

**THE PERFECT FIT
FOR YOUR
TOUGHEST JOBS**

**A CUSTOM
INSTALLATION TO**

OPTIMIZE THE CARGO SPACE

**OF SMALL VEHICLES IN
URBAN AREAS**

INCREASED STORAGE SPACE

Ranger Design helped a large utility fleet downsize its vans for a better fit in urban areas, all while maintaining the same amount of storage space.

RANGERTM
DESIGN

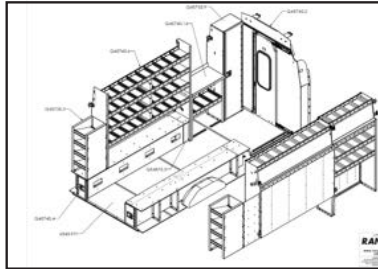
Objectives

Our goal was to develop a downsizing solution that would provide a more city-friendly driving experience without diminishing service capacity.



DOWNSIZE FLEET VANS

- Better maneuverability in urban areas
- Increased fuel economy



OPTIMIZE SPACE

- Utilization of entire cargo area
- Less wasted space and better shelf placement



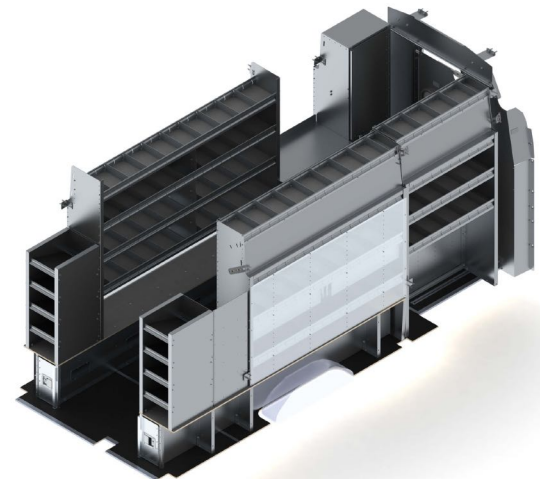
IMPROVED ACCESSIBILITY

- Easy-to-reach shelving
- Small tool holders built near the door for quick access

Solution

- Special locking door units for storage extra-long pipes
- Aluminum product to maximize payload
- Customer outer-facing shelf built in front of the side door for easy access to tools without having to enter the vehicle

This package was designed to get the most out of the available cargo space.



Challenges

Decreasing van size while increasing storage space. The main challenge here was downsizing the fleet vans from box trucks to the Ford Transit without sacrificing storage. Our engineering team worked to create a lightweight aluminum package that maximized use of the cargo area once the vans had been downsized by 26 percent.

Creating ergonomic storage solutions. Another issue was finding room for all the items needed at the job site. We had to create an area for long pipes that were usually left loose on the floor. We came up with a design for extended pipe holder cabinets installed under the shelves. These kept the pipes from rolling around freely while also taking advantage of an infrequently used area of the van.

Ensuring easy access to tools and equipment. To grant technicians quick access to their tools, a shelf was created across the side door of the van to make it possible to reach the tools without necessarily entering the vehicle. In addition, holders for small, loose parts were built into the back doors so that technicians would be able to reach the tools they use most from the ground.

CUSTOMER SERVICE

cs@rangerdesign.com

1-800-565-5321

rangerdesign.com

