

SPECIFICATIONS*

	QUANTUM®	VELOCITY™	IMPEL™	ARROW XT™	SABER®
Engine	365-515 hp	345-525 hp	345-425 hp	455-525 hp	300-425 hp
Transmission	Allison EVS4000	Allison EVS3000 and 4000	Allison EVS3000	Allison EVS4000	Allison EVS3000
Alternator	Up to snl 400 amp	Up to dual 540 amp	Up to snl 340 amp	Up to dual 540 amp	Up to snl 340 amp
GVW Ratings	Front: Up to 24,000 Rear: Up to 58,000	Front: Up to 24,000 Rear: Up to 58,000	Front: Up to 22,800 Rear: Up to 58,000	Front: Up to 24,000 Rear: Up to 58,000	Front: Up to 18,000 Rear: Up to 31,000
TAK-4®	Standard	Standard	Standard	Standard	N/A
Frame Rails Size / RBM	13 ³ / ₈ " / 33.98cm	13 ³ / ₈ " / 33.98cm	13 ³ / ₈ " / 33.98cm	13 ³ / ₈ " / 33.98cm	10 ¹ / ₈ " / 25.73cm
Rear Axle Suspension	Leaf or air Single or tandem	Leaf or air Single or tandem	Leaf or air Single or tandem	Leaf or air Single or tandem	Leaf or air Single axle only
Cramp Angle	Up to 45° max	Up to 45° max	Up to 45° max	Up to 45° max	Up to 40° max
Brake Size	17" rotor	17" rotor	17" rotor	17" rotor	17" rotor
Cab Length	4-dr cab @ 135 ¹ / ₄ "-159"	2-dr cab @ 93.13" 4-dr cab @ 138"-162"	4-dr cab @ 138"-162"	2-dr cab @ 91 ³ / ₄ " 4-dr cab @ 136"	2-dr cab @ 86" 4-dr cab @ 130 ¹ / ₄ "
Cab Raised	12" or 22"	10" or 20"	10" or 20"	10", 16" or 20"	12" or 22"
Seating Capacity	Up to 10	Up to 10	Up to 10	Up to 8	Up to 8
Command Zone™	Standard	Standard	Standard	N/A	N/A
Side Roll Protection	Default	Default	Default	Default	N/A
Frontal Air Bags	Default	Default	Default	Default	N/A
Electronic Stability Control (ESC)	Optional	Optional	Optional	Optional	Optional

*Chart is for comparison purposes only. See your Pierce representative for more information about the wide range of specifications available on each chassis model.

Support That Makes A Statement.

The Pierce commitment extends beyond the chassis and into service, parts and warranties. We back every Pierce product with the strongest dealer sales and service support network across the U.S. and Canada, as well as the most knowledgeable representatives in the industry. This network ensures your investment is protected from planning to pickup to maintenance and beyond. They're there for you, 24/7/365.

CUSTOM CHASSIS



www.piercemfg.com



Perform. Like No Other.™

Pierce Manufacturing Inc., An Oshkosh Corporation Company
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Specifications, descriptions and illustrative material in this literature are as accurate as known at the time of publication, but are subject to change without notice. Illustrations may include optional equipment and accessories and may not include all standard equipment. All measurements are nominal values.

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WE DESIGN OUR CHASSIS AS IF EVERYTHING WERE RIDING ON IT. BECAUSE IT IS.

A chassis doesn't determine everything. Just how you ride, handle, stop and set-up at the scene. That's why Pierce devotes such attention to every detail of every chassis we build. As a result, we deliver chassis that set the standard for reliability, durability, ergonomics and advanced technology.

But we don't just set the standard, we meet your standards. We work closely with fire departments like yours every day to engineer, design and build the best possible apparatus for your application. We offer tens of thousands of possible combinations of options, capabilities and chassis configurations.

And before we deliver it, we test it. Our full-time, fully equipped research and development team is the largest of any fire truck manufacturer in North America. Each new chassis is put through thousands of hours of rigorous testing in the most extreme conditions before it goes into service.

That's why more firefighters rely on a Pierce® chassis than any other. It's all driven by your needs and our commitment to deliver. Everything we do at Pierce is geared to enhancing your performance in the field and providing the safest truck possible.

MAXIMUM STRESS DURING TESTING

The following are examples of the types of testing we perform.

- Actual durability-driven test miles.....10,000
- Accelerated miles210,000
- Frame twist testing helps ensure construction integrity
- Strain gauge tests verify frame rail bend resistance
- Tilt table for side slope stability and center of gravity
- EMI/RFI testing with full function to 200-volt @ 1 meter
- Electrical components tested to meet 20-year life cycle minimum
- Salt baths test corrosion resistance
- 250,000-cycle door slam test helps ensure positive closing over the long haul
- Cramp angle verification (using third-party certifications)
- Brake performance measurements
- HVAC evaluation helps ensure your air conditioning will keep pace with the heat, and your heating will conquer the cold
- Engine cooling performance (certified)
- Wiper durability lasts 3,000,000 cycles for proven performance
- Severe road input testing includes cornering, acceleration, braking, chatter/cross bumps, resonance road, Belgian blocks, loose gravel and potholes
- Constant throttle cycling
- Durability course simulates the demands of urban streets



A 110% COMMITMENT TO YOUR SAFETY

Each year, more firefighters are killed traveling to and from an emergency scene than die from fighting fires. This fact has driven Pierce to develop the most advanced and comprehensive firefighter safety program in the world – **360° Protection From Every Angle™**. These vehicle safety initiatives include our exclusive frontal air bags, Side Roll Protection system (with air bags, officer-side knee bolster air bag, air curtains, seat belt pretensioners and suspension seat pull-down), Electronic Stability Control (ESC), Pierce dynamic crash testing and TAK-4® Independent Front Suspension. These and dozens of other safety features have helped Pierce® chassis set the industry standard for safety.



Pierce is the first manufacturer in the industry to offer frontal air bags. As an integral part of our commitment to safety, these frontal air bags have been crash tested in multiple cabs while in development. When they are paired with other safety features, these help dramatically reduce fatalities or severe injuries from frontal collisions.

A LIFETIME OF PROTECTION IN A FRACTION OF A SECOND

Fire truck side rolls become much more survivable when two conditions are met: 1) Occupants are properly belted into their seats, and 2) The truck is equipped with the Side Roll Protection system from Pierce. Featuring an electronic roll sensor, seat belt pretensioners for all seats, forward tubular side air bags, crew cab head cushions (optional side air curtains in crew cab available in most chassis), and a suspension seat pull-down for the driver and the officer, the Side Roll Protection system works in milliseconds to reduce occupant movement, lower the chance of head contact with the cab roof and

increase the survivable space. In short, the system provides an unprecedented level of safety for firefighters in the event of a side roll accident. It is available on Quantum®, Velocity™, Impel™ and Arrow XT™ chassis.

YOU'VE GOT TO SMASH A FEW CABS TO BUILD THE BEST CHASSIS

Fire trucks may seem impervious to damage in normal roadway accidents, but there are plenty of objects in the world that are even more massive: trees, buildings, bridges and concrete abutments.



That's why Pierce spends so much time proving chassis safety in a series of crash tests. An independent third party has performed crash testing on all Pierce® cab models. Testing included frontal and side impact, as well as roof crush tests, and all these cabs meet or exceed the widely recognized Economic Commission for Europe (ECE) requirements. It's no surprise to us, all of our custom cabs even survived 100,000 lb. roof crush testing.

EVER HAD A CLOSE CALL ... WHILE ON A CALL? TAK-4 IFS PROVIDES AN EXTRA MARGIN OF SAFETY

What's the greatest safety feature of all? The ability to avoid an accident in the first place, which makes Pierce's industry-leading TAK-4® Independent Front Suspension as important for safety as it is for performance. Simply put, TAK-4 Independent Front Suspension provides the strength and suspension travel that big fire rigs need to handle rough roads. The larger brakes equipped on TAK-4 stop up to 23% shorter than an identical truck using a straight axle with 15" rotors. If you've ever had a close call on the way to an emergency – or while returning to the station – you know how important these capabilities can be. Look for TAK-4 as standard on our Quantum®, Velocity™, Impel™ and Arrow XT™ chassis.

PIERCE HAS YOU COVERED – FROM EVERY ANGLE

Pierce® chassis are researched, engineered, tested and built with industry-leading safety features and equipment. Some of these innovations are apparent and others are invisible, but all are essential to helping safeguard your most precious asset – you. From bright exterior lighting to latching interior storage spaces and a mission-critical electrical system on Command Zone™-equipped trucks, Pierce fire trucks provide the safety to match their performance. A partial list of safety features, standard and optional, that are available on most Pierce chassis includes:

- Frontal air bags, an industry first
- Side Roll Protection system (air bags/curtains in front & rear)
- TAK-4® Independent Front Suspension
- Electronic Stability Control (ESC) automatic safety management braking system, enhances directional and roll stability during evasive maneuvers
- Seat belt warning system
- Interior dome lights enhance nighttime visibility
- Enclosed storage areas inside cab keep tools and equipment secure
- 13 3/8" frame rails reduce frame beaming and improve ride stability
- Noise insulation and soundproofing provide a quieter interior environment
- Tinted windows reduce solar load



ANOTHER INDUSTRY FIRST
Pierce offers frontal air bags





YOUR RIG IS AT THE HEART OF YOUR PERFORMANCE. AND YOUR CHASSIS IS AT THE HEART OF YOUR RIG.

Whether you drive a sports car or a rescue pumper, the performance of your vehicle hinges on the performance of its chassis. That is why every Pierce® chassis is created within a culture of innovation that time and again has delivered to firefighters the most advanced technologies ever offered in a fire apparatus. These technologies include patented

TAK-4® Independent Front Suspension, which measurably improves maneuverability, handling, braking and driver control. And advanced Command Zone™ electronics allow all the major onboard systems to work seamlessly together. These advances, and hundreds of others throughout our history, define our commitment to increasing your safety and improving your firefighting performance.



TAK-4 MEANS SUV-RIDE QUALITY AND MORE

STOPPING POWER. Exclusive TAK-4® Independent Front Suspension (IFS) measurably improves the maneuverability, braking, FAWR and safety margin of Pierce® custom chassis. And in a world of unforeseen roadway and traffic conditions, it can make the difference between arriving on time or too late. TAK-4 starts with computer-designed cast front suspension arms, specially calibrated torsion bars and shocks that provide better vehicle dynamics with superior ride quality for your crew and onboard equipment. The suspension geometry allows for massive 17" brake rotors that will stop your Pierce rig 60 feet sooner at 60 mph when compared to the same size truck with a straight axle and 15" disc brakes. And, by the way,

we can route a 5" front suction to the front bumper without any restriction to the plumbing or 45-degree cramp angle.

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. The information centers, available in the cab, on the pump panel and on aerial apparatus, provide instantaneous access to critical information and let you pinpoint problem areas quickly.



Command Zone incorporates leading-edge, solid-state electronics and technology to form the backbone of the electrical system. Pierce offers a 5-year limited warranty as standard on its Command Zone components, including parts, standard repair time, and cost of the module.

Reliability is built in with redundant safety features that continue to operate in the event all or part of the system should fail. Unlike a traditional fuse and relay design, this patent-pending technology gives you a second chance even if part of the system isn't operating. How smart is Command Zone? It even simplifies integration of complex subsystems so you have added flexibility in customizing your apparatus. And, it allows easy troubleshooting and diagnostics via modem.

QUANTUM *A quantum leap in performance*



4,100 SQ. IN. WINDSHIELD GIVES YOU UNMATCHED VISIBILITY How big is the Quantum's wraparound windshield? 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. Whether you're making your way through tight traffic, sighting a tall building or commanding your crew, the Quantum chassis gives you a clear view of what lies ahead. Plus, tinted safety glass cuts both solar load and glare, while vertical (pantograph) wiper blades clear a maximum amount of glass area.

The world's most advanced fire apparatus gives you more control and technology where it really counts. A combination that can only come from Pierce. Since its introduction, the Pierce® Quantum has been the standard for performance and technology in the fire industry. Only Pierce has the experience, engineering expertise and manufacturing capability to provide a chassis with unprecedented features like those found in the Quantum. This goes beyond simple cosmetic enhancements. Pierce understands how you move, drive and work, and they used that knowledge to engineer a chassis that stands up to the demands of the job.

THE BOLD DESIGN

Right from the start, the design of the Quantum quickly sets it apart, setting the tone for the look of fire apparatus into the future. The most significant features, however, are evident in the interior of the cab, which go beyond offering more room. Using interior space most effectively is what makes all the difference – flat floor, low engine tunnel, more head clearance and room for up to 10 firefighters distinguish the Quantum chassis. Engineered for efficient communication, the interior exceeds NFPA guidelines for noise levels, so you won't need to shout to be heard.

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. The step height is a consistent 16 inches. And since the air-actuated steps fold away automatically when the doors are closed, they stay clear of ice, snow and mud.



YOU'RE IN COMMAND.

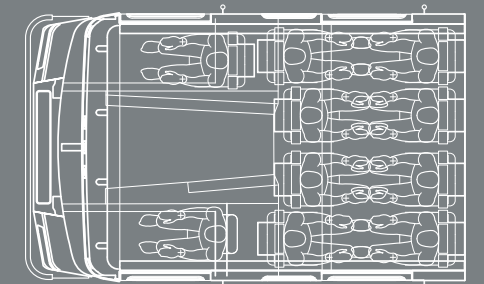
The ergonomically designed wraparound dash puts you in complete command of any situation. Similar to a jet fighter cockpit, the dash panel is designed to keep controls at the fingertips of the driver. The instrument panel has room for up to 80 switches in the overhead and dash positions. A high-performance HVAC system, with dual evaporators and durable vents keep air moving for maximum heating and defrosting. The Quantum has one of the largest cabs in the industry with increased space between the driver and engine tunnel for improved comfort.

ADDITIONAL FEATURES AND BENEFITS:*

- Frontal air bags, an industry first
- Side Roll Protection system (air bags/curtains in front & rear)
- TAK-4® IFS for shorter braking distances, better ride quality and increased FAWR to 24,000 lbs.
- Electronic Stability Control (ESC) automatic safety management braking system, enhances directional and roll stability during evasive maneuvers
- Air-actuated steps fold out automatically providing a large, low first step at 16" from the ground that makes cab entry or exit easier

- Hands-free SCBA holders
- Pantograph wipers deliver excellent coverage
- High angle of approach to handle obstacles with confidence
- 45-degree cramp angle for maximum maneuverability
- Massive 13^{3/8}" 120 ksi steel frame rails for superior handling and reduced frame deflection
- 36" flat work surface officer side
- 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
- Tandem rear axle (up to 58k) available for heavier GVWR
- 42-degree cab tilt for easy engine / power train access

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



* Some features listed are options.

VELOCITY *The best idea you ever had*



We asked firefighters to envision the ideal fire truck. Then we listened carefully. They told us about practical things that would make a truck easier to use. They identified space, storage, safety, maintenance and performance improvements. We wrote it all down and turned a team of engineers loose with one goal: make it happen.

Velocity advances the way fire trucks are designed and built in five critical ways:

MORE INTERIOR SPACE

More headroom, legroom and floor space; simply more space overall for firefighters to maneuver quickly and efficiently.

STORAGE AND CLUTTER MANAGEMENT

Integrated compartments keep books, manuals, radios and other items within easy reach, but out of the way. The rotomolded console enhances the functional organization of the cab and is so strong it takes any abuse you give it.

IMPROVED VISIBILITY

Pierce® exclusive one-eleven mirrors make Pierce the only firetruck OEM to meet FMVSS-111 visibility standards which improve line of sight in the front and along the sides of the vehicle. And Velocity's single, bonded windshield provides unobstructed visibility of the road, traffic and pedestrians.

SAFETY AND SEATS

The new Pierce PS6® seats include double-length seat belts and dual retractors, improved cushions and lumbar support. Hands-free SCBA holders and integrated side air curtains are optional. Pierce also offers the industry's first frontal air bags, along with Side Roll Protection to keep firefighters safer.

EASIER MAINTENANCE

Designed to encourage routine preventative maintenance which extends the life of the vehicle, Velocity provides quicker and easier access through the engine tunnel and through its fast access service tilt front hood. The Velocity also features Pierce's exclusive tube-in-rubber transmission cooler, which is more durable than conventional coolers and comes with a 3-year, \$10,000 collateral damage warranty and 5-year cooler warranty.

THE MESSAGE FROM FIREFIGHTERS WAS CLEAR: MAKE IT EASIER TO USE.

Make gauges easier to see. Make switches easier to identify and reach. And mostly, make the cab easier to get into, move around in, and get out of. But that's just the beginning. Firefighters also asked for storage configurations that make it easier to keep things organized, and access doors to check and fill fluid levels so it's easier to do routine maintenance.



AN EASIER VELOCITY

Every interactive component on the Velocity™ chassis was closely evaluated and designed to provide ease of use for firefighters. We even lowered the floor to provide more headroom, and reconfigured the seats, SCBA brackets and seat belts so it's easier for firefighters in full turnout gear to get in and get out.

Fast access service tilt front hood



Adjustable foot pedals



Large door handle



Electric adjustable driver's seat



The industry's widest doors – 43" front and 38" rear – and larger, deeper interior and exterior handles that can be easily gripped with a gloved hand to make entry safer and exit quicker and more efficient.

Easy entry and a lower, door-to-door floor without recessed stepwells in the rear of the cab to help firefighters enter, exit and move easily and more safely.

Dual retractor seat belts, featured on the PS6® seat are located within easy reach and can be pulled quickly and comfortably over a firefighter in full turnout gear.

A fast action service tilt front hood to provide easy and quick access for routine maintenance of fluids and electronics.

An HVAC system with electronic controls and better airflow to provide greater comfort and reduce stress.

Inertia-activated hands-free SCBA holders that provide easy walk-away operation without the hassle of levers or straps.

VELOCITY *The best idea you ever had*

STORAGE AND CLUTTER MANAGEMENT

A fire truck provides a lot more than just transportation. It serves and supports the efforts of firefighters by functioning as a mobile office. In some ways, it's like a field operations center.

To help keep things running smoothly and efficiently, Velocity is designed to provide INTEGRATED COMPARTMENTS that keep resources and tools such as books, manuals and radios well organized and within arm's reach.

Velocity's ROTOMOLDED CONSOLE enhances the functional organization of the cab, and is so strong it takes any abuse you give it. The console even features a flat work surface that serves as a desk area at the officer's position.

With a place for everything and the PROPER MANAGEMENT OF CAB CLUTTER, there is no need for makeshift solutions that might obstruct visibility, become projectiles in the event of emergency braking, or fall uncontrollably when the cab is tilted.



THE LOW MAINTENANCE

Firefighters nationwide agree that the ideal fire truck would require as little maintenance as possible, and that whatever maintenance is required would consume as little time and effort as possible. So the Velocity is engineered and designed to save a great deal of time, energy and money throughout its lifetime. Systems, components and structures are smartly configured to speed diagnostics and provide quick and ready access. Among the many considerations that contribute to a low cost of ownership are the following:

- Fast access service tilt front hood for easy routine maintenance
- Three wiper blades and motor are quick and easy to replace
- Lift / tow frame extension can tow vehicle without special equipment and reduces damage from towing
- Rotomolded dash is ultra-durable
- Wire raceways and easy harness access reduces time needed to trace and troubleshoot
- Command Zone™ advanced electronics with easy access to breakers, fuses and modules
- Visual electronic diagnostics are simple to use, requiring no special equipment for troubleshooting
- Three-piece overhead console provides quick access to electrical systems
- Check / fill access door in engine tunnel for quick access to engine and transmission fluid levels
- 13 3/8" frame rails transfer less wear and tear to vehicle's body
- Tube-in-rubber transmission cooler with 3-year collateral damage warranty and 5-year cooler warranty
- TAK-4® Independent Front Suspension improves ride quality by more than 300%
- Waterproof air filter protects engine and requires less time to service
- Frame rail clamping provides easy, organized access to electrical, pneumatic and hydraulic components
- Hub piloted wheels require less time to service
- Aluminum core radiator features efficient cooling

A SAFER VELOCITY

The most striking and noticeable advantages of Pierce's Velocity chassis are directly related to firefighter safety. Every safety feature is designed to ensure that you get there and back safely.

- Increased visibility and noise reduction
- The industry's thickest cab firewall
- Proven integrity through third-party crash testing
- Exclusive one-eleven mirrors for greater visibility
- Frontal air bags, an industry first
- Side Roll Protection system (air bags/curtains in front & rear)
- Electronic Stability Control (ESC) automatic safety management braking system, enhances directional and roll stability during evasive maneuvers



A COMFORTABLE VELOCITY

PIERCE PS6 SEATS

The Velocity™ chassis features Pierce's exclusive PS6® seats, the first custom-designed, safer and noticeably more comfortable seat in the industry, featuring a 7.5 degree angle of recline.

- Integral air curtains, seat belt pretensioners and suspension pull down
- Dual seat belt retractors and double-length seat belts
- Hands-free SCBA holders
- Lumbar support
- Air suspension with auto center position
- Self-adjusting ride height
- Electric adjustment slide, height and rake
- 17" cushion (front to back)
- Larger bolster pads
- Easy-to-reach, waist-positioned seat belt buckle and tongue storage
- Dual density comfort foam
- Seat belt alarm system

PS6™



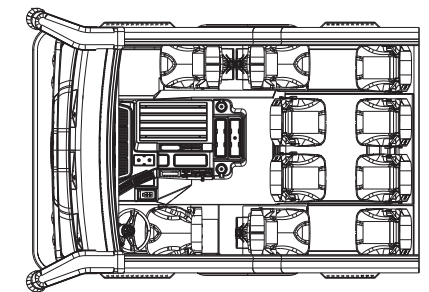
Some features listed are options.

IMPEL *Performance on your terms*



CRASH TESTED AND PROVEN

Even with all of the great ideas and innovations that are built into Velocity/Impel, Pierce wouldn't bring it to market without substantial testing. Independent, third-party crash testing has affirmed Velocity's/Impel's strength, integrity and safety. Tests that were conducted include side strike, roof crush, front strike and frontal impact. Needless to say, Velocity/Impel performed admirably. Overall, Velocity/Impel was subjected to 75 durability and life-cycle tests, including 22 cab tests, 27 engine related tests, 15 system and component tests and 11 chassis tests. The Velocity and Impel come with a 3-year limited chassis warranty and a lifetime warranty on chassis frame cross members.



SEATING

IMPEL & VELOCITY

seating up to 10

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FEATURES	VELOCITY™	IMPEL™
Engine Horsepower	345 - 525 hp.	345 - 425 hp.
Transmission	Allison EVS3000 and 4000	Allison EVS3000
Alternator	Up to dual 540 amp	Up to single 340 amp
GVW Ratings	Front: up to 24k Rear: up to 58k	Front: up to 22.8k Rear: up to 54k
Straight Axle	Optional, to 19.5k	Optional, to 19.5k
TAK-4°	Standard	Standard
Cramp Angle	Up to 45° max	Up to 45° max
Frame Rails Size/RBM	13 3/8" / 33.98cm	13 3/8" / 33.98cm
Rear Axle Suspension	Leaf or air - single or tandem	Leaf or air - single or tandem
Cab	70" (60" or 84" optional)	60" (70" optional)
Mirrors	Pierce® one-eleven (door-mounted optional)	Door-mounted (Pierce® one-eleven optional)
Grille Surround	Chrome	Painted (chrome optional)
Bright Anodized Mesh Grille	Default	Optional
Headlight Bezels	Wrap around, bright finished (rectangle optional)	Round bright finished ring (rectangle optional)
Operator's Console	Premium (includes switch panels, Command Zone™ display, binder storage, cup holder & officer work area)	Base (short version, switch panels and cup holder)
Doors	Full-height (barrier optional)	Barrier (full height optional)
Side Roll Protection	Default	Default
Frontal Air Bags	Default	Default
Electronic Stability Control	Optional	Optional
Steering Wheel	4-spoke (switches optional)	2-spoke only
Interior Finish	Vinyl (painted optional)	Painted (vinyl optional)
Command Zone™ Modules	Clear w/LED (black optional)	Black (clear w/LED optional)
Command Zone™ Color Display	7" Color display	Message display on instrument panel (color not available)

Each community has its own unique needs. A fire truck designed and built for one department may not necessarily be the best configuration for another. So Pierce is partnering the new Velocity™ chassis with Impel™, a full-featured truck at a price-conscious level, with many of the advantages and options available on Velocity. As part of the Velocity generation of chassis, the Impel is able to provide improved cab space, enhanced visibility through a single-piece panoramic windshield and the safety and comfort of PS6® seats, but without the premium operator's console and other features standard on Velocity.

EFFICIENCY

Impel begins with a base model design and configuration, including a medium-block engine to deliver outstanding performance efficiency.

FLEXIBILITY

Departments have the option of sticking with proven components and systems or selecting upgraded options.

Impel's baseline model includes barrier doors, painted interior finish, a conventional console configuration, round headlight bezels, optional chrome grille and a painted front end.

Some features listed are options.

ARROW XT *Battle-tested, fire fighter approved*



No brag, just fact: The Arrow XT™ from Pierce has everything you need for firefighting, and nothing you don't. Bearing the name that defined the modern fire chassis, the Arrow XT is the consummate firefighter's fire truck. It comes equipped with your choice of big CAT or Detroit Diesel engines rated at up to 525 hp, an "extreme tilt" (hence the name XT) cab that allows easy inspection and maintenance of the drive train and brakes, standard TAK-4® Independent Front Suspension and oversize 120 ksi 13 3/8" carbon steel frame rails with heat-treated liners. Add a clean, functional metal interior with a heater like a furnace, twin air conditioners that'll rival an Arctic winter, and a no-nonsense instrument panel. Wrap this all up with a hard-wired electrical system, and you have the truck of your dreams.

ALL-BUSINESS INTERIOR IS READY TO WORK

Basic is beautiful, especially when you're beholding the Arrow XT interior. Why? It features seamless rubber floor mats, vinyl and painted interior surfaces that shrug off abuse and are a breeze to clean.

A straightforward instrument and control panel with big, easy-to-read gauges. Fully accessible electronics for simplified maintenance and repair. And even a broad, flat work area on top of the engine compartment. And it's all heavy-duty, so you can concentrate on work, without over-working your machine.



BUILT TO GET YOU THERE – AND BACK AGAIN

From ramps and curbs to potholes and fallen tree limbs, you never know what might be around the next corner. But never mind. With an impressive 15 inches of ground clearance to the bottom of the radiator, and a 15-degree angle of approach and departure, the Arrow XT is built to get you up it, over it and to the scene.

On the roof is where you will find one of the most robust and durable externally mounted Air Conditioners with dual evaporators. That leaves you with more headroom, increased visibility and better communication front and back. Door openings are larger for easy entry and a bigger radiator provides added cooling performance.

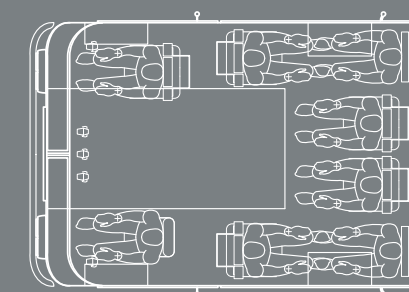
ROOF YOU CAN COUNT ON

A fire truck's life isn't easy; weather and the elements are hard on your truck. There's acid rain and fog, dirty snow, industrial pollutants and no shortage of airborne debris. Good thing the Arrow XT has a one-piece welded roof that's engineered to shed it all with ease. This simple and effective engineering detail is just one more reason why the Arrow XT has evolved to be the firefighter's best friend.

*ADDITIONAL FEATURES AND BENEFITS:**

- Frontal air bags, an industry first
- Side Roll Protection system (air bags/curtains in front & rear, where applicable)
- TAK-4® IFS for shorter braking distances, better ride quality and increased FAWR to 24,000 lbs.
- Electronic Stability Control (ESC) automatic safety management braking system, enhances the directional and roll stability during evasive maneuvers
- Big power, up to 525 hp engines

- Hands-free SCBA holders
- Hard-wired electrical system
- Big radiator for extra cooling power (1,396 sq. in.)
- 45-degree cramp angle for tight maneuvering
- 45-degree full-tilt cab for easy power train access (90-degree tilt with aid of overhead crane)
- Interior access panels provide easy service for battery and fluid checks
- Easy access to dual wiper motors for easier maintenance
- Heavy-duty parts throughout – hinges, cast frame extensions, doors and panels for long-term durability
- Rugged interior with easily replaced door window modules
- Wraparound, one-piece turn signal assembly / LED lighting for greater visibility
- Standard interior storage compartments to keep loose items out of the way
- For added strength, multiple chassis component castings, not fabrications
- Lift-and-tow capable



Cab is available in a wide range of seating configurations for up to 8 firefighters.

* Some features listed are options.

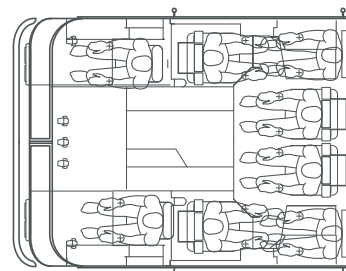
SABER *The build is custom. The price is affordable.*



You have specific department needs but a strict budget. The answer is the classic Pierce® Saber. Configurable as a pumper, rescue or Sky-Boom™ aerial, this affordable custom chassis was the first of its kind introduced into the fire service. The Saber will give you the performance and security you need – and right on budget. Unlike a commercial chassis, the custom Saber is built for firefighters from the ground up. It offers a choice of two engines, and an impressive host of options including all-wheel drive and two raised-roof heights. Its cab-over design allows shorter wheelbase trucks for superior maneuverability – without a loss of interior space. With thousands of Sabers in service from California to Connecticut, it's no wonder this chassis has earned such an awesome reputation.



Cab is available in a wide range of seating configurations for up to 8 firefighters.



STRAIGHTFORWARD ELECTRONICS GET THE JOB DONE

Saber's straightforward approach extends to its hard-wired electrical systems, which are preferred by some departments. The color-coded wiring and loom-covered harnesses are hand-fabricated, installed and tested prior to delivery. For maximum access and visibility, electrical systems are installed after body assembly and painting, and every Saber comes with a complete wiring schematic so you have total knowledge available for every system. With the Saber, the traditional approach wins.

CUSTOM INTERIOR IS FIREFIGHTER READY

One reward of stepping up to a custom chassis is an interior with a host of features that are often unavailable on a commercial chassis. In the Saber, these include quick access to engine fluids, electrical systems and power distribution system through an access panel in the engine cover – without ever tilting the cab. There's also custom-quality room inside, with the three inches additional legroom for the first officer. And if you need more room, specify the Saber with a 12- or 22-inch raised crew roof.

4X4 LETS YOU MASTER LOW-TRACTION

SITUATIONS. When the emergency call comes out you never know where it's going to take you – or what the road conditions will be like. But one thing is guaranteed: You can't afford the wait to get your chassis pulled out of a mud hole or snow bank, or take time to drive around looking for an easier way up a hill. Enter the Saber's optional 4-wheel-drive system, built to get you quickly across slippery surfaces and over rough terrain.

ADDITIONAL FEATURES AND BENEFITS:

- Low engine tunnel for improved visibility and en route communications
- Engine tunnel access for fluids and electronics
- Electric/hydraulic cab tilt system for power train access
- Seating for up to 8 firefighters
- Up to 425 hp for power when needed
- 10 1/8" frame rails
- Pierce® Micro Controller (PMC) hard-wired electrical system
- 4x4 application
- Electronic Stability Control (ESC) automatic safety management braking system, enhances the directional and roll stability during evasive maneuvers
- Hands-free SCBA holders

