free heating. The SPR has an elegantly simple and robust design proven through years of commercial operation in various industrial markets from chemical processing to the production of fuels. The stainless steel construction, easy to use control system, small footprint, and quiet operation make the SPR an unparalleled reactor.

Industrial SPR

Standard Package (customization available)

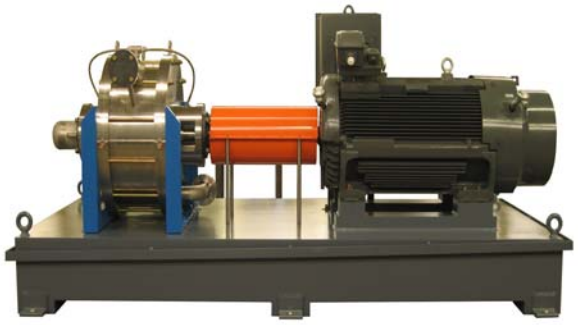
- 304 Stainless Steel SPR
  - Max temperature: 400°F
  - Max pressure: 300 psig
- TEFC motor rated at 460 VAC, 3600 RPM, 60 Hz
- One AC-Drive
- Piping connections with Viton elastomers
- Double cartridge seal
- Mounted on painted skid
- Basic instrumentation and control panel
- Training and operations manual

Sanitary SPR

Standard Package (customization available)

- 316 Stainless Steel SPR
  - Max temperature: 300°F
  - Max pressure: 150 psig
- CIP design
- TEFC motor rated at 460 VAC, 3600 RPM, 60 Hz
- One AC-Drive
- Piping connections with Viton elastomers
- Double cartridge seal
- Mounted on stainless steel skid
- Basic instrumentation and control panel
- Training and operations manual
- 3A available upon request

Biodiesel SPR



Standard Package (customization available)

- 304 Stainless Steel SPR
  - Max temperature: 400°F
  - Max pressure: 300 psig
- TEFC motor rated at 460 VAC, 3600 RPM, 60 Hz
- One AC-Drive
- Piping connections with Viton elastomers
- Single cartridge seal with built-in process lubrication
- Explosion-proof thermocouples
- Mounted on methyl ester resistant painted skid
- Basic instrumentation and control panel
- Training and operations manual

View Pictures of Product

Request Information

Contact Hydro Dynamics

Telephone: 706-234-4111
Facsimile: 706-234-0702