

**AMERON - SETTING A NEW STANDARD
FOR THE AMERICAN WIND TOWER INDUSTRY**

ENERGY IS ALL ABOUT...

- ❑ Commitment to environmental stewardship while making a product that supports clean, renewable energy—Being Green, Supporting Green
- ❑ Commitment to quality - proven for 100 years
- ❑ Commitment to the wind industry.
- ❑ Capacities to make the largest wind towers in America
- ❑ Serial production facilitating large volume projects
- ❑ Financial stability - NYSE-listed company
- ❑ Established supply chain of quality raw materials and suppliers
- ❑ Engineered processes, using efficient State-of-the-Art equipment and techniques
- ❑ Strategically positioned to support the Western U.S. wind markets, tactically approaching markets beyond to the East and out into the Pacific
- ❑ Member EWEA, AWEA, CalWEA and KWEA
- ❑ ISO 9001 Certified, AISC certified
- ❑ Competent, qualified, and certified, “self-performing” all NDE required inspections



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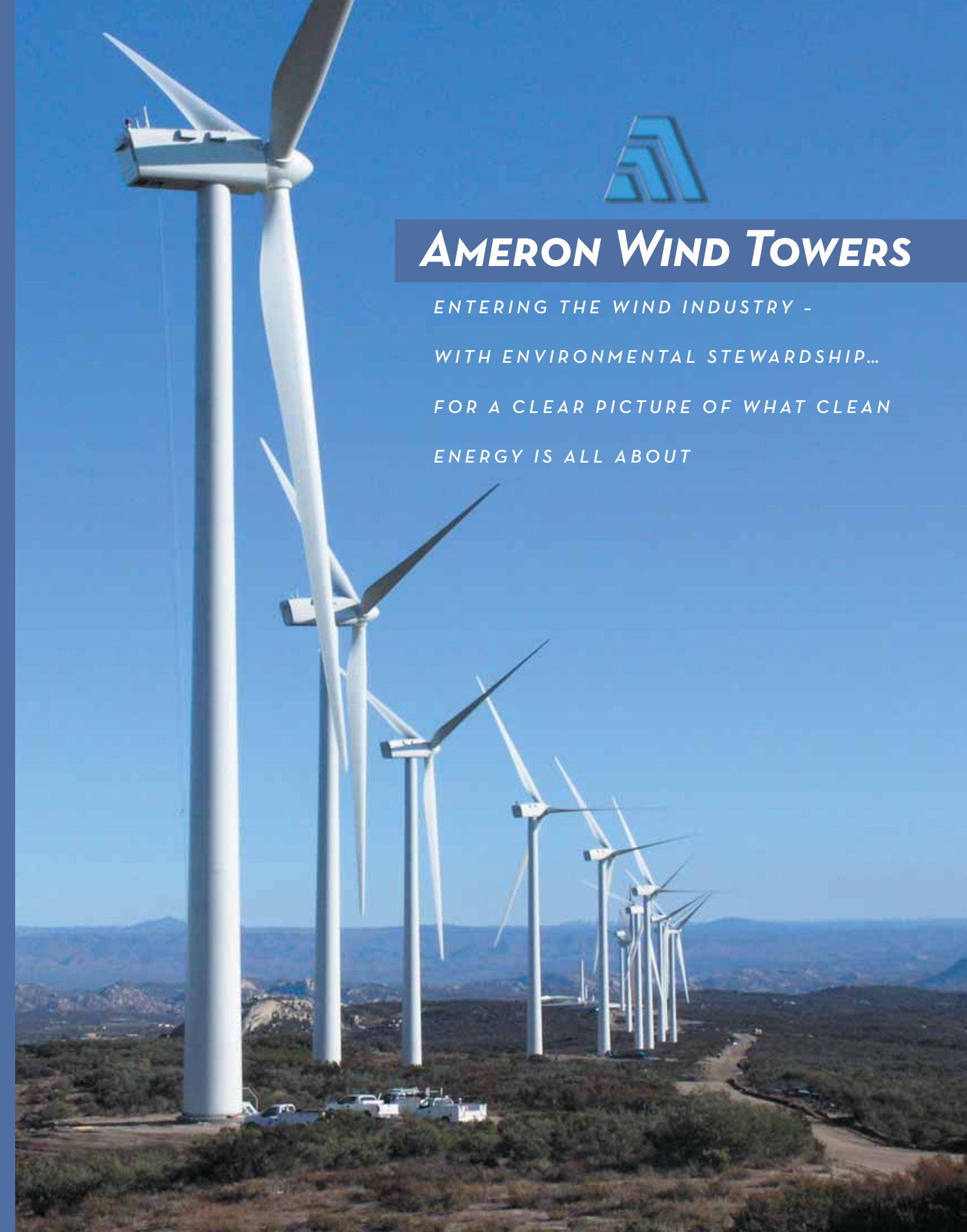


AMERON IS DOING BIG THINGS



AMERON WIND TOWERS

*ENTERING THE WIND INDUSTRY -
WITH ENVIRONMENTAL STEWARDSHIP...
FOR A CLEAR PICTURE OF WHAT CLEAN
ENERGY IS ALL ABOUT*



Supporting Clean, Renewable Energy... Elevating the Art of Wind Power. **AMERON WIND TOWERS**

WHY WIND TOWERS

For decades Ameron has built quality products, leading our participant industries. Ameron's history includes building the largest pipe in the world. We've been burying our highly engineered large-diameter water pipe and manufactured coatings for years. Now Ameron has seized the opportunity to display its century-old reputation of quality and industry leadership - standing high in the air. Our age-old competencies are a good fit for manufacturing the largest wind towers in America.

FOCUSED, SERIAL, AUTOMATED

Wind Towers are huge!

Today's Multi-MW wind turbines are predominantly supported on 80 m wind towers that are 4.8 m in diameter and can have tower sections longer than 36 m. Steel plate thickness approaches 50 mm, making some tower sections nearly 70 tons each. Many 80 m wind towers are in the range of 200 tons complete. It takes robust resources, ingenuity, determination and ability to build the level of precision and quality into today's wind towers in accordance with turbine designer's specifications. Minimizing handling of the tower section components is key to quality and competitiveness. Each piece needs to be handled delicately and articulately to get the product properly fit, welded, painted and including all internal accessories.

Ameron has converted its heavy-steel fabrication plant In Fontana, California into a production line with the precision to efficiently address all details of wind tower manufacturing. We invested to retrofit our existing project-oriented assembly plant into a serial production manufacturing scheme; automated to move heavy materials throughout the manufacturing process proficiently. Our heavy bridge cranes have capacities from 18 tons to 80 tons each. Turn-tables, rail carts, and even small railroad conveyance move the pieces resourcefully. We installed two new specific wind tower component complexes adjacent to our 900-foot long heavy assembly bay. The heavy assembly bay has four complete lines of new fitup, girth-, door- and internals-welding equipment. Ameron is poised to manufacture large quantities of wind towers well over 105 meters in height.



Entry to new Coning Building... Where it all begins

ELIMINATING HANDLING

The Fontana plant has a rich legacy building unique, oversized steel plate fabrications required for waterlines, bridges, and tubular structures. To competitively produce wind towers, increasing product flow, decreasing labor interaction while maintaining quality had to be achieved. The plant is now established to serially manufacture a "product", with minimal handling.

THE CONE BUILDING

Ameron utilizes an abbreviated path to more precisely and competitively produce cones for the wind tower sections. In the Coning Building, we burn, bevel and roll the steel plates into cylinders or cones with agile movements. The long seams of the individual "cans" are then welded to 100% NDE UT quality and transported into our major assembly building, the South Bay.

We are outfitted to manufacture the nation's largest possible wind towers. Tactically placed, mirror image (4-roll) bending rolls are situated for production to 70 mm thickness and very large diameters. On site Ameron has bending roll capacity to 125 mm thickness. The engineered process flow is designed for "lean" manufacturing.

AMERON'S SPECIALTY COATINGS COMPLEX

The Ameron Specialty Coatings complex is designed for environmentally-friendly production of multiple 80-meter-tower sections per day.

Eighty meter wind towers have up to 21,000 ft² of surface area to coat to marine level corrosion resistance. Large capital investments require tower assets to be protected for extended periods. Each tower section receives 1 or 2 coats of paint internally and 2 to 3 coats of paint externally. These paint systems are generally in accordance with ISO-12944-2 standards for corrosion protection testing: C2, C3, C4 and C5i and C5m. We can also metallize tower components as required prior to applying finish coatings.



1 of 2 - New 4-roll Faccin 70 mm Bending Rolls situated for efficient material flow.

Ameron is located within the Los Angeles metropolitan area. The South Coast Air Quality Management District (SCAQMD) regulates the Southern California community air quality. SCAQMD leads the nation in clean air monitoring and regulation, and achieves success through aggressive permitting of any large equipment, outdoor blasting, and all painting and coatings facilities. Manufacturing wind towers requires permitting to specific SCAQMD rules and regulations. Particulate Matter (PM), Volatile Organic Compounds (VOCs) and Hazardous Air Pollutants (HAPs) are all regulated air quality components. Ameron has succeeded in entering the wind tower manufacturing process engineering and permitting the "greenest" process in the world.

Our "black box" or Reformative Thermal Oxidizer (RTO) is Ameron's "secret weapon" to abate the harmful emissions portions of the coatings process; eliminating VOCs and HAPs contained in the paint by 98%.

Ameron has installed three paint booths equipped with new coatings process equipment designed to support high productivity for the largest wind towers anticipated in the U.S. domestic market. Each paint booth is dimensionally adequate to accommodate wind tower sections up to 4.8 meters (15.4+ feet) in diameter and 36.5 meters (120 +/- feet) in length. Booth No. 3 can additionally accommodate 5.4 meters (18+ feet) diameter Base Sections up to 40 feet length. The process supports tower sections weighing upwards of 75 tons on rail tracks with multiple sets of turning devices to facilitate quality throughput. The booths heat the moving air to 130° F to accelerate curing the layers of coating in the painting process.

ABOUT AMERON

Ameron International Corporation is a multinational manufacturer of highly-engineered products and materials for the chemical, industrial, energy, transportation and infrastructure markets. The company is a leading producer of water transmission line pipe; specialized materials and products used in energy and infrastructure projects; and fiberglass-composites used for manufacturing pipe to transport oil, chemicals, and corrosive fluids. Ameron operates businesses in North America, South America, Europe and Asia. 2007 marks Ameron's 100th anniversary.



RTO Ameron's Secret Weapon to Environmental Stewardship

CONTACT US

We are ready to discuss your next wind project with you. See how we can assist you and improve your opportunities for a successful project by providing you with a product your clients can depend upon for decades of clean, renewable power.

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PHYSICAL PLANT SITE

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Unique to Ameron: Die Pressed Door Frames - Specialty 5,000 Ton Press



Left to Right: Blast Booth, Paint Booth #3, Paint Booth #2, Metallizing & Paint Booth #1



Ameron Paint Booth No. 3. Finish Coated Upper Section to 80 meter tower- Booth #3