

PIERCE PUC



Pierce

“I want an apparatus that’s easy to use. Give me more compartment space, and a lower hosebed and crosslays. I want true pump and roll, and a rig that’s easy to service. Shorten the wheelbase too, and make designing the truck flexible so I can get it the way I want it and not have to constantly work around the pump and pumphouse.”

“So, can you build me something like that?”

PUC changes everything.

Today’s fire departments told us what they want in a first response vehicle. A vehicle that dramatically reduces operational steps. Make it safer to use and operate. Provide easy access for easier servicing. Allow for better organization with more compartment space. And design greater conveniences to work faster, and all in a rig that’s still highly maneuverable. To accomplish all that – well, no one could accomplish all of that. Until now. No more compromises. PUC - the Pierce® Ultimate Configuration - changes everything.



+ **Easier to use. Easier to stay safer.
Easier to store more. Easier to service.
Easier to maneuver.**

Smart. Easy. PUC.

The Pierce® PUC is an industry-changing multi-purpose response vehicle.* It’s the first modern tilt cab emergency response vehicle designed specifically for the response duties of today’s fire services. The PUC eliminates the pumphouse so you can build your apparatus around your needs and not the pump. It minimizes the vehicular space used for fire suppression and maximizes the space for tools and equipment. Yet it still provides big pump, foam and CAFS capabilities for when they’re needed. PUC eliminates the need to build the entire body around the pump and the pumphouse. And it’s the first apparatus that offers the most complete single-source build, from the chassis and body, right down to the pump. PUC is available with all Pierce custom chassis.

PUC is available on Pierce custom chassis pumpers, rescue pumpers, top mount pumpers and the 75’ aluminum aerial ladder.



* U.S. patent pending

PUC configurations now available on the top mount pumper and 75' aluminum aerial ladder.



Top Mount PUC:
No increased wheelbase
True pump and roll
Enclosed access steps



75' Aluminum Aerial Ladder PUC:
Additional 27 cubic feet of storage space
Up to 5" shorter wheelbase than standard aluminum aerial
Lower crosslays
True pump and roll



Easy. Does it.

Step 1.
Step 2.

That's it. Want more steps to operate your pump? You'll have to go elsewhere.

Simplifying operations under extreme conditions means less opportunity for things to go wrong. Pierce believes in making things easier and more intuitive while helping you do your job better. And smarter. And safer. With PUC, easy begins at the pump. Two-step technology reduces shift operations to two easy steps while removing the traditional grinding and uncertainty of putting a traditional mid-ship pump into gear. The park-to-neutral feature places the transmission into neutral automatically when the parking brake is set. The single-touch water-foam CAFS suppression selection located on the dash has the system up and functional before the operator is out of the cab.

Get true pump and roll as standard

Single-touch water-foam CAFS selection on the dash



PUC side mount pump panel

Get Pumped.

The 1500 gpm pump (rated for draft) weighs 30% less than most existing pumps on the market. With a laundry list of high-performance features and true pump and roll capabilities as standard, you're ready to perform, whatever the situation.

It's a pump built for performance, and we stand behind it with a 6-year standard warranty.

We enclosed the pump operators panel on the side mount to keep it clean of grime, grit, and moisture. The next generation Control Zone™ pump panel is designed to fit the way you work with:

- Large lever control handles that lock to prevent valve creep under pressure
- Multi-functional pressure governor
- Extra large engine RPM display
- Fuel level monitoring
- Pump prognostics



PUC top mount pump panel

PUC is available as a side mount, top mount or 75' aluminum aerial ladder.

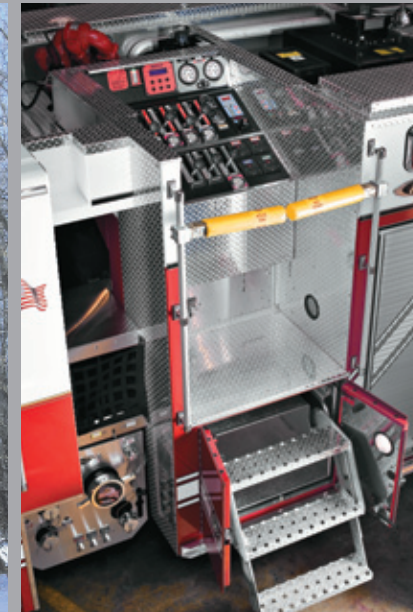


A safer place to be.

Safety is built into every product we make. But we've raised the bar with the PUC which boasts an impressive list of features – like positioning the pump operator next to hose connections instead of over them. And incorporating chest height crosslays, chest height ladder storage, ladder access to hosebed, 8"-12" lower hosebeds, and stokes/backboard storage that you can reach from the ground – where you belong.



The folding ladder is angled for a safer climb



Top mount access steps are located to the side of the hose connections so steps are free of hose obstruction at the scene



Chest height crosslays



Stokes/backboard storage



You get walk-up access to the pump panel, and pump panel positioning adjacent to the hose connections so there's no more straddling or stumbling over hoses.

We were sure to put our industry-leading safety features into the PUC. Including the VLH® caps that release pressure before the cap is removed, the Tire Protection system which helps you maintain control of the vehicle in a blowout and Side Roll and Frontal impact protection that protects you and your crew in an accident. By coupling these features to the Command Zone™ advanced electronics for real-time diagnostics, and the TAK-4® independent front suspension that enhances handling and increases stopping distance by up to 23%, you get more safety features than any other apparatus on the market today.

We're giving you space. And then some.

You asked. We answered. Your responsibilities continue to change. Carry more gear, more equipment - be ready for any call. The PUC features 26" deep compartments and up to 500 cubic feet of big, clean, uncluttered storage space with covered raceways, recessed shelf tracks and bright strip lighting that reduce shelving shadows and give excellent night-time visibility.

PUC also features a long list of optional 500lb sliding floor trays, dividers, tilt-out shelves, swinging tool boards, and reel mountings. You can configure any of them with the roomy Pierce® "jump-off" compartment near the rear of the passenger side cab door for EMS, rescue or turnout gear or whatever you decide to store.

Pierce "jump off" compartment - provides additional storage due to the unique pump location (traditional pump panels normally occupy this area)

Chest height ladder storage



PUC is available in both pumper or rescue pumper body styles.



Space-saving rear folding work platform allows for easier access to the hosebed.

Space-saving ladder stores easily and efficiently.

A tremendous body of work.

The PUC body incorporates space-enhancing formed construction supported with the legendary Pierce® underslung system, consisting of 3/8" high strength lateral frame extensions. These extensions are mounted right off the chassis frame rails for a true, rock solid substructure that cradles the body floors. From welding our bodies to using custom fasteners, Pierce is dedicated to quality construction with your safety and performance in mind. And while aluminum is standard, premium 304L stainless steel construction is optional, so you still have a choice. No matter what style, the Pierce body and support structure feature a no-nonsense 10-year structural warranty. From frame to finish, no one builds apparatus like this.

You can also choose from the strongest, automotive-style hinged/lap doors in the industry with extra large quarter inch diameter hinge pins and dual gaskets for a tighter fit and double protection for the equipment inside. Or we offer a roll-up door designed and built exclusively for Pierce that carries a lifetime mechanical and 10-year paint warranty.



It's easy to go full tilt.

A truck in for service is a truck out of service. Your apparatus should spend more time on the front line protecting communities and less time in the shop being serviced. The PUC is the answer for easier maintenance for the plumbing and valves. PUC full-tilt access means no disassembly time to get to the problem - meaning you spend minutes – not hours or days – to rebuild a valve.

If down the line you need to rebuild the pump, just simply remove the intake wye and you have complete “above the frame” access to the pump’s wear ring, impeller, shaft, and mechanical seal which will literally take days out of the rebuild process.

And because of the pump position above the frame, there’s no more lying on your back underneath the truck.

Go easy on yourself and your maintenance crew. Go full tilt with PUC.



A turn for the better.

Normally when there’s an addition there’s a subtraction. That’s not the case here. PUC turns it up a notch with wheelbases as short as 172” (depending on body and chassis). To further improve maneuverability, a fold-up rear work platform is cleverly designed into the tailboard compartment that keeps the overall length to a minimum while improving the angle of departure. Combine that with the Pierce® TAK-4® independent front suspension and 45° cramp angles, and you’ve got an apparatus that makes handling and turning easier - more like an SUV than a traditional apparatus.



Invest in the future.

When selecting a new emergency response vehicle sometimes it’s tempting to consider only the initial investment and not consider department performance and service costs over the life of the apparatus. By evaluating the long-term investment of an apparatus designed to perform in the increasingly challenging and complex world of emergency response, you’re getting a unit built for the long haul that’s easy to maintain and service when necessary.

The PUC was developed based on the ever-changing needs of the fire industry and what firefighters and mechanics across the country have been requesting. Pierce single source engineering, manufacturing, service and parts support and the strongest dealers and representatives in the industry ensure you’re ready to perform, easily and effectively – for the long run.



PUC[®] SPECIFICATIONS

CHASSIS CHOICES	All Pierce custom chassis (Velocity, [™] Impel, [™] Quantum, [®] Arrow XT [™] and Saber [®])
TANK CAPACITIES	Up to 1600 gallons / lifetime warranty
ELECTRICAL SYSTEM	Color coded every 3" / harnesses loom-protected
BODY WARRANTY	10-year structural
STAINLESS STEEL PIPING WARRANTY	10-year
PUMP WARRANTY	6-year
WHEELBASE	172" - 212" (depending on body size and chassis)
PUMP AND ROLL	Standard
COMPARTMENT SPACE	150 - 500 cubic feet (depending on body size and chassis)
COMPARTMENT LOAD RATING	Up to 800 pounds each
BODY MATERIAL	Aluminum standard, 304L stainless steel optional
BODY SUPPORT SUBSTRUCTURE	Lateral frame extensions
PUMP PANEL	Pierce [®] Control Zone
PLUMBING	Stainless steel 10-year warranty
PUMP RANGE	1250 -1500 gpm

* U.S. patent pending

Experience the PUC for yourself.

Call your Pierce representative or go to www.piercemfg.com to learn more about the Pierce PUC.

www.piercemfg.com



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PERFORM. LIKE NO OTHER.[™]

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