

TRACHTE[®]

COMPANY PROFILE

PREFABRICATED BUILDINGS TO PROTECT WHAT MATTERS MOST



THE LEADER IN PREFABRICATED BUILDINGS FOR CRITICAL EQUIPMENT PROTECTION

Trachte is the leading manufacturer of prefabricated steel electrical buildings and control rooms that protect valuable equipment for customers with electrical utility, renewable energy, and industrial applications.

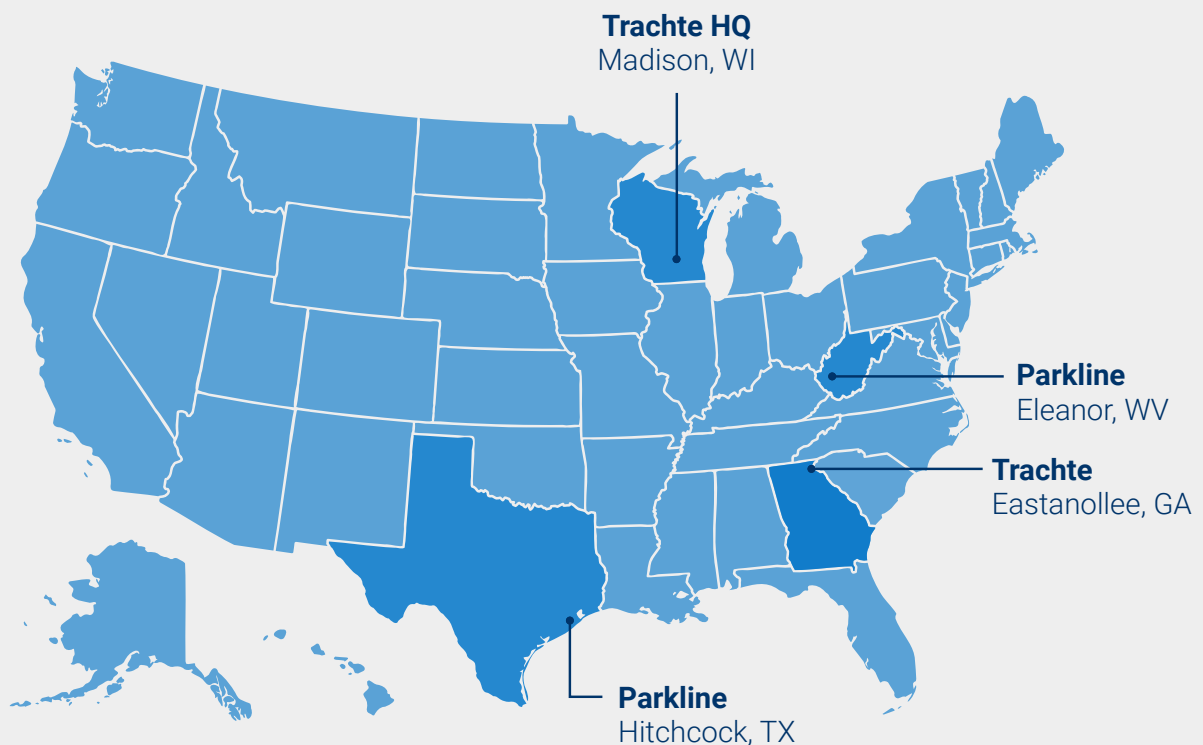
Since its founding in 1901, Trachte continues to be a market leader in quality, customization, reliability, and customer service. From design and engineering to continuous project management support at every step, Trachte is committed to providing unsurpassed quality and satisfaction to customers.

In 2023, Trachte acquired Parkline Inc., which is a leading manufacturer of highly engineered metal buildings. Through the acquisition, Trachte expanded its value bundle to customers with more products and manufacturing locations.



parkline.com

National Coverage



WHY CHOOSE TRACHTE?

The advantages of a Trachte building are engineering, quality control, and project management from design to delivery. Every Trachte building is custom engineered and prefabricated in our state-of-the-art facilities and delivered directly to the final site location. This process minimizes on-site construction, ensures accurate delivery, thereby accelerating project timelines.

Building solutions can also include:

- ▶ Construction options with floors or no floors
- ▶ Expandability for fast, convenient, and economical growth
- ▶ Optional security shielding for ballistics, EMP, and fire resistance
- ▶ 2-year warranties or 5, 10, and 20 year extended warranties
- ▶ Expert project manager and design team support



OUR MISSION

The mission at Trachte is to provide high quality engineered building solutions supported by unparalleled support and customer service. Through continuous reinvestment in technology and culture, our goal is to create a results-oriented and urgency driven company that is committed to protecting the United States infrastructure.

Our core values of respect, integrity, accountability, excellence, and teamwork have been cultivated over the last 100+ years Trachte has been in business. Like the "Spirit of St. Louis" which Trachte once protected for Charles Lindbergh, we believe staying true to this mission will ensure we are around to protect what needs protecting for the next 100 years.

OUR VISION

To be the investment of choice for our employees, customers, partners, and suppliers for engineered structure solutions and services markets.



120+
years
of success

KEEP CRITICAL EQUIPMENT SAFE

Trachte manufactures substation control buildings and e-houses for a variety of markets including T&D, Data Centers and Power Generation.



Transmission & Distribution (T&D)

Substation control buildings are a crucial component of the T&D infrastructure and ensure an efficient and reliable grid. Trachte specializes in control buildings for electrical utilities, EPC firms, relay control panel manufacturers and integrators.



Data Centers

Data centers support mission critical technology that demands absolute reliability and precision. Fully integrated buildings from Trachte offer data centers a turnkey solution for switchgear and other heavy electrical equipment.



Renewable Energy

The increased demand for renewable energy sources continues to rise throughout North America. Trachte's prefabricated buildings support solar, wind, and battery energy storage systems through substation interconnection.



Water

The water and fluid management industries rely on specific features like pumps, motor controls, and power distribution systems. Prefabricated buildings and integrated packages from Trachte can keep these critical operations protected for wastewater and pumphouse applications.



Power Generation

A substation control building for the power generation industry provides a designated and secure space for housing control and monitoring equipment, helping ensure the safety of personnel and equipment.



Communications

Utility and commercial communication markets keep our world connected. Trachte manufactures durable, expandable buildings for electric and gas utilities, cellular communications companies, wireless & microwave carriers, combined service utilities, and more.



[Click to view Project Gallery](#)

[VIEW PHOTOS](#)



Government

The military, federal agencies, and government help protect us. And Trachte buildings help protect them. Our expandable and integrated buildings are designed and engineered for applications such as communications centers, emergency radio networks, FAA airport equipment, and other critical equipment systems.



Transportation

Trachte prefabricated buildings and integrated packages protect valuable equipment for federal, state, city and municipal transportation authorities, rapid transit, inter-urban, rail, bridge, tunnel, and other agencies.



Original Equipment Manufacturer (OEM)

Trachte works hand-in-hand with our OEM partners to fully integrate their equipment seamlessly into a prefabricated building designed around their specifications and needs. Be it switchgear or variable frequency drives, we provide turnkey integration.

Trachte buildings have house electrical and mechanical equipment preinstalled and tested before shipping for optimal project management, schedule efficiency & quality control.

Why Channel Framed Buildings

- ▶ Cost-effective
- ▶ Heavy duty steel framework
- ▶ Durable in all weather climates
- ▶ Design versatility
- ▶ Maintenance-free exterior
- ▶ Energy efficient
- ▶ Environmentally friendly

PREASSEMBLED BUILDINGS

Trachte preassembled buildings are modular, custom-engineered, and factory-built to either include a steel floor or no floor for drop-over projects. All preassembled buildings are backed by a full 2-year warranty, with extended 5, 10, and 20 year warranties available, giving you engineering peace of mind.



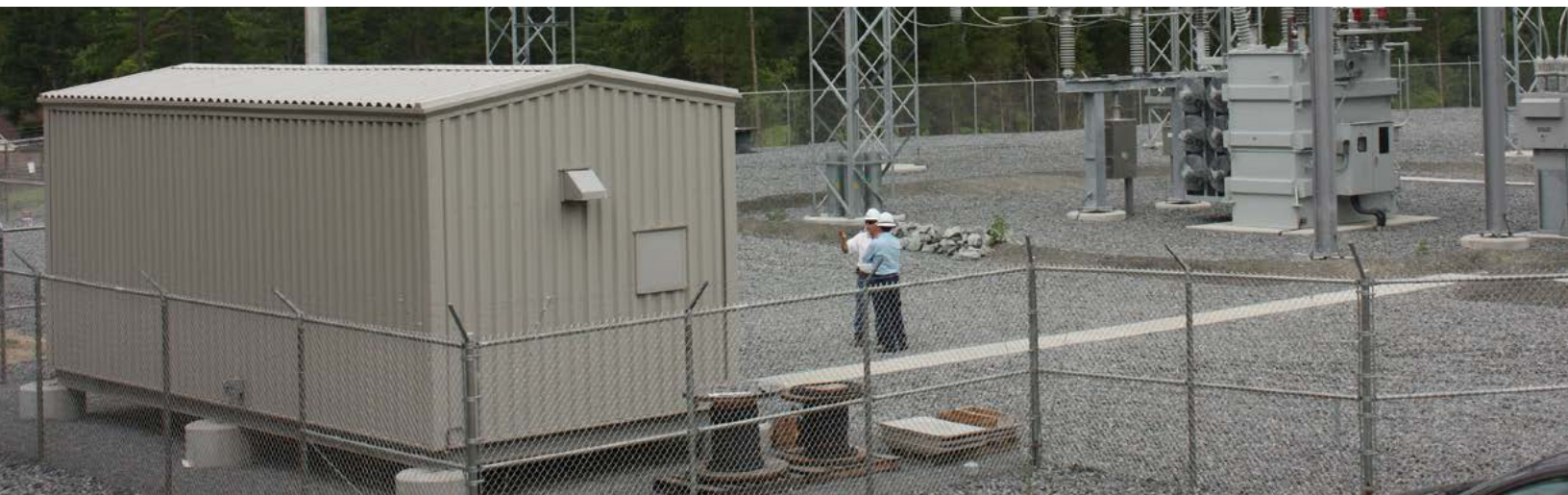
Preassembled Buildings With Floors

- ▶ Insulated, structural steel floor systems
- ▶ Standard floor loading 125PSF
- ▶ Floor deck has slip-resistant epoxy coating
- ▶ Rodent/moisture barrier
- ▶ Steel floor assemblies are lifted from base-frame mounted pick-points
- ▶ Placement on concrete piers, grade-beams, frost-walls, concrete pads, steel platforms, mezzanines, and other structures



Preassembled Buildings With No Floor

- ▶ Typically uses perimeter angle steel base frame
- ▶ Ideal for “drop-over” type projects, such as site integrated relay panels, pump equipment, and battery buildings
- ▶ Lighter and less expensive
- ▶ Uses site-poured concrete pad for building floor
- ▶ Can be placed on a curb or knee-wall for buildings requiring taller ceiling height



INTEGRATED EQUIPMENT PACKAGES

Trachte buildings are preassembled, not prepackaged. Our custom-engineered e-houses are designed in collaboration with our OEM partners around the electrical assets and the customers application requirements. This provides Trachte customers with a seamless turnkey solutions partner for switchgear, motor control, relay protection and other system-critical electrical solutions.

Types Of Integrated Equipment

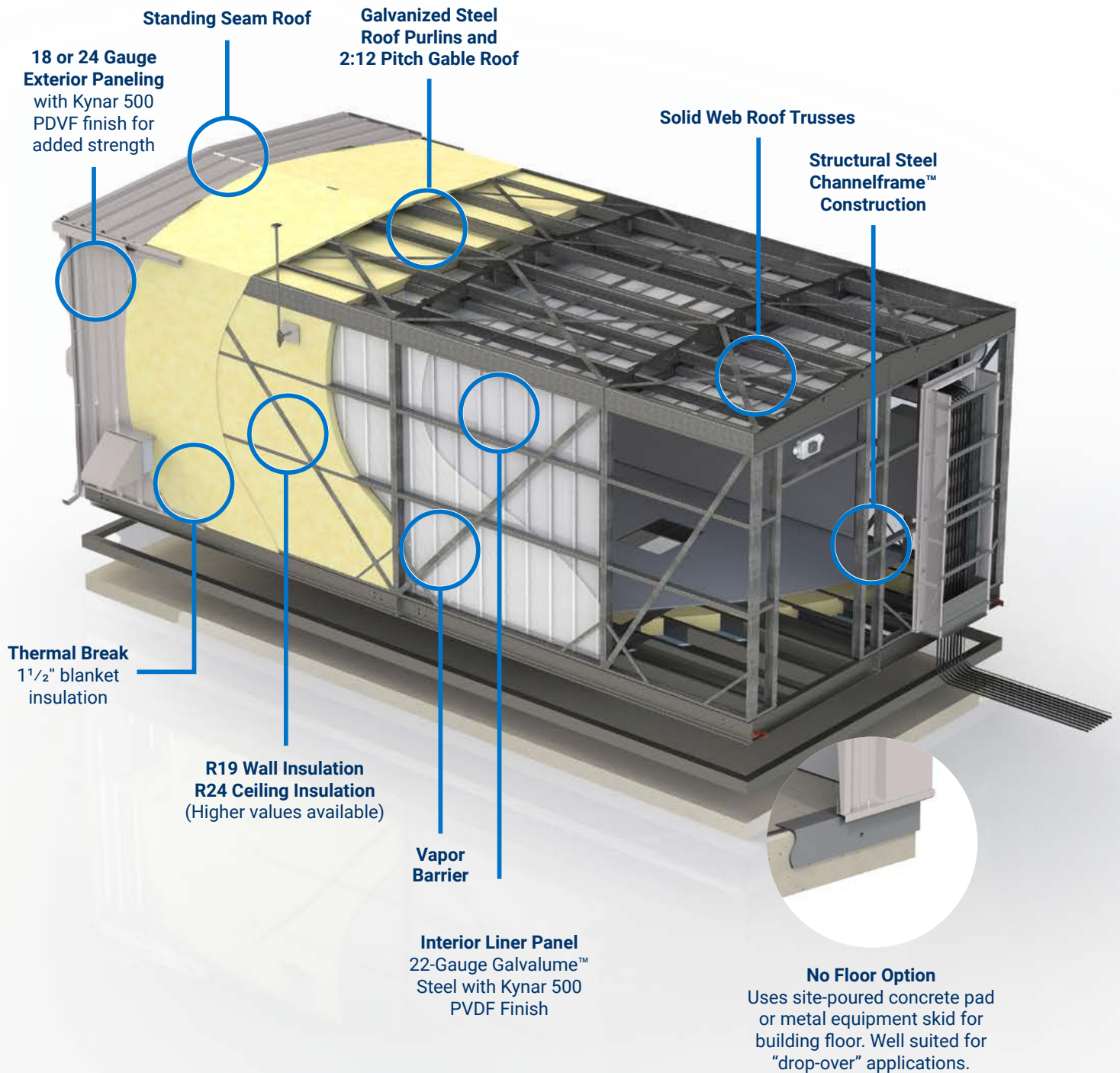
- ▶ Switchgear – Low Voltage and Medium Voltage, Air or gas-insulated
- ▶ Motor Control Centers (MCC)
- ▶ Variable Frequency Drives (VFD) for low or medium voltage
- ▶ Breaker control panels or MIMIC panels
- ▶ Marshalling cabinets
- ▶ Balance of Plant (BOP) equipment, DCS, PLC, SCADA, etc.
- ▶ Inverters/rectifiers
- ▶ Station service battery systems
- ▶ UPS & related back-up equipment
- ▶ Pumps & equipment for mechanical integration

Integrated Building Benefits

- ▶ Minimal time on-site for installation
- ▶ Compressed project schedules
- ▶ On-time delivery
- ▶ Dedicated project management resources
- ▶ Reduced engineering and procurement costs
- ▶ Installation & connection of electrical equipment in a quality-controlled environment
- ▶ Pre-shipment factory acceptance testing (FAT)



BUILDING FEATURES



SITE-BUILT SOLUTIONS

Site Built panelized buildings, known as T-RAMS (Trachte – Rapid Assembly Modular System), are field assembled, pre-engineered, all-steel buildings designed to house and protect, high-value, environmentally-sensitive electrical and mechanical equipment. T-RAMS buildings are ideally suited for remote locations, difficult-to-access sites, interior or underground applications, platform/mezzanine mounting, and other locations or applications that are unsuitable for a preassembled modular building. T-RAMS building applications include control houses, OEM equipment, LV & MV switchgear, motor control centers, and more.

T-RAMS can be shipped using a flatbed or van-style trailers for domestic applications or sent via cargo ships for international customers.

T-RAMS

- ▶ Complete internal Channelframe™ framework
- ▶ Panelized, removable steel roof panels
- ▶ Overlapping Galvalume™ steel wall panels
- ▶ Baked-on Kynar-500 polyvinylidene fluoride resin exterior coating
- ▶ 30 and 40 year exterior finish warranties on siding and roofing
- ▶ Preinstalled doors/frames
- ▶ Framed openings for HVAC & ventilation
- ▶ Thermal break between exterior and frame
- ▶ Energy efficient insulation system
- ▶ Buildings available with or without floors

Optional Features

- ▶ Double door options
- ▶ Partition walls or rooms
- ▶ Floor/wall openings
- ▶ Pre-configured electrical packages
- ▶ Foundation, skid, or platform mounting



[Click to view T-Rams Video](#)

WATCH VIDEO

BUILDING CUSTOMIZATIONS

Trachte buildings are customized to your specifications and can accommodate non-standard building dimensions, alternate exterior finishes such as split face block or stucco, and a variety of different roof designs. Customers can also choose from additional structural and electrical features such as upgraded doors, partition walls, and additional AC/DC equipment.

Protect Your Buildings with Security Add-Ons

Choose from additional security customization options to better protect critical equipment and personnel from safety threats.



Ballistics Protection

UL-rated bullet-resistant materials can be added to Trachte's structural-steel framework while maintaining energy efficiency, thermal performance, and resistance to water intrusions.



EMP Hardened Technology

Trachte applies patent-pending EMP mitigation techniques and engineered EMP-resistant materials to all points of entry and building penetrations including entry doors, HVAC openings, cable tray, and conductors.



Fire Resistant Construction

Add fire resistant materials including fire-rated doors, mineral wool, and drywall to interior/exterior walls and roof/ceiling structures to achieve an industry standard fire rating.



[Click to view EMP Video](#)

[WATCH VIDEO](#)

DESIGN & ENGINEERING

Trachte buildings have a structural steel framework, are expandable, energy efficient, and designed according to structural design load requirements, state building codes, and the National Electrical Code.

Built by the Highest Standards

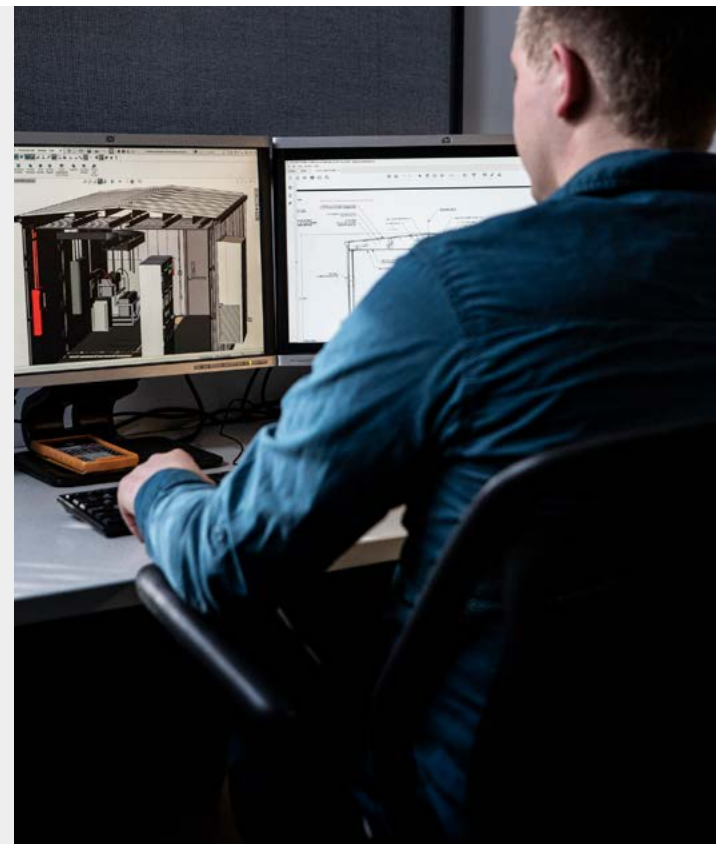
Trachte has been building high-quality buildings for our clients since 1919. And while our commitment to excellence is steadfast, we are constantly evolving our practices to align with the latest editions of American Society of Civil Engineers (ASCE), International Building Code (IBC) and National Electrical Code (NEC).

Our team collaborates with other outside experts including our third-party certification agency of manufactured structures, an energy consulting agency as well as professional structural, electrical, mechanical, and plumbing engineers as needed.



State Approvals

- ▶ Trachte is licensed in all states that require a state modular building approval program
- ▶ All buildings are inspected & certified by an independent 3rd party agency
- ▶ Every structure is delivered with state labels, third-party certification labels, and a data plate adhered to the building
- ▶ All Trachte buildings receive professionally engineered and stamped structural drawings and calculations





Quality Assurance

At Trachte, we're dedicated to following 5 pillars of quality management to ensure long-term customer satisfaction. These pillars are:

- 1. Quality Planning**
Setting objectives to meet customer needs
- 2. Quality Control**
Defined measures and activities to ensure product requirements are met
- 3. Quality Assurance**
Systematic process of measuring and continuous improvement
- 4. Quality Improvement**
Applying Lean, TQM and other techniques to identify areas of improvement
- 5. Quality Management System (QMS)**
Formal processes and procedures to plan, execute and monitor quality

Quality Management System

- ▶ CWB Weld Quality
- ▶ Certified CSA A660
- ▶ ISO Certified 9001:2015



Certified Quality



The American Society of Civil Engineers (ACSE)



The Metal Building Manufacturers Association (MBMA)



The International Building Code (IBC)



Uniform Building Code (UBC)



National Electrical Code (NEC)

SERVICES & SUPPORT

From planning to project management to production, your business is our top priority.

Professional Project Management & Support Start To Finish

From planning and scheduling to shipping and site coordination, our expert project management team provides personalized service for each and every build. Our aim is to provide customers with a predictable, efficient, high-quality experience from kick-off to final acceptance.

Dedicated Team

In addition to our expert project managers, each building project comes with dedicated support staff to ensure the highest level of quality. Support staff can include professional scheduling, design, engineering, drafting, electrical, procurement, manufacturing, shipping & site coordination, and specialized site services support personnel.

Supply Chain Management

Our professional supply chain management team handles the sourcing and procurement of all parts, components, materials and services needed. Working with our project managers to ensure the parts we integrate are available when needed and meet the quality requirements our customers have come to expect from Trachte.



Shipping & Site Coordination

Our professional shipping and site coordination team can handle the arranging, planning, permitting, staging, preparing, and loading of all Trachte buildings. Our team coordinates with experienced transportation experts and qualified over-the-road contractors to ensure oversized loads are handled with the right specialized equipment and experience to transport them safely and efficiently.

Best-in-Class Warranty

When you choose Trachte, you can feel a sense of confidence that your prefabricated building will last. For added peace of mind ALL Trachte buildings are backed by a full 2-year warranty on parts and labor. Additional warranties can be purchased to extend this protection 5, 10 or 20 years.

Protection from the elements: 30 and 40 year warranty on all exterior sections with Kynar 500 PVDF resin-based super coating.

Site Services

You trust Trachte buildings to protect what matters. Trust our experienced, efficient technicians to ensure your installation is done right. Optional site services for prefabricated buildings and enclosures include:

- ▶ Crane service
- ▶ Rigging
- ▶ Off-loading
- ▶ Setting & anchoring buildings
- ▶ Reconnecting and weatherproofing shipping-splits
- ▶ Reattaching items removed for shipping





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Contact us for more information

CONTACT US