



**REFRIGERANT TANK STORAGE RACKS**

## REFRIGERANT TANK STORAGE RACKS

Welded steel refrigerant tank racks for commercial trucks, vans, shops, cages, and organized cylinder storage.

- Horizontal truck racks mount to commercial ladder racks in two positions using secure U-bolts and a locking chain for tank retention.
- 30 lb refrigerant cylinders are standard; 50 lb cylinder racks, vertical van towers, cages, and custom pallets can be quoted.
- Empire can ship racks loose, install on your vehicle, or provide welded/custom installation when quoted.

MATERIAL	<b>Welded Steel</b>
CYLINDER SIZE	<b>30 lb standard</b>
FINISH	<b>Black or white paint</b>

### CONSTRUCTION STANDARD

<b>Application</b>	Refrigerant tank storage racks for service trucks, commercial ladder racks, vans, shops, storage cages, tank pallets, and organized cylinder storage areas.
<b>Material</b>	Welded steel construction is standard for refrigerant tank racks, towers, cages, and pallets.
<b>Tank sizes</b>	30 lb refrigerant cylinders are standard. 50 lb cylinder racks and custom cylinder sizes can be quoted when dimensions are provided.
<b>Truck mounting</b>	Horizontal truck racks are designed to mount to commercial ladder racks in two positions using secure U-bolts.
<b>Retention</b>	Racks feature a locking chain to help retain cylinders during normal vehicle use and keep tanks organized for service work.
<b>Finish</b>	Black or white painted finish is typical. Other paint colors or finish requirements can be quoted.
<b>Quality check</b>	Racks receive visual inspection before release. Vehicle suitability, load rating, regulatory acceptance, and field use are by others unless quoted.

### BUILD QUALITY



**Made to spec**

Built to cylinder size, rack location, and vehicle layout.



**Built tough**

Welded steel construction for daily service use.



**Secure retention**

Locking chain helps keep cylinders organized and retained.



**Install ready**

Shipped loose or installed by Empire when quoted.

## FABRICATION CAPABILITIES

<b>Truck racks</b>	Horizontal refrigerant tank racks for commercial truck ladder racks with U-bolt mounting and chain retention.
<b>Van towers</b>	Vertical refrigerant tank towers for van applications, side-door access, and organized cylinder storage.
<b>Custom storage</b>	Custom racks, storage cages, tank storage pallets, bulk storage frames, and shop organization racks.
<b>Mounting</b>	Ladder-rack mounting, floor mounting, wall mounting, welded installation, custom brackets, and vehicle-specific layouts as quoted.
<b>Shop details</b>	Locking chains, U-bolts, saddles, cradles, mounting tabs, shielded lock points, labels, and finish details as quoted.
<b>Release support</b>	Built from vehicle photos, ladder rack dimensions, cylinder counts, sketches, or drawing packages with installation responsibilities clearly identified.

## BUILD OPTIONS

### Truck racks

Horizontal racks mount to commercial ladder racks in two positions with secure U-bolts.

### Van towers

Vertical tower racks are available for vans and shop access where horizontal racks do not fit.

### Tank sizes

30 lb refrigerant cylinders are standard; 50 lb racks and custom cylinder sizes can be quoted.

### Installation

Racks can ship loose, be installed by Empire, or be custom welded to the vehicle when quoted.

## RACK OPTIONS



TRUCK

### Horizontal rack

For ladder-rack mounted service truck cylinder storage.



VAN

### Vertical tower

For van layouts and side-door cylinder access.



CAGE

### Lockable storage

Custom cages for shop or yard refrigerant storage.



PALLET

### Bulk storage

Tank storage pallets and movable shop storage frames.

## OPTIONAL ACCESSORIES

### Retention

Locking chains, straps, shielded lock points, and tank-specific cradle details.

### Mounting

U-bolts, floor/wall mounting, custom brackets, vehicle-specific tabs, and welded installation.

### Cages / pallets

Lockable cages, storage pallets, bulk frames, forklift pockets, and ventilated panel options.

### Finish details

Black paint, white paint, labels, piece marks, touch-up, or custom finish requirements.

## REQUIRED FOR QUOTE / RELEASE

Rack type: horizontal truck rack, vertical van tower, shop rack, lockable cage, or tank storage pallet.

Cylinder size and count, including 30 lb standard, 50 lb, recovery bottles, or any custom cylinder dimensions.

Vehicle photos, ladder rack tube size, rail spacing, mounting location, side preference, and available clearance.

Finish color, locking chain/strap requirements, U-bolt details, install by Empire, ship loose, or welded/custom installation.

Anchoring, forklift pockets, cage panels, labels, piece marks, and any site or vehicle-specific requirements.

## APPLICATIONS & DETAILS



### APPLICATION DETAIL

#### Truck ladder-rack storage



Horizontal welded steel racks mount to commercial ladder racks with U-bolts and retain tanks with a locking chain. Rack length, cylinder count, spacing, mounting points, and lock or restraint details can be coordinated around the service vehicle.

### APPLICATION DETAIL

#### Van tower layouts



Vertical towers can be built for van interiors where floor space, cylinder count, and service access drive the layout. Shelf spacing, base attachment, cylinder retention, door clearance, and loading access should be confirmed before fabrication.



### APPLICATION DETAIL

#### Installed truck racks



Empire can install racks on customer vehicles; welded or custom mounting work can be quoted when the truck layout requires it. Vehicle condition, rack location, drilling or welding scope, finish touch-up, and customer-supplied hardware should be reviewed in advance.

## NOT INCLUDED UNLESS QUOTED

- Vehicle ladder rack, vehicle structural modifications, cylinder padlocks, cylinders, or inventory labels unless quoted.
- Regulatory compliance certification, DOT/EPA/OSHA interpretation, load certification, permits, inspections, or listed-system certification.
- Vehicle wiring, body work, paint repair, field modifications, or rework from changed vehicle dimensions unless quoted.

## SCOPE & RESPONSIBILITY

**Code note:** Refrigerant cylinder storage may be governed by vehicle requirements, site rules, company safety policy, DOT/EPA/OSHA requirements, local code, and AHJ direction. Empire fabricates racks to released dimensions and quoted scope; final cylinder handling procedure, vehicle suitability, anchorage acceptance, regulatory interpretation, and field use remain the responsibility of others unless expressly included.

## READY TO QUOTE?



### Let's get your project moving.

Send drawings, sketches, photos, or field measurements. Empire is ready to go to work for you.

[quotes@empiremetalproducts.com](mailto:quotes@empiremetalproducts.com)

602-424-9980