



# MECO NEWS

*Providing Exceptional Engineered Solutions & Services Since 1940*

## NEW PRINCIPAL: EDI

**MECO IS PLEASED TO NOW BE REPRESENTING ENVIRONMENTAL DYNAMICS INTERNATIONAL (EDI) FOR THE INDUSTRIAL MARKET**

EDI specializes in the development and application of very advanced technology aeration and biological treatment solutions for municipal and industrial wastewater. The professionals and engineers at EDI provide the highest level of value added service, technology transfer, process application and system design support. is a full service organization and provides field contract services for equipment installation, start-up and maintenance with demonstrated success in more than 7,000 installations in over 100 countries world-wide.



## NFPA CONFERENCE & EXPO

**EVERY YEAR THOUSANDS OF THE TOP FIRE, ELECTRICAL AND BUILDING SAFETY PROFESSIONALS FROM ALL OVER THE COUNTRY SPEAK AT THE EXPO**

Chadwick Johnson attended the National Fire Protection Association (NFPA) Conference & Expo in Chicago, IL held June 21-24. Pentair's North Aurora Operation hosted a plant tour and provided technical training on June 23rd. The conference & expo was very informative and MECO looks forward to returning next year!

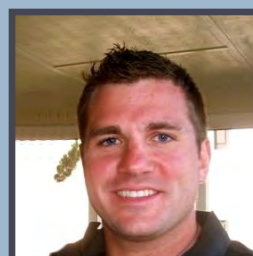
NFPA is a global organization devoted to eliminating death, injury, property and economic loss due to fire, electrical and related hazards. They deliver information and knowledge through codes and standards, research, training and education, outreach and advocacy.

### MEET: MICHAEL TURNER



MECO welcomes Michael Turner to the family. Michael has joined our inside sales team, serving the municipal market. He was born and raised in Pageland, SC, but currently lives in Concord, NC. He is married to Janet and they have two boys, Charles, age 4, and Nicholas, age 2. His family also consists of a cat named Tigger who is 7 years old. In his spare time, Michael enjoys being around his friends and family.

### MEET: MATT RICE



MECO welcomes Matt Rice to the family. Matt has joined our Engineered Sales team, serving the municipal market. He was born and raised in Greenville, SC, and is in the process of moving back to the Greenville area. He is married to Mary and together they have a son, Charlie, who is 6 months old. In his spare time, Matt enjoys the outdoors, being around his friends and family, and Clemson football.



# RAD-AX SKG SERIES SUBMERSIBLE PUMPS AWARDED PRODUCT OF THE YEAR

RAD-AX SKG SERIES SUBMERSIBLE PUMP HAS BEEN AWARDED  
PRODUCT OF THE YEAR AT THE BRONZE LEVEL IN  
THE PLUMBING & WATER MANAGEMENT CATEGORY

## Key Features:

- RAD-AX Dual Shredding Technology featuring radial/axial shredding elements.
- All shredding elements constructed of hardened 440C Stainless Steel with a Rockwell hardness of 55C plus.
- Shredding System efficiency to alleviate potentially high surge load to the motor.
- Efficient, high solids passage impeller and volute design, coupled to a high torque 4-pole motor. (2, 3, & 5 HP)
- Oil-lubricated Double Mechanical Seals and separate lip seal.
- Heavy Duty SOOW power and Seal Minder® cable – for early warning moisture detection

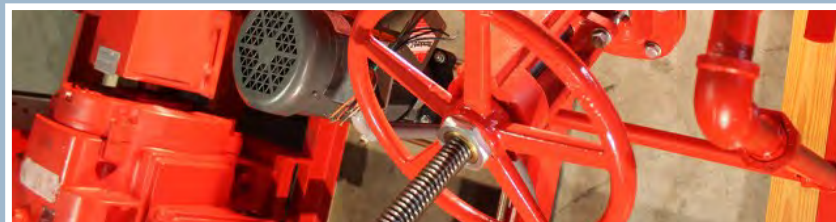
Featuring patent-pending RAD-AX™ Dual Shredding Technology, the SKG Series is designed to obliterate flushable wipes and other difficult solids in municipal and industrial wastewater applications. Items previously considered difficult or near impossible to pump are effectively handled through the innovative design of the SKG. The robust construction prevents downtime and reduces maintenance for longer life.

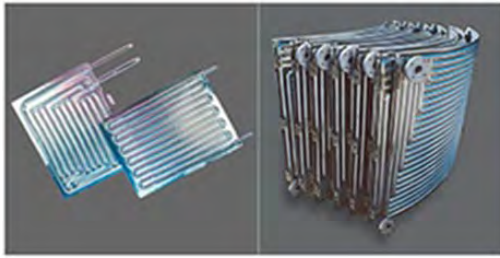


## RETROFITS, MODIFICATIONS & UPGRADES

Energy savings with variable speed pumps from QuantumFlo can range anywhere from 35-90% savings on your utilities expenditure. In fact, some of these retrofits are paid for within a year of installation, making an energy retrofit for your building...FREE!

QuantumFlo specializes in the rapid replacement and upgrade of existing packages. We even maintain a stock of our most popular replacement product—The Prodigy—and in many cases we can ship these within two weeks or less!





## BENEFITS OF PLATECOIL

### CONFIGURE PLATECOIL PRIME SURFACE HEAT EXCHANGER PANELS AS VIRTUALLY ANY KIND OF HEAT TRANSFER SURFACE

When energy and metal alloys are cheap; today, the value-engineered choice is PLATECOIL! Tranter configures PLATECOIL® Prime Surface Heat Exchanger panels as virtually any kind of heat transfer surface. Whether you've been using pipe coil, grid coil, half pipe, helical tank coils or limpet coils, it makes good business sense to take a look at PLATECOIL, proven in thousands of applications for nearly 70 years.

PLATECOIL Multi-Zone (steam) and Serpentine (liquids) panels can take on any shape required. PLATECOIL single-embossed panels can be edge-welded to fabricate a smooth-inner-surface vessel, or clamped on to an existing vessel exterior wall.

## AURORA'S HORIZONTAL SPLIT CASE ELECTRIC DRIVE FIRE PUMP

### Key Features:

- UL Listed/FM Approved/NFPA-20 Design
- For Commercial, Industrial and Marine Use
- Diesel and Electric Driven Available
  - Lower Initial Cost
- Quicker Delivery With Red Hot Quick Ship Program
  - Ease of Maintenance



## HUGE CAPACITY IN A SMALL FOOTPRINT

### HEAT EXCHANGER RECEIVES ARI STANDARD 400 CERTIFICATION

Tranter's "A" line of Plate Heat Exchangers have received the Air-Conditioning, Heating and Refrigeration Institutes (AHRI) ARI Standard 400 certification for liquid-to-liquid, plate-type heat exchangers. The ARI certification covers 40 units, from the ACD-008 to the AXD-205.



### Cooling Applications:

- Compact size that increases thermal capacity in space-limited retrofits
- High induced turbulence that overcomes the fouling tendencies of dirty streams
- Corrosion-resistant plates that offer long service life
- Close temperature approach of 1°C (2°F) that makes practical use of low-grade sources
- Finely tuned thermal length for efficient installations in many ways

### Heating Applications:

- Geothermal heat source or thermal storage insulation
- Combined process heat/HVAC heating
- Waste/low-grade heat recovery
- Instantaneous water heating
- Swimming pool heating
- Embedded radiant heating (using Tranter Prime Surface Heat Exchanger panels)

# RECENT EVENTS



## WEFTEC 2015

The Water Environment Federation's Annual Technical Exhibition and Conference is the largest meeting of its kind in North America. Held September 26-30 in Chicago, this year's conference offered thousands of water quality professionals from around the world the best water quality education and training available today. Also recognized as the world's largest annual water quality exhibition, WEFTEC's massive show floor provided unparalleled access to the field's most cutting-edge technologies and services.



## MECO/DUBLIN DRYER OPTIMIZATION SEMINAR

The MECO/Deublin Dryer Optimization Seminar was held October 22 in Florence, SC. Topics included: Papermachine Overview, Steam & Condensation System Fundamentals, Steam Joints & Siphons, Hoods & Air Systems. CEU certification was also provided during the seminar.

### MECHANICAL EQUIPMENT COMPANY

#### **MATTHEWS, NC**

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#### **RALEIGH, NC**

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P: 704.847.2100

#### **SIMPSONVILLE, SC**

510 Palmetto Dr.  
Simpsonville, SC 29681  
P: 864.967.3420

## SERVING THE CAROLINAS FOR 75 YEARS

Since 1940, Mechanical Equipment Company has been deeply involved in the Industrial, Utility, Water/Wastewater and Commercial growth in the Carolinas. As our first priority, a commitment to customer satisfaction has been the major factor in our success and growth. From a one-man company in 1940, we are now a firm with nine experienced outside sales engineers who are backed up by eight highly trained inside sales and engineering staff. We also offer a customer service and office staff of seven, as well as a service department.

Continued representation of several major principals for over fifty years is evidence that our primary commitment to customer satisfaction is the major reason for our stable expansion since 1940.

stay connected

