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TM10154 (10/11)

## Reach™: The All-New, Sensible Walk-in Commercial Van from Isuzu and Utilimaster



**In the world of commercial vehicles, the introduction of a truly new vehicle is a rare occurrence. That's why the all-new Reach™ is so important. Everything you believe about what a commercial van can do—and what it can do for your business—is about to change.**

### **The Reach has what today's business owners want:**

- A true commercial-grade vehicle that delivers reliable performance year after year.
- A timeless style that will still look great ten years from now.
- Fuel-efficient design—thanks to its lightweight, aerodynamic Utilimaster body and efficient Isuzu diesel powertrain, the Reach delivers up to 35% better fuel economy\* than a traditional commercial van.
- Reach is the first in its class to offer Selective Catalytic Reduction (SCR) technology with Diesel Exhaust Fluid (DEF) injection, which reduces NOx levels in engine exhaust by 85%.
- A time-efficient design; thanks to its low step-in combined with its pass-through design—drivers can get in and out and back on the road quicker than ever.

Altogether, these features provide you with a commercial vehicle that can “reach” a wide range of vocations -- everything from package delivery to food distribution, contracting to cleaning services, and moving and storage to heating and air conditioning.

\* Compared to class 3-5 commercial walk-in vans; testing conducted by independent, certified party.



Low step-in and step-out. Optional stepwell liners shown.



Optional stepwell safety tread and reflector kit shown.

## **Reach™ for a Lower Cost of Ownership**

The beauty of the Reach is its ability to dramatically lower your cost of ownership, no matter what kind of walk-in van you are using today.

Here's how Isuzu and Utilimaster achieved such astonishing fuel economy and a lower cost of ownership:

**Engine & Powertrain:** It starts with the state-of-the-art Isuzu 4JJ1-TC 3.0-liter turbocharged four-cylinder diesel engine, standard in every Reach commercial van. This powerful, economical, long-lasting example of Isuzu engineering has been proven in demanding business applications around the world.

The 4JJ1-TC's dual overhead camshafts eliminate push rods to minimize power-robbing friction. Its common-rail fuel injection system wrings the energy out of every drop of fuel, and a cast-aluminum cylinder head reduces weight while four valves per cylinder ensure optimum breathing efficiency.

The standard Aisin heavy-duty, six-speed automatic transmission has been specifically engineered to partner with the Isuzu diesel engine to achieve optimal performance and economy. Its double overdrive reduces fuel consumption and engine noise at highway speeds, plus the automatic lock-up torque converter in second through sixth gears reduces engine heat and virtually eliminates power loss.

**Lightweight Aerodynamic Van Body:** Isuzu's fuel-efficient powertrain is mated to a versatile Utilimaster body designed to be as economical as it is practical.

Utilimaster employs impact-resistant, lightweight molded body panels. The structural components are a hybrid of aluminum and highly-engineered polycarbonate sandwich panels—the end result is a corrosion-resistant body that is 600 pounds lighter than walk-in vans of equivalent lengths.

In addition, extensive wind tunnel testing optimized the Reach body shape. This aerodynamic design cuts through the air with a drag coefficient that is 13.1% lower than current competitive vans.

**Ecological Throughout:** Improved fuel economy not only reduces your cost of ownership but it helps the environment as well, and one of the Reach's advantages is its small carbon footprint.

The Reach's engine meets the most stringent emissions standards in the world. Isuzu's 4JJ1-TC engine comes with Selective Catalytic Reduction (SCR) technology with Diesel Exhaust Fluid (DEF) injection reducing NOx levels in engine exhaust by 85%.

Another eco-friendly feature is that the Reach's body stepwell liners and front wheelwell liners are molded from recycled tire product.

**What This All Means to You:** Every Reach that replaces a conventional walk-in van will significantly reduce fuel consumption and exhaust emissions.

- Replacing a van driven 20,000 miles/year with a Reach commercial van can save 1,000 gallons of diesel fuel and reduce carbon dioxide emissions by more than 11 tons every year!

This is more than a mere improvement—it is a lower cost-of-ownership revolution.

Now uncompromising performance with an ecological advantage is within *Reach*.



Optional stepwell safety tread and reflector kit shown.



Impact resistant body panels.

## **Additional Reach Benefits**

Reach distances itself from other commercial vehicles, thanks to a van interior that is extremely quiet and driver efficient. The driver's seat is only one step from the cargo area, either a 12 ft. or 14 ft. walk-through workspace.

Another important benefit—inside the Reach are integrated “logistic track” quick attach tracks. They make it quick and easy to install popular vocational packages using simple quarter-turn fasteners—allowing the Reach to quickly adapt to your existing or future business needs.

## Reach™: A Design that Puts Safety and Productivity First



### Reach is available in two models:

- 151-inch wheelbase with 12-foot body
- 151-inch wheelbase with 14-foot body

The interior provides 540 or 630 cubic feet of storage plus up to 27 inches more headroom than a conventional cargo van and ten inches more aisle width than a European van. The Reach's cargo area enables your drivers to quickly and easily accomplish their jobs without crawling on their knees or leaving product back at the shop.

Some of the Reach's features are obviously intended to enhance safety, such as the vehicle's highly visible tread-grip carbide entry steps, integrated yellow cab-entry handle, ergonomic dashboard controls, and optional back-up camera with seven-inch LCD color monitor.

Some safety items are more subtle and reflect how thoroughly the Reach's designers understand the needs of a commercial work truck. For example, the Reach's step-in is a mere 15-inches from the ground, enabling the average driver to easily enter and exit the vehicle. Likewise, the 80-inch-high interior work area and 50-percent wider aisle allow larger, taller drivers to safely and comfortably work upright inside the vehicle.

The Reach's 4JJ1-TC diesel engine is not just powerful, durable and economical—it's also surprisingly quiet. In fact, it's substantially quieter than diesel engines found in current walk-in vans. This reduces driver fatigue, thus increasing driver safety.

Even the Reach's cab and windshield have been designed to increase visibility. Whereas traditional vans have a sizeable blind spot directly in front of them, Reach drivers can see the road as close as 106 inches away. Reach drivers have an expansive view when working in tight areas or on residential job sites.



A panoramic windshield for more viewable area.

**Applied Ergonomics:** Ergonomics are just as important under the hood as they are in the cab. The engine compartment provides easy access to common maintenance items; wire routing and connections are conveniently placed, brake fluid, the high-capacity 1.2-gallon windshield washer fluid reservoir, fuse block and snap-fit battery cover are all, appropriately enough, within easy *Reach*.

Even the engine location was designed for maximum legroom, allowing for easy driver ingress and egress.

The chassis design offers another plus: a tight turning radius that makes maneuvering the Reach quick and easy. In fact, the Reach offers the turning radius of a conventional cargo van—but with double the cargo capacity.



Front engine and component access under the hood.



Engine access from the cab area.



The brake fluid reservoir has an access panel with a viewing window. The park brake is left of the driver's controls.



## Integrated Safety

Attention to detail is the hallmark of the Reach design—especially when it comes to driver safety.

## Ingenious Design



For some, the Reach's greatest competitive advantage is the clever flexibility of its interior design. Multiple design features maximize the Reach's vocational utility.

The Reach offers a versatile interior space that can be tailored to your particular needs through a variety of vocational packages. These integrated vocational modules take full advantage of the Reach's impressive interior height and width and are engineered for quick and easy installation without drilling or additional body modifications.

Reach vocational packages are available factory- or dealer- installed.

Reconfiguration is as simple as installation. Vocational modules are designed with quick quarter-turn fasteners for ease of installation—or removal—in minutes.

The Reach offers maximum cargo capacity. By comparison, traditional cargo vans can lose up to 134 cubic feet of usable cargo area/shelving due to the large, curbside cargo doors that slide open for entry to the cargo area.



Versatile interior space with maximum cargo capacity.



Composite floor with slip-resistant vinyl floor overlay.



Track mounting accommodates a variety of vocational upfits.



The engineers spent years devising ways to improve commercial vans and maximize delivery time-savings.

The driver cab sliding door requires less time to exit and enter the cargo area than vans with conventional hinged front doors.

The walk-through design keeps team members safe and out of the weather. Conventional cargo vans require the driver to exit the vehicle, walk around the vehicle, then re-enter through the side or rear doors. The Reach's unique walk-through configuration can save seconds per stop, minutes per day, and hours per month.



## Improved Driver Productivity

For safety, ease of use, flexibility, productivity, and lower overall cost of operation, the Reach truly achieves new heights.



The true beauty of the Reach™ is its appeal. It's the ideal choice for a wide range of businesses—businesses that play a vital role in every community:

Moving and Storage Companies

Contractors—Plumbing, Electrical, HVAC

Home Health Care Providers

Locksmiths

Lease/Rental Companies

Appliance Delivery and Repair

Airports

Municipalities

Florists

Food Distributors

Catering Companies/ Restaurants

Bakeries

Package Delivery Companies

Parts Distributors

Secondhand Stores

Cable Providers

Consumer Electronics/ Home Theater Retailers/ Installers

Janitorial Services

Pet Care Providers



## Reach Out and Drive Your Business With Greater Efficiency

### Reach for Unmatched Reliability and Durability

Not all commercial vehicles provide long-term reliability and a cost of ownership with a true return on investment. Once again, the Reach delivers.

That's not just a promise. Of the more than 400,000 Isuzu-built diesel trucks sold in North America since 1986, more than 81 percent are still registered and in service today—a testament to their strength and dependability.

The Reach's body has been designed to last as long as its engine. The materials used in the construction of each body panel have been carefully evaluated and selected for durability, impact resistance, functionality, corrosion resistance, thermal and sound insulation qualities and recyclability. Moreover, the Reach panels can be easily repaired and replaced.

In addition, the Reach features rear spring and energy-absorbing bumpers to reduce the chance of damage in minor collisions.



Energy-absorbing rear bumpers.

### Uptime All the Time

All of the Reach's body panels, including its rear doors, are crafted of durable composite materials that are inherently corrosion resistant.

In the event that replacement panels are required, they're supplied in the vehicle's final color and have been designed for quick removal and installation—minimizing downtime.



The Reach offers you peace of mind with a three-year, unlimited-mileage Isuzu engine and drive-train limited warranty\*—and the support of a nationwide network of more than 280 Isuzu dealers with factory-trained technicians and Isuzu's proven 98% engine parts fill rate.

**The bottom line:** There has never been a commercial walk-in van like the economical, clean, capable, flexible, driver-friendly, durable Reach. The engineers wouldn't offer you anything less. Isuzu and Utilimaster have created this ground-breaking vehicle that will change what you will expect and demand of your commercial vans.

Join the revolution. Put fuel economy, reduced emissions, convenience, practicality, productivity and reliability within your fleet... by putting them in your Reach.

\* See your authorized Isuzu dealer for warranty details.



**Reach™:**  
**It's All About the Benefits**



The optional rear view camera with overhead monitor eases reverse maneuvers and improves overall safety.



Collapsible side mirrors provide great angle of view.



Transmission selection dash mounted for unobstructed driver convenience.

## REACH WALK IN VAN

GVWR	12,000 lbs.
<b>PAYLOAD</b> (preliminary)	12ft. @ 3,408 lbs./14ft. @ 3,267 lbs.
<b>GAWR</b>	
Front	5,360 lbs.
Rear	8,840 lbs.
<b>FRONT AXLE CAPACITY</b>	6,830 lbs.
<b>REAR AXLE CAPACITY</b>	11,020 lbs.
Ratio	5.125
<b>SUSPENSION F/R SPRINGS</b>	Tapered/Multi-Leaf
Capacity	6,830/9,880 lbs.
<b>FRAME</b>	
Section Modulus	6.07 in. <sup>3</sup>
Resistance Bending Moment	267,080 lb.-ft./in.
<b>SERVICE BRAKES</b>	Vacuum/Hydraulic with 4-Channel ABS
Front/Rear	Disc/Drum
<b>EXHAUST BRAKE</b>	Standard
<b>TRANSMISSION</b>	Aisin A460 6-speed auto. with double overdrive and lock-up 2 <sup>nd</sup> -6 <sup>th</sup> gears
<b>ENGINE</b>	Isuzu 4JJ1-TC turbocharged intercooled diesel
Displacement	3.0L (183 in. <sup>3</sup> )
Engine Power	150hp @ 2,800 rpm
Engine Torque	282 lb.-ft. @ 1,600-2,800 rpm
Oil Level Indicator	Dash-mounted oil level check switch and light
<b>LIMITED SLIP DIFFERENTIAL</b>	Optional
<b>ALTERNATOR</b>	140-amp
<b>BATTERIES</b>	2 Maintenance-free 750-CCA
<b>TIRES</b>	215/85R16E (10-ply)
<b>STEERING</b>	Integral hydraulic power
<b>STEERING COLUMN</b>	Tilt column
<b>FUEL TANK</b>	25 Gallon in-rail
<b>FUEL/WATER SEPARATOR</b>	Dual fuel filter with dash-mounted indicator light

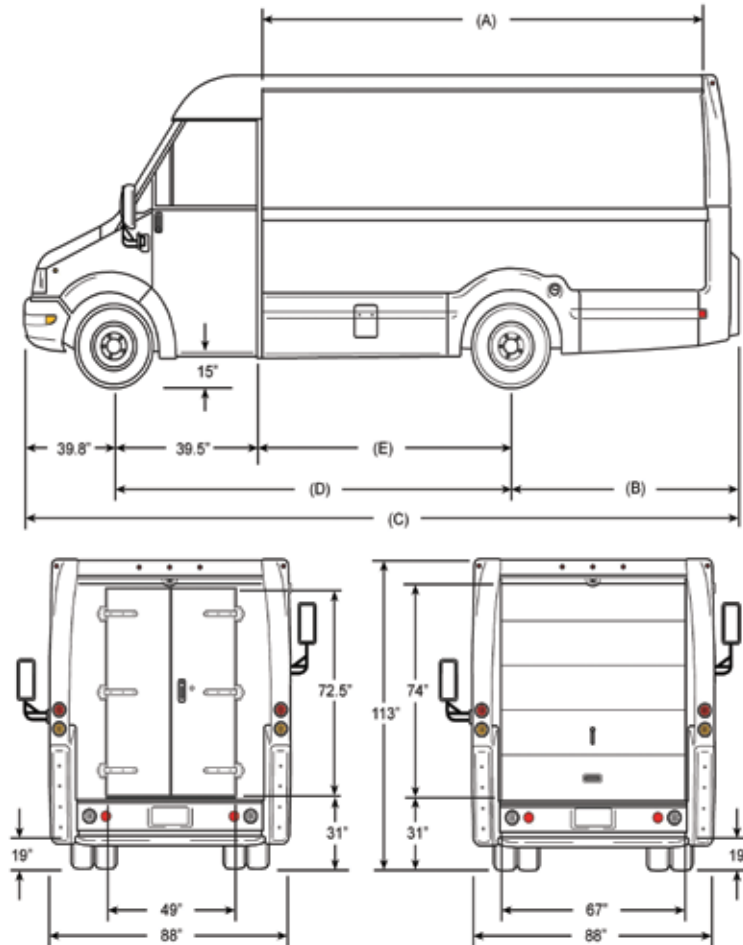


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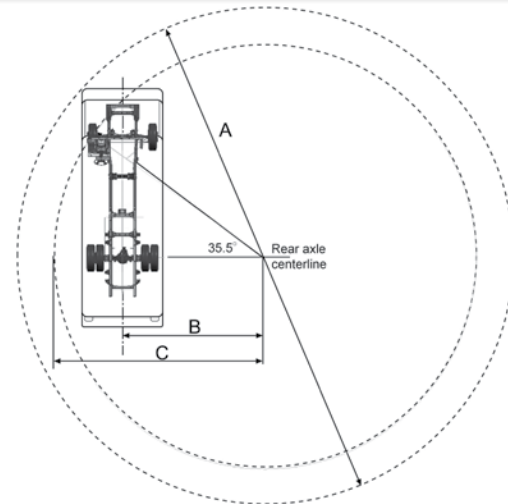
## Reach™ Specifications

### REACH BODY DIMENSIONS

Dimension	Description	12'	14'
A	Cargo Floor Length	150.9"	171.0"
B	Behind Rear Axle	69.8"	89.9"
C	Overall Length	260.9"	281.0"
D	Wheel Base	151.0"	151.0"
E	Bulkhead to Axle	94.6"	94.6"

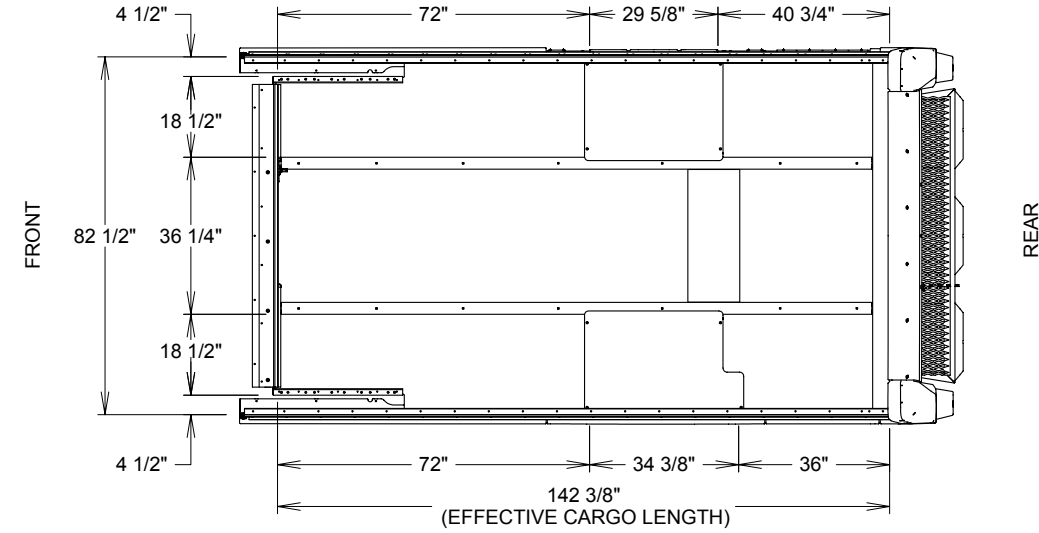


### TURNING RADIUS

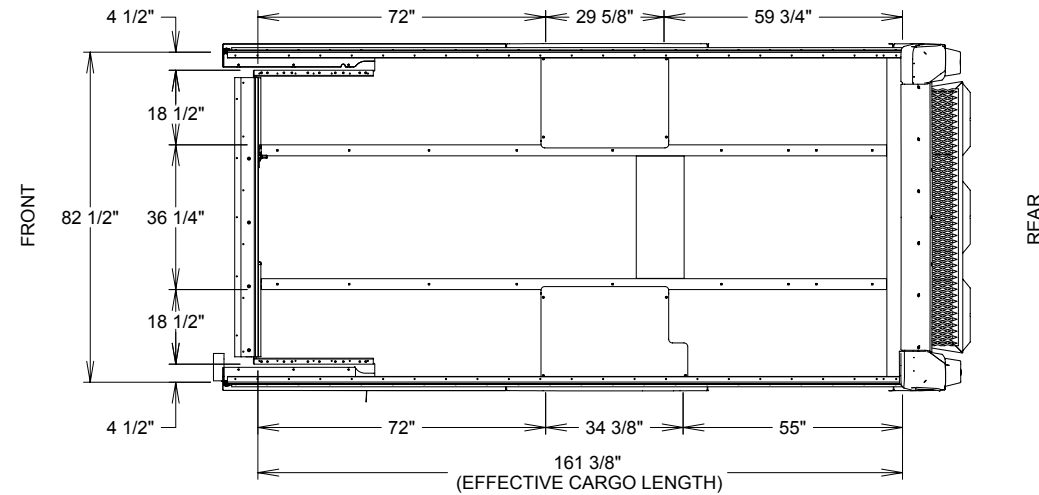


DIM A	DIM B	DIM C
46 ft.	182.26 in.	263.58 in.

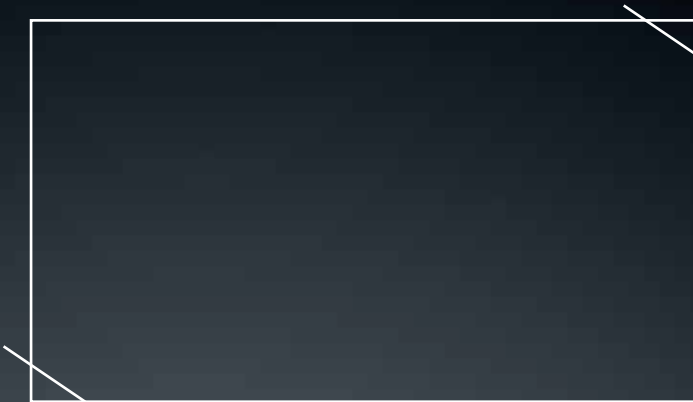
## 12 Ft. Body



## 14 Ft. Body



## Build Your Module FLOORPLAN WORK-SHEETS



Utilimaster, the vocational expert, offers pre-designed trade packages for installation by your Isuzu dealer. The same professional grade packages can be factory installed into your Reach van at the time of manufacture. These solutions are modular and provide complete flexibility for rental applications or changing route conditions. Trade packages can be quickly removed and easily reinstalled with simple quarter turn fasteners. Choose from pre-designed trade packages or allow the productivity experts at Utilimaster to custom design a package for your operation.