

PROVIDING EXCEPTIONAL ENGINEERED SOLUTIONS & SERVICES SINCE 1940

## MECO DESIGNS MIXING & DISTR



[MECO](#) delivered a Chemical Mixing & Delivery skid to an upstate business with a final destination that is set for an international location. Since April, the system has been in fabrication at MECO's manufacturing facility in Simpsonville, SC. MECO's engineering team designed the Chemical Mixing & Delivery skid to be truly unique, due to the fact that it utilizes Aquatherm & stainless steel piping. Unlike other pipes, this Aquatherm piping is fusion welded. This new skid also includes Corcoran pumps, Bray-Flowtek actuated valves, and US plastic tanks. This new system is ideal for any plant that needs to mix elements and distribute them where necessary.

## MECO FABRICATES TEMPERATURE CONTROLLING UNIT for GLOBAL MANUFACTURER

[MECO](#) delivered a temperature control unit or TCU skid to a US corporation with a final destination that is set for one of the largest global corporations. Since the beginning of May, the system has been in fabrication at MECO's manufacturing facility in Simpsonville, SC. Our skilled engineering staff was able to complete this project eight weeks ahead of schedule. These heat exchanging skids use steam to heat and chilled water to cool a chemical mixture, to a specific temperature. This new system is ideal for any industry where process temperatures must be maintained.

## MECO AT THE AFSA CONFERENCE



On April 9th, MECO's Justin Stallings and Chad Johnson attended the AFSA (*American Fire Sprinkler Association*) convention. The AFSA convention provides the opportunity for MECO to meet with many of our customers and discuss completed and upcoming projects.

The AFSA is a community of fire sprinkler contractors, vendors, & engineers who remain committed to life safety. AFSA provides continuing education classes for industry professionals. - Justin Stallings



## Principal News

### QUANTUMFLO UPDATE

June 3rd-4th, Ed Ross, Quantumflo's RSM, visited the Simpsonville and Matthews offices to provide technical training and made sales calls with our Engineered Sales Team. Ed discussed their latest product iQFLO. iQFlo technology and its exclusive benefits:

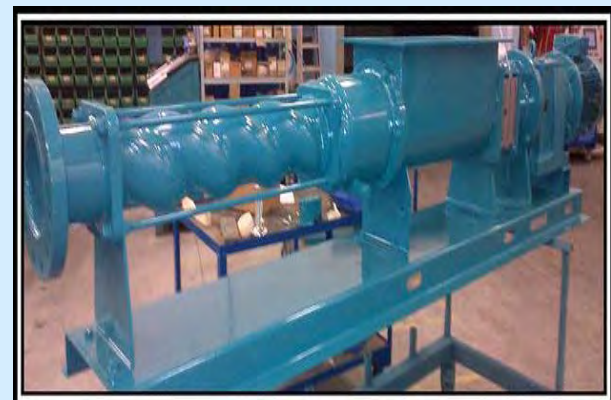
- Accurate and fast motor shut down with no need of a flow meter
- Elimination of overheated, wasted water or standby losses
- No need for thermal purge valves
- Prevention of over shoot and under shoot with auto gain artificial intelligent PID loops
- Digital set points updated every 10 milliseconds Response that's 10 times faster than the nearest competitor
- No risk of motor burn outs
- Automated alternation with no pressure loss Prevention of mechanical failure with exercise circuitry
- 84% energy savings over PRVs and 18% over any variable speed competitor



### SYCLONE COMES STORMING INTO AREAS OF HIGH PRESSURE

By using a true profile ( even wall ) stator design, designated the Syclone, it is possible to increase the pressure gain by 30% - 100%, depending on stator size & media, generating an additional 4 to 12bar from a 2 stage pump. This is possible because the even wall thickness of the Syclone stator results in a more uniform expansion & increased accuracy of geometry which in turn provides a more effective seal line and hence less slip. There are also other benefits offered by a consistent wall thickness, including

- Reduced starting and running torque
- Lower power requirements
- Less pump noise
- A more stable flow characteristic with better volumetric efficiency
- Lower replacement costs when using expensive elastomers



MECO is your local distributor for all manufacturers mentioned above (QuantumFlo and Sydex).

Call us for more information on any of these products!

## CONGRATS DAN SHERBERT

MECO would like to congratulate Dan Sherbert, of inside sales, on 42 successful years with us!

During Dan's time that he has worked at MECO, he has significantly contributed to MECO's success, particularly in the area of sales where he has always been a leader that others could follow. Thank you for your hard work and dedication to MECO for the past 42 years, Dan!



## UPCOMING EVENTS

- June 21st-24th **NFPA Expo (The National Fire Protection Association)** in Chicago, IL

NFPA's Conference & Expo is widely regarded as the most comprehensive industry event for countless professionals -- from architects, engineers, contractors, and building managers to public and private fire service, enforcement agencies, insurers, and utilities.
- September 26th-30th **WEFTEC (The Water Environment Federation's Technical Exhibition and Conference)** in Chicago, IL

WEFTEC is the biggest meeting of its' kind in North America, and offers thousands of water quality professionals from around the world the best water quality education and training available today.
- October 22nd: MECO/Deublin Regional Drying Optimization Seminar

Topics include:  
Papermachine Overview, Steam & Condensation System Fundamentals, Steam Joints & Siphons, Hoods & Air Systems. CEU certification provided.  
[Register Here](#)

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## OUR SERVICES

- UL Listed Pump Packages
- ETL Listed Fire Protection Packages
- Certified Pump Repair
- Pump Flow Testing
- On-Site Repair
- System Startup Pilot Testing

- Packages With/Without Enclosures
- Metal Buildings/ Fiberglass Buildings
- Welding: ASME Certified
- Quality Assurance
- ISO 9001:2008 QM
- Hydrostatic Testing
- Full Flow Testing
- Certified Startup

- System Integration
- Controls, Mechanical & Interface
- Solidworks Drawing Packages
- Reliability: World Class Components
- Maintenance friendly layout

## LOCATIONS

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