



LOOK AT THE WIDE RANGE OF FINISHED PRODUCTS THAT ARE CURRENTLY BEING PRODUCED MORE EFFICIENTLY, AT A LOWER COST AND WITH A CONSISTENTLY HIGHER QUALITY THAN ANY OTHER GALVANIZING PROCESS.

ANY AND ALL OF THESE PRODUCTS CAN BE PRODUCED ON A SINGLE INSTALLATION.

gain your *competitive* edge

- ELECTRICAL CONDUIT
- CONVEYOR ROLLS
- FENCE TUBING
- GREENHOUSE TUBING
- FIRE SPRINKLER
- SCAFFOLDING
- IRRIGATION TUBING
- CONSTRUCTION SHORING
- STRUCTURAL TUBING
- PLAYGROUND AND RECREATION
- BARRICADE AND RAILINGS
- OUTDOOR FURNITURE
- LIVESTOCK ENCLOSURES
- GALVANIZED MECHANICAL



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The world leader for in-line galvanizing and OD coating processes for tubular products.

INTRODUCING THE MOST VERSATILE, LOWEST PRODUCTION COST PROCESS FOR THE MANUFACTURE OF GALVANIZED TUBULAR PRODUCTS.



SURFACE PREPARATION



GALVANISING FURNACE



COATING SYSTEM

MODULAR OD COATING SYSTEMS CAN BE ADDED TO THE GALVANIZING LINE FOR A COMPLETE TURNKEY SOLUTION.

WHAT MAKES OUR ZINC TECH™ PROCESS SO UNIQUE?

Take a moment to look over the process sequence shown below. You will note we have incorporated the components required for galvanizing 'IN-LINE', at various stages between strip accumulation and mill cut-off. The result is continuous production of galvanized tubing, from raw material to finished product, ready to ship in as little as 20 seconds.

SO HOW CAN YOU AS MANUFACTURER, BENEFIT FROM THIS TECHNOLOGY?

Consider the following:

Expand Sales:

Give your company an entrance into growing markets, while significantly increasing the profit and value you add per ton.

Lower Cost:

Our process yields the lowest production cost for any method of galvanizing tubular products. Many products can be manufactured at savings of up to 70% compared to other galvanizing processes.

Fast Payback:

You can expect a typical return on investment within 18-24 months.

More Flexibility:

Galvanize virtually any product that can be produced on your tube mill. You also have the ability to match the zinc coating thickness to your customers and markets exact requirements.

Improved and Consistent Quality:

The **Zinc-Tech™** process applies a unique galvanized finish. Visually it's very shiny and smooth and has the thickest composition of "pure zinc". This results in dramatically increased corrosion performance at equal coating weights or the ability to reduce the overall coating weight, and cost, to achieve comparable corrosion protection.

Highly automated process design consistently produces the highest quality products thereby eliminating many of the variables which can adversely affect surface condition and appearance.

Environmentally Friendly:

Our process is environmentally friendly and can be installed in virtually any location.

Unique Product:

Provide your company with a unique product mix that differentiates you from other commodity manufacturers. You will position yourself as a high quality, niche market, value added producer with a distinct competitive advantage.

Increases Product Strength:

Products manufactured by the **Zinc-Tech™** process are up to 66% stronger or a minimum of 30% lighter when compared to the physical properties of traditional hot dipped galvanized products conforming to ASTM-A53. The result is a stronger product or the ability to reduce material thickness to achieve comparable product strength.

In today's competitive marketplace, the producer needs to be one step ahead. This process doesn't just make your current operation much more efficient; it can open up new business opportunities. The benefits of this process are limited only by your imagination.

COMPANY HISTORY AND RESEARCH AND DEVELOPMENT POLICY

At Superior Technologies, we have been involved with the in-line galvanizing process for more than forty years. From development of the very first system placed in production in 1962 by Pete Chifo Sr. to the present day, we have been dedicated to innovation and refinement of this unique process. This unparalleled experience becomes available to you when you partner with Superior Technologies. You will be working with the pioneers of this process and a company which has a longstanding record of successful installations.

In addition to design and manufacture, we carry out important research and development from our new state-of-the-art facility in Chino, California. With a strict policy of continuous improvement, we ensure that our customers' expectations are met or exceeded on every project. We design our equipment using the latest CAD modeling and analysis software and carefully select components and raw materials to withstand the harsh tube mill environment. Our design philosophy is to invest heavily into the development of new designs that improve process efficiencies, guarantee years of reliable operation and reduce conversion costs for our customers.

O.D COATING SYSTEMS

In addition to our complete galvanizing systems, we are also able to offer O.D. coating systems with ultra violet cure. These systems are located after the calibration mill and prior to tube cut-off. They consist of:

- Tube cleaning and rinse
- Tube drying
- Coating application unit
- U.V curing system

Our OD Coating systems have redefined the standard of product quality and performance. Even when using identical coating chemistry, our

system produces a product which has increased corrosion protection as well as a more attractive surface finish than products coated on competitors systems.

Our O.D. coating systems are modular in design, thus enabling additional banks of UV curing lamps at a future stage if required (i.e. after a mill upgrade to increase production speed. Our systems have high reclamation rates and are designed so that the units can be protected by being pushed back from the mill passline when products do not require coating

