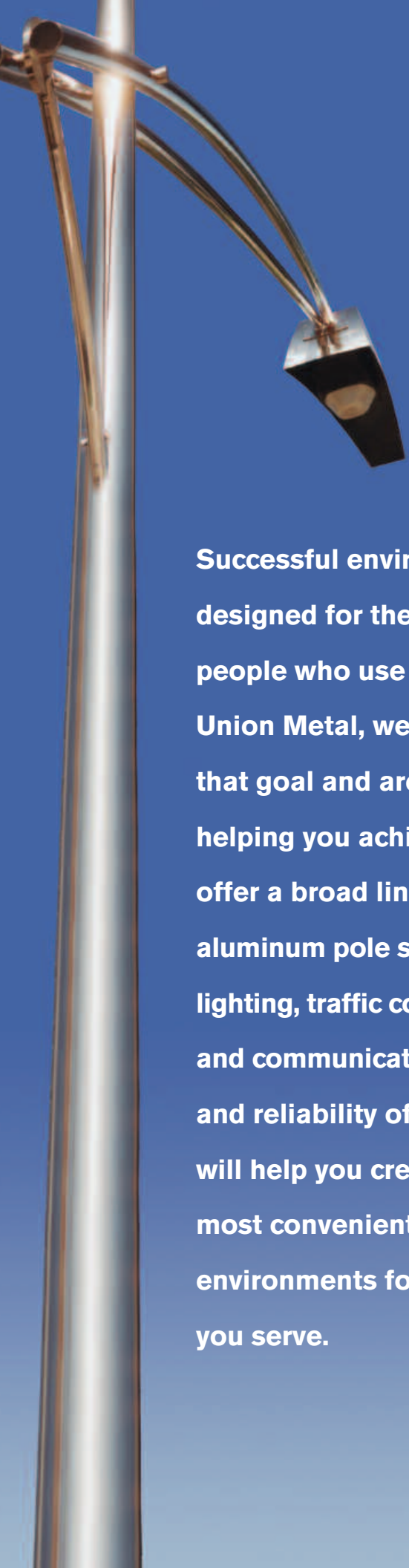


*SAFETY. CONVENIENCE. ENJOYMENT.*



**UNION METAL**

*Poles for a Safer America*



**Successful environments are designed for the good of the people who use them. At Union Metal, we understand that goal and are dedicated to helping you achieve it. We offer a broad line of steel and aluminum pole solutions for lighting, traffic control, signage, and communication. The quality and reliability of our products will help you create the safest, most convenient and enjoyable environments for the public you serve.**

## Lighting the Way

**Safety.** Union Metal lights the way for motorists across every state. Our poles brighten walkways and parking lots around residential developments, office complexes, and shopping malls.

## Pointing the Path

**Convenience.** We keep the traffic flowing on busy city streets, and help pedestrians cross safely. We provide support structures for radio and cellular communications, electric utilities, and mass transit. Our poles support overhead signs, giving directions for fuel, lodging, and refreshments.

## Setting the Mood

**Enjoyment.** Our poles bring ambience to streets in big cities and small towns from coast to coast. Many of our designs have been adapted to accommodate the needs of private developers and historic restoration agencies. Versatile Union Metal poles provide heavy-load lighting support for professional and amateur sports arenas and other outdoor venues.

Union Metal's products are backed by a responsive support network. We work closely with you to provide a solution that not only meets your specification, but is also on time and on budget.

# The Originator. The Innovator.

We introduced the first Union Metal pole product in 1906, and have been innovating and improving ever since. In the 1920s, we pioneered the first tapered tubular pole – the monotube – now an industry standard. Our Nostalgia line of products utilizes the very same designs we placed in towns across America throughout the last 100 years.

*We are proud of our history and our products. Our employees approach every business day with a proven value system that focuses on performance, safety, integrity, and the complete satisfaction of every customer we serve.*



## Our Goal

*To support your goal to bring safety, convenience, and enjoyment to the public through unique and proven solutions.*

Partner with Union Metal whenever our products and services can help you reach your objectives. Together, we'll find the fastest, most affordable, and most efficient way to get there.

## Our Markets

Union Metal products are in use across a number of markets and applications:

**State Public Highways.** A wide range of rugged lighting, traffic control, signage, and camera supports, helping public officials promote intelligent traffic systems and reduce installation and maintenance costs.

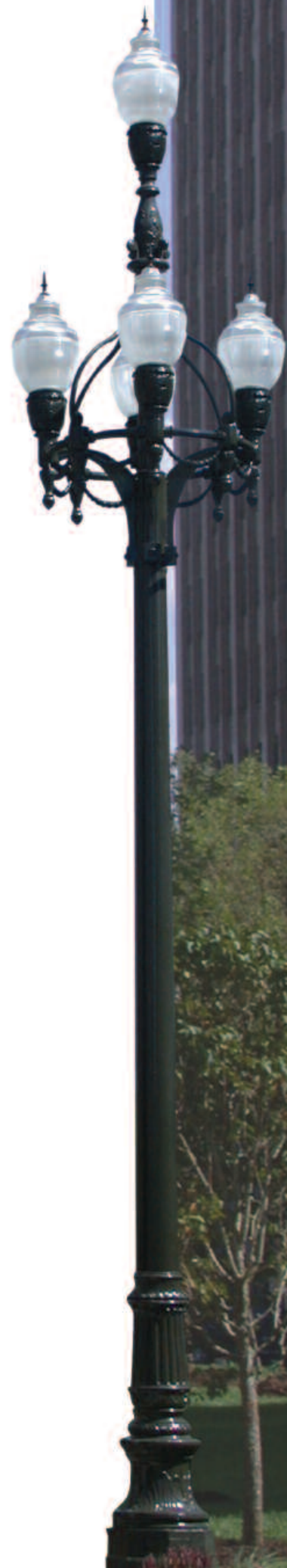
**Municipal Street & Traffic.** Thousands of solutions for traffic signal, street lighting, and signage, including our Nostalgia Series for renovation projects.

**Commercial & Residential.** Standard and custom pole designs, including our Developer Series, for uses from walkways to sports arenas.

**Communication Towers.** High-volume pole fabrication for wireless communication towers.

**Electric Utilities.** Providing safety and dependability for electric utility applications from street lighting to transmission and distribution.

**Mass Transit.** Cantenary poles for light rail and mass transit applications.



# A Range of Shapes, Sizes, Materials

From decorative nostalgia to the extremes of functionality, Union Metal products will exceed your expectations. All of our products start with the highest grades of steel or aluminum, and are available in a range of styles that allow you to choose the right poles for your application.

We offer a range of finishes, mounting styles, and a variety of add-ons and accessories. And when needed, our engineers stand ready to assist you with custom solutions.



## Roadway Lighting and Traffic Control for a Safer America

With over 100 years of experience and expertise, Union Metal has designed and produced thousands of steel and aluminum pole designs for roadway lighting and traffic control. Throughout our history, Union Metal has produced significant pole design innovations that have added considerable benefits for the states and municipalities buying these products.

From the tapered tubular pole (known as the monotube), to the first traffic mast arm pole, to producing mast arms up to 85 feet in length, Union Metal has focused on providing engineered solutions for our customers. We have developed special hinged flange plates to allow the mast arm to swing to the side in order to accommodate floats and balloons for parades. We are a leading supplier for state DOT projects across the U.S.



## Nostalgia Series – Past Meets Progress

Union Metal's Nostalgia products are exact reproductions of the graceful designs and dramatic detail of the classic standards that lined main streets and store fronts a century ago.

We can guarantee the accuracy of these designs because we made the originals. The designs offered in our Nostalgia Series are the same as those that we offered when they were considered "brand new." Even when we have made enhancements to the product to facilitate easier assembly and maintenance, we have taken great care to maintain the historical accuracy of the design.

These elegant poles create a unique, enjoyable environment for downtown, main street, urban environments, shopping complexes, tourist areas, and residential settings. Most notably, they are a key feature in the design of main street communities and historic preservation districts across the country.

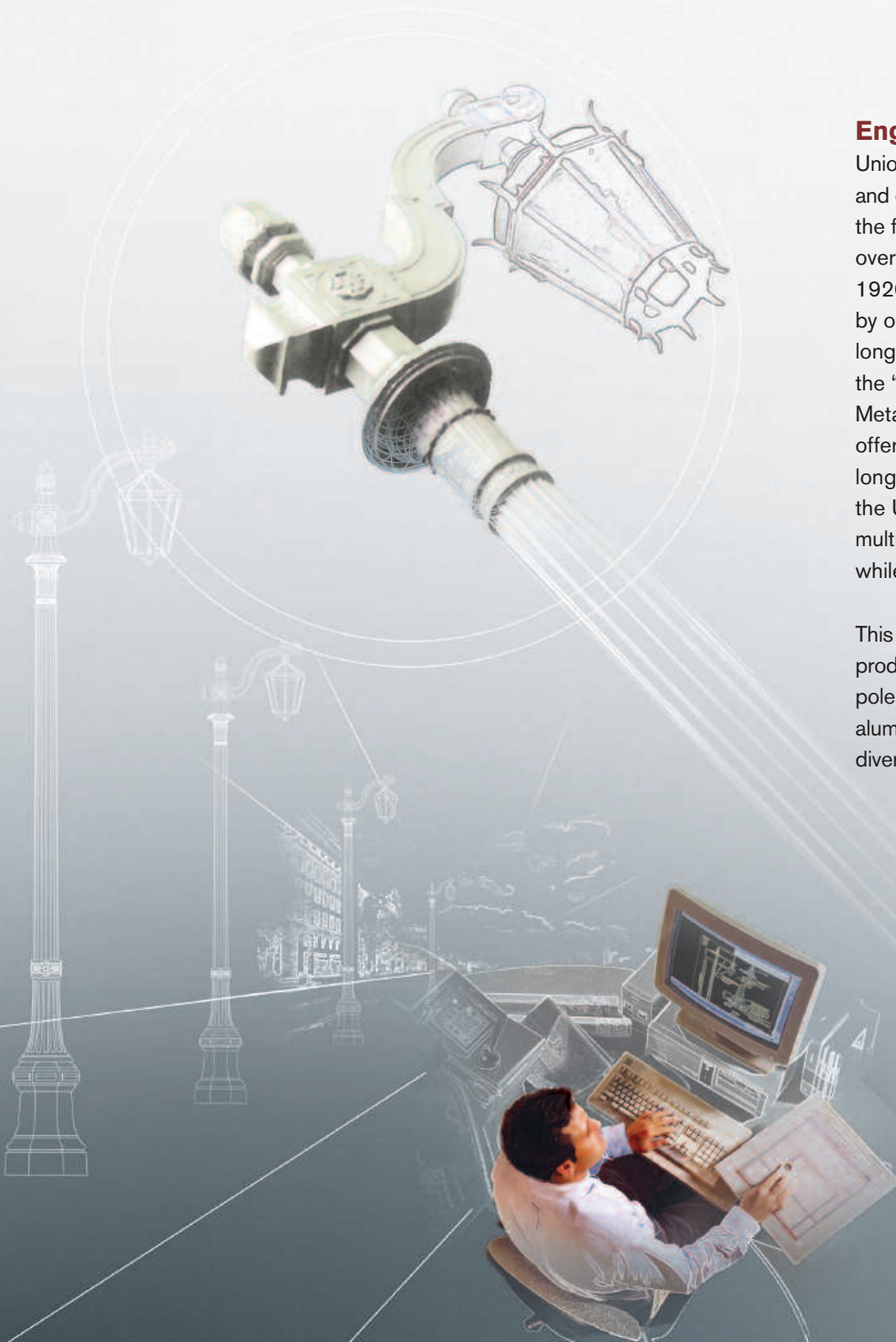
# Engineering Expertise and Customer Care Point the Way to your Solution.

In addition to our full range of pole products, Union Metal provides unparalleled support. From the engineering and technology behind our designs to the custom solutions we provide, our century of experience has taught us the best ways to help you meet your goals.

## Engineering

Union Metal has a long tradition of design and engineering innovation. We produced the first electrical light poles used in over 4400 towns across the U.S. in the 1920s and 1930s. This was followed by our introduction of the strongest and longest tapered light pole in the industry, the "monotube." In the 1950's, Union Metal added aluminum to its product offering. Further innovation brought the longest traffic mast arm produced in the U.S., a hinged traffic mast arm, and multi-ply poles that can carry heavy loads while limiting diameters.

This century of engineering expertise has produced hundreds of Union Metal light pole shaft sections and sizes in steel and aluminum, resulting in one of the most diverse product offerings in the industry.



*At the center of Union Metal's manufacturing expertise is our process for fabricating tapered shafts with a guaranteed uniform section shape, high-yield strength, and unobtrusive weld seams, all in a wide variety of shapes and sizes.*


## **Manufacturing**

- Extensive experience in light pole manufacturing innovation.
- Pioneers in the use of laminated steel.
- Manufacture products with the industry's highest degree of structural integrity.
- Produce all the major components used in the construction of our broad product line.
- Produce the highest-quality products on the market by continually improving all areas of the production line, including cutting, forming, welding, and cold working.
- Factory certified to the American Institute of Steel Construction.
- ISO 9001 certified.
- Welding conforms to AWS D1.1.
- Conform to the latest AASHTO standards.

## **Service**

- Commitment to providing the highest level of customer service.
- Dedicated to meeting and exceeding the requirements of each project.
- Monitor product design, engineering, material inventory, production, and quality control on every project order entered into our system.
- Respond to customer requests and inquiries quickly and efficiently.
- Ready to provide assistance to every architect, developer, consultant, planner, and customer that contacts our company.





Union Metal is dedicated to providing lighting, traffic control, signage, and other support solutions to a variety of industries.

Since 1906, our quality products and unparalleled service have made us the premier manufacturer of poles for a safer America.



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