

Technical Products and Services, Inc.

Spray Nozzles and Systems for SO_x/NO_x Reduction and Conditioning Towers



Enclosed is our newest general catalog of spray nozzles as well as a brochure describing our specialized nozzles and systems used for both atomizing water for gas cooling as well as injection of lime slurry, carbon slurry and aqueous ammonia for reducing SO_x and NO_x emissions.

Our office, TPS Inc., has specialized in the sale and application of fluid handling products since 1981. We understand that even the best spray nozzle is ineffective if not applied properly. We would like to become a vendor for spray nozzles and related accessories. If you have a difficult application, wish to refine your system or simply want to try to improve pricing, service and delivery, please contact our office.

Three Ways We Can Help

- Assisting with nozzle specifications required to achieve the targeted gas cooling and scrubbing performance
- Provide alternatives for slurry spraying with our patented "clog-less" Supersonic Injection Nozzle Lances
- Improve pricing and engineering support for standard catalog items with our equivalent spray nozzles.

Complimentary Products and Services

- **Sealless Hydra-Cell Pumps.** Used for reliably pumping lime slurry, carbon slurry, urea, aqueous ammonia as well as for atomization for inlet fogging spray rings.
- **Pump suction Strainers and Filters.** We offer the largest online catalog of industrial strainers and filters. Our catalog is organized by strainer type and flow rate and each model has its own customizable datasheet for accurate performance information and comparison to other brands.

<http://www.fluidproducts.com>

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**Optimization Through
Increased Efficiency**



Innovative Product Spotlight:
Dual Orifice Silicon Carbide Nozzles minimize the number of nozzles required for FGD scrubbers and increase efficiency through additional pattern impingement atomization.

- **Installation and Replacement Costs are Lower**
- **Efficiency is Improved – Better Scrubbing with your existing flow.**