



STANDARD SIZES

Frame Dimensions*
Sizes in blue qualify for Quick Ship Program

Side Wall Lengths

mm	ft/in
2000	6' 6 3/4"
3086	10' 1 1/2"
4000	13' 1 1/2"
5086	16' 8 1/4"
6000	19' 8 1/4"
7086	23' 3"
8000	26' 2 15/16"
9086	29' 9 11/16"
10000	32' 9 11/16"
11086	36' 4 7/16"
12000	39' 4 7/16"
13086	42' 11 3/16"
14000	45' 11 3/16"
15086	49' 5 15/16"
16000	52' 5 15/16"
17086	56' 9/16"
18000	59' 9/16"

End Wall Widths

mm	ft/in
2203	7' 2 3/4"
2375	7' 9 1/2"
3289	10' 9 1/2"
3461	11' 4 1/4"
4203	13' 9 1/2"
4375	14' 4 1/4"
5289	17' 4 1/4"
6203	20' 4 1/4"
8204	26' 11"

*Stated dimensions are for the frame of the shelter. Add 200 mm (8") to the above listed wall lengths to determine the approximate outside dimensions of the shelter. Deduct 250 mm (10") from the above listed dimensions to determine the approximate available interior area.

Additional sizes are available upon request.

Wall Height

mm	ft/in
2500	8' 2 7/16"
2750	9' 1/4"
3050	10' 1/16"
3350	10' 11 7/8"
3650	11' 11 11/16"

Clear Height

mm	ft/in
2450	8' 7/16"
2700	8' 10 5/16"
3000	9' 10 1/8"
3300	10' 9 15/16"
3600	11' 9 3/4"



TRACHTE RAPID ASSEMBLY MODULAR SHELTERS

Trachte manufactures T-RAMS as pre-engineered, all-steel equipment shelters which are intended to house high-value and environmentally sensitive electrical and mechanical systems.



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APPLICATIONS

ELECTRICAL CONTROL BUILDINGS

DROP-IN POWER DISTRIBUTION MODULES

WIND/SOLAR COLLECTOR & INTERCONNECT SUBSTATIONS

PIPELINE PUMP & MONITORING STATIONS

INSTRUMENT SHELTERS

GENERATOR ENCLOSURES

MODULAR SCADA BUILDINGS

FIBER OPTIC HUB SHELTERS

SUBSTATION CONTROL ROOMS

AIRPORT EQUIPMENT & NAV-AIDS SHELTERS

SWITCHGEAR & MCC ENCLOSURES

SKID-MOUNTED PORTABLE LABS

MECHANICAL ROOMS (CORE MODULES)

METERING & INSTRUMENTATION FACILITIES

OIL & GAS APPLICATIONS

CRITICAL UPS & INSTRUMENTATION FACILITIES

WWTP APPLICATIONS

CELLULAR & MICROWAVE SITES

EMERGENCY & PROPRIETARY RADIO SHELTERS

REMOTE MONITORING STATIONS

MEDICAL EQUIPMENT ROOMS (MODULES)

EQUIPMENT PENTHOUSES

TRANSPORTABLE REPAIR & MAINTENANCE SHELTERS

POWER DISTRIBUTION SHELTERS

COMMUNICATIONS COMMAND & CONTROL

TRANSPORTABLE ELECTRO/MECHANICAL SHELTERS

PROPRIETARY & SUBSCRIBER RADIO FACILITIES

VFD MOTOR CONTROL ENCLOSURES



From the Trachte legacy of quality comes the newest innovation in equipment protection, T-RAMS. The T-RAMS product line is manufactured and delivered in sub-sections that are optimized for transporting by all modes of common carrier: Truck and rail for ground service and ocean vessel or air cargo for shipping overseas.

T-RAMS are designed by Trachte for ease of installation either on site or at an interim OEM staging facility. A typical shelter can be assembled in two to three days.

Pre-engineered, pre-fit mechanical systems can be supplied with the T-RAMS shelter for HVAC, cable tray, basic shelter electrical system, and fire detection and suppression systems.

T-RAMS shelters are ideally suited for remote locations, OEM applications and "J.I.T." programs. T-RAMS work well in applications where electrical and other equipment integration occurs at an interim assembly location for delivery as a fully assembled and integrated solution.

Shelters are typically placed on a concrete slab, a perimeter foundation, piers, or on a Trachte-supplied structural steel floor system. The sectional, small footprint format puts Trachte shelters where you need them, even in areas such as multi-level platforms, inside existing structures, mezzanines, superstructures or catwalks. Assembly requires basic hand-held power tools and a lift assist device.

T-RAMS shelters ship inside of a specially engineered crate which firmly secures the manufactured wall and roof sections in place. This ensures that the product will arrive at the job site with the same attention to quality as when it left the factory. This crate is designed to fit inside of an ISO container for international destinations.

Our precision manufacturing process creates a product with exacting tolerances which allow you to assemble the modules in place for a tight fit, preventing water, dirt and dust penetration.



ADVANTAGES OF T-RAMS

T-RAMS shelters are engineered to be rugged and are designed to be applied in remote, severe-duty applications. T-RAMS can be engineered for extreme seismic zones for most any application and have been installed in some of the most demanding areas in the world.

For applications installed in close proximity to transformers or other high-energy electrical equipment, T-RAMS can be manufactured with fire-rated wall and door components for an added layer of protection.

Because T-RAMS is an engineered system, the shelters assemble quickly on the job site, limiting the potential for safety related incidents.

Trachte Southeast is registered to ISO 9001:2008 quality standards and manufactures the T-RAMS product under strict compliance with the quality system. This ensures that your project will be manufactured to the tightest tolerances, making field assembly a smooth process with all information documented in detailed specifications and professional project drawings.

Although the T-RAMS product has been designed for ease of assembly, our highly trained crew is ready to assist you in the field for a successful installation as well as training for future projects.

The T-RAMS Quick Ship Program gives you the opportunity to have a high-quality Trachte control shelter on site in as little as three weeks, based on standard size offerings.

Trachte can install the shelter electrical equipment prior to shipping the T-RAMS shelter, allowing you to compress valuable project lead time. In many cases the electrical can be recessed into the wall system for more convenience in design and an engineered finish for the electrical components.

T-RAMS shelters have been successfully installed in high altitude locations with high snow loading and internal heating requirements, as well as desert locations with high cooling needs and shelter pressurization systems to minimize dust penetration.



ATTRIBUTES/BENEFITS OF T-RAMS

- Non-combustible metal shelters
- Designed for extreme seismic and wind loading requirements
- Fully pre-engineered (PE Stamped drawings available in certain areas)
- Manufactured with 100% recyclable materials
- Inherent ability to reuse and relocate, designed for knock-down and reassembly
- Highly energy efficient, with high performance thermal insulation system
- Fully framed structural members from galvanized steel
- Available in a variety of standard colors
- 24-gauge exterior siding with baked on Kynar super coating over Galvalume substrate. Finish warranty of up to 40 years, based on approved application and region
- Rib-free interior steel liner panels for universal equipment mounting
- All steel, insulated doors in a variety of standard sizes
- Steel roof framing with engineered solid web trusses
- Shelters are expandable and interconnectable
- Quick ship options for standard sizes
- Non-standard sizes available

T-RAMS[®]
TRACHTE RAPID ASSEMBLY MODULAR SHELTERS