



QUANTUM CHASSIS



Big on size. Even bigger on performance.

The Pierce® Quantum® is the truck of choice for departments that demand the absolute best and nothing less. You'll get the exact truck to meet your unique needs, loaded with the options that are vital to your success.

A Quantum Leap In Industry Performance Standards

The Quantum was designed to set the fire industry's standard for performance and technology. It exceeded expectations. In fact, it's the truck that all others have been measured against for the past decade. A recent redesign has enhanced safety, improved performance and elevated this truck to legendary status.

Brawn. And Brains.

Not only does the Quantum boast the most robust chassis in the industry, it's also expertly engineered with features you'll appreciate every time you get in the truck. From an ergonomic wraparound dash, to a 180° view from the 4,100-square-inch windshield, to an overall spacious interior, the Quantum is designed to meet your demands.


Safety Sets It Apart From All Others

In addition to structural superiority, the Quantum has safety features unmatched by anyone in the industry: air-actuated steps; Electronic Stability Control (ESC); exclusive Command Zone™ advanced technology that links key vehicle systems to one another so they work together safely, effectively, and efficiently; TAK-4® Independent Front Suspension for improved ride quality and shorter stopping distances; a Side Roll Protection system that senses the exact moment of a side roll and provides instant protection; and, as another industry first, frontal air bags. At Pierce, leadership means building safety into every apparatus we build.

Raise Your Performance Expectations. Again.

Air-actuated steps. A 515-horsepower engine. As impressive as the individual details are, they're meaningless to you without outstanding performance as a unit. The Quantum performs like the world's most technically advanced fire apparatus. Because it is.

SPECIFICATIONS*

QUANTUM®	
Engine Horsepower	455-515 hp
Transmission	Allison EVS4000
Alternator	Up to 400 amp
GVW Ratings	Front: Up to 24,000 Rear: Up to 58,000
Frame Rails Size/RBM	13 3/8"/33.66cm
Cab Length	67.25" - 73.75"/ 170.8cm - 187.3cm
Cab Raised	12" or 22"/ 30.5cm - 55.9cm
Seating Capacity	Up to 10
TAK-4® 	Standard
Cramp Angle	45-degree max.
Brake Size	17" rotor w/TAK-4
Rear Axle Suspension	Leaf or air Single or tandem
Water Tank Capacity	Up to 3,000 gal/ 11356.235 liters
Command Zone™	Yes



Command Zone™ Provides critical information – right now! When you need to know what's happening with your rig right now, you need the exclusive Command Zone advanced electronics and control system from Pierce. Command Zone delivers real-time data profiles of apparatus performance, including details of vehicle operation and diagnostics.



4,100 Sq. In. Windshield Gives You Unmatched Visibility. At more than 4,100 square inches, it's nearly the area of a 4x8-ft. sheet of plywood. Coupled with the outstanding seating positions for the driver and officer, that means unmatched visibility. Plus, tinted safety glass cuts both solar load and heat, while vertical (pantograph) wiper blades clear a maximum amount of glass area.

The ergonomically designed wraparound dash puts you in complete command of any situation.

Similar to a jet fighter cockpit, the dash panel is designed to keep controls at the fingertips of the operator. The instrument panel has room for up to 80 switches in the overhead and dash positions. The Quantum has one of the roomiest cabs in the industry - over 150" - and we've increased the space between the driver's knees and the engine tunnel, increasing comfort.



Frontal air bag protection



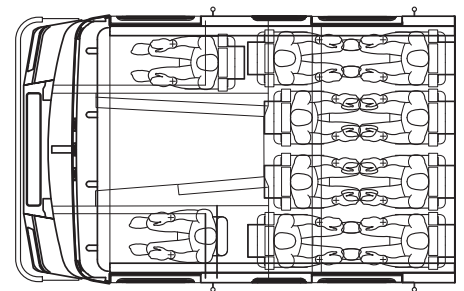
Side Roll Protection system
Air bags/curtains in front & rear



Air-Actuated Steps Make Access Easy. Easy in. Easy out. Speed and safety go hand in hand with the Quantum's exclusive air-actuated steps.

Each pneumatically operated step folds out automatically when the door is opened, providing a large, low, first step at 16 inches from the ground that makes cab entry or exit easier, especially when suited up and carrying gear.

Cab is available in a wide range of seating configurations for up to 10 firefighters.



- Pantograph wipers deliver excellent coverage
- Air-actuated steps fold out automatically providing a large, low first step at 16" from the ground that makes cab entry or exit easier
- Hook-up ports throughout cab for cell phones and other electronics
- Easy in-cab maintenance access for fluids
- Upper windows above doors for better visibility and brighter interior light
- High angle of approach to handle obstacles with confidence
- TAK-4® Independent Front Suspension for shorter braking distances, better ride quality and increased FAWR to 24,000 lbs.
- Side Roll Protection system for enhanced firefighter safety
- Frontal air bag protection
- Tandem rear axle (up to 58,000) available for heavier GVWR
- 42-degree cab tilt for easy engine / power train access
- Massive 13 3/8" 120 ksi steel frame rails for superior handling and reduced frame deflection
- 45-degree cramp angle for maximum maneuverability
- Electronic Stability Control (ESC)
- 36" flat work surface officer side



At Pierce, leadership means building safety into every apparatus we make. 360° Protection From Every Angle is a bumper-to-bumper focus on firefighter safety. To, from and at the scene.



PERFORM. LIKE NO OTHER.™

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