WENDT Shredder Emission Control Systems

As environmental regulations continue to get tougher for shredder operators, WENDT recognized a need for development of an auto shredder emission control solution tailored to the challenging application of auto shredding in North America. WENDT dedicated research and development resources to address the issue. The result is an unprecedented, complete auto shredder emissions control solution to keep North American shredders in EPA compliance and sets a new standard for the scrap recycling industry.

From simple water injection systems to the most advanced particulate, VOC, and acid gas treatment, WENDT has a solution to satisfy any regulatory need. With WENDT's experience, we can assist our customers from permitting to install and through the entire process of bringing their shredder into environmental compliance.

- Unique process utilizing Dry Filtration Technology
- Significantly reduced high operating costs associated with legacy wet filtration processes
- · Single source supplier of all equipment
- WENDT ensures entire system meets EPA compliance
- Protects operators from complications associated with coordinating multiple equipment suppliers
- Exclusive technology partnerships with leading emission control equipment companies, including APC Technologies
- Scalable to fit individual customer needs & location–specific requirements





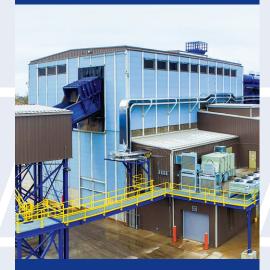
WENDT Shredder Emission Control Systems

WENDT

WENDT CORPORATION is a world leading provider of completely integrated scrap processing systems. Beyond our extensive equipment portfolio, WENDT's in-house team of engineers, project management, sales and service help us deliver unique value and a competitive advantage to our customers. The combination of our proven equipment, processes and innovative technologies are what make WENDT a world-class recycling equipment provider.

WENDT offers a wide range of installation configurations that are tailored to meet the needs of our customers and their specific markets.

Shredder Enclosures



- Superior explosion resistance
- Fire retardant panel construction
- Industry-proven, world-wide Experience
- Significant noise reduction

Particulate Control



- Fine particulate control methods:
 - UHF Dry Filtration
 - Wet Scrubber
 - Dry Sorbent Injection
- Large particulate control methods:
 - Drop Box
 - Cyclone

VOC Control



- Regenerative Thermal Oxidizer
- Only known technology being used in the U.S. auto shredding industry
- Capable of 98% destruction efficiency of VOC's (the primary emissions target of recent EPA enforcement)

Acid Gas Control



- Wet Packed Bed Scrubber
- Uses a chemical solution to remove the acid from the vapor stream
- Spray nozzles ensure full coverage of the vapor and soaks packing material
- The vapor stream, which is flowing upwards (countercurrent to the stream of liquid), contacts the moisture
- Capable of over 99% efficiency