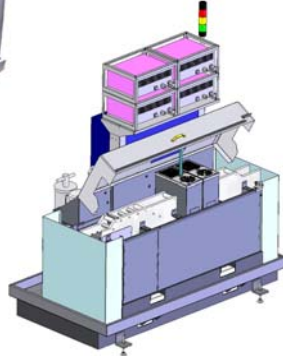




# MAGNUS EQUIPMENT and POWER SONICS CAPABILITIES OVERVIEW

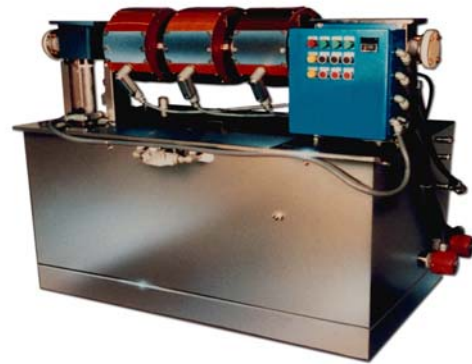


## MINI-TUNNELSONICS RADIAL ULTRASONIC IN-LINE CONVEYORIZED CLEANING SYSTEMS

- HIGH VOLUME PRODUCTION IN SHORT LENGTH
- HIGH INTENSITY RADIAL TRANSDUCERS
- NO ROTATION OR PART-ON-PART CONTACT
- CONTINUOUS CONVEYOR WITH PLC CONTROL
- INTERLOCKED ONE BUTTON OPERATION
- INTEGRATED WASH - RINSE - DRY WITH TANKS,

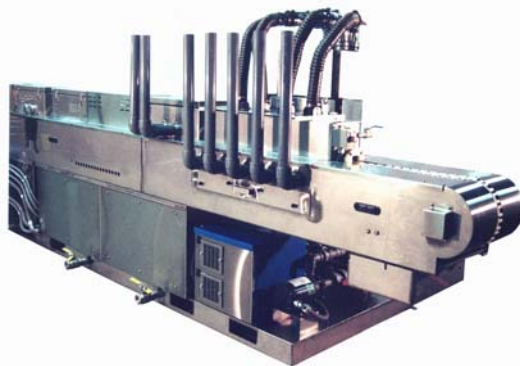
## POWERZONE RADIAL ULTRASONIC IN-LINE CLEANING SYSTEMS

- HIGH INTENSITY, CENTER FOCUS "ROUND" TRANSDUCER
- 10X MORE POWERFUL THAN TYPICAL "FLAT" TRANSDUCER
- WIRE, STRIP, ROD, TUBE APPLICATIONS
- HIGH SPEED IN-LINE APPLICATIONS



## TUNNELSONICS RADIAL ULTRASONIC IN-LINE SMALL PARTS CLEANING SYSTEMS

- SAME FEATURES OF MINI EXCEPT EXPANDED FORMAT
- HORIZONTAL "DRY" LOAD, "DRY" UNLOAD
- PASSIVE MANUAL LOAD AND UNLOAD
- AVAILABLE WITH AUTOMATIC LOAD AND UNLOAD
- INTEGRATE WITH VISION INSPECTION SYSTEMS

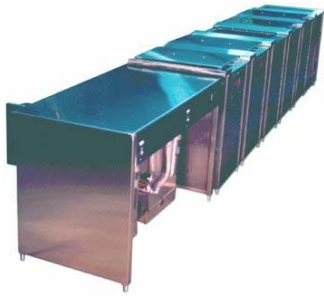


## APPLICATION DEVELOPMENT

- 60 YEARS IN AQUEOUS CLEANING
  - EXPERT APPLICATION ANALYSIS
  - PROCESS DEVELOPMENT
  - EQUIPMENT APPLICATION
- (ask for ENGINEERING STUDY FORM )



# CAPABILITIES OVERVIEW



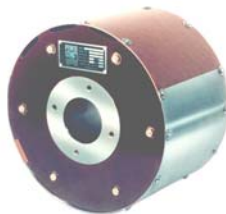
## TYPE CT TRANSDUCERIZED TANKS

- RATINGS 9 TO 37 GALLONS
- LOAD SIZES - 14" x13" x12"H  
TO - 20" x24" x18"H
- SONIC POWER - 1000W TO 3000W
- OPTIONS INCLUDE TIMERS, DRYERS, FILTERS, OIL SEPARATORS, ETC.



## RADIAL AND IMMERSIBLE TRANSDUCERS

- HIGHEST CAVITATION INTENSITY
- HIGHEST POWER DENSITY AVAILABLE
- MODULE SIZED TO GENERATORS
- SPECIAL ALLOYS AVAILABLE
- HARD SURFACE FINISH AVAILABLE



## TYPE PS CHEMISTRIES

- CUSTOM BLENDED FOR SONICS USE
- ALL pH RANGES INCLUDING INHIBITORS
- SPECIAL APPLICATIONS AVAILABLE
- AUTOMATIC MAKEUP CONTROLS



## MIJI-LIF SYSTEMS

- LOAD RATINGS - 50# AND UP
- AUTO LOWER, AGITATE, LIFT
- ULTRASONICS
- MULTIPLE TIMED PROGRAMS
- UNIQUE AND LOWEST COST



## LIFT, AGITATE AND TRANSFER SYSTEMS



- LOAD RATING - 150# to 2,200#
- CAPACITIES 40 TO 1,200 GALLONS
- ROTATION OR NON-ROTATION
- PARTIAL OR FULL TUNNEL
- MULTIPLE WASH /RINSE STAGES
- MANY DRYER OPTIONS
- PLC CONTROL

## ULTRASONIC GENERATORS

- HIGHEST POWER OUTPUT SIGNAL
- VARIOUS SIGNAL OUTPUT MODELS
- SELF DIAGNOSTIC MODELS



## SPECIAL PROCESS ULTRASONICS

- NON-CLEANING APPLICATIONS
  - SPECIAL PROJECT DEVELOPMENT
  - SPECIAL TRANSDUCER DEVELOPMENT
  - SPECIAL GENERATOR DEVELOPMENT
- (for details call POWER SONICS)



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