

INDUSTRIAL



Pierce

Your head is on a swivel. Failed steel structures, hazardous chemicals and high-pressure lines pose catastrophic dangers. Hundreds of miles of pipes filled with methane, propylene, ethylene, hydrogen or chlorine significantly escalate the threat level. Industrial environments take firefighting to a much higher plane, demanding tremendous performance from you. Your industrial fire apparatus should meet those same performance standards.





Engineered to be the finest.

Both safety and performance start with engineering. The industry's finest product development team is always working on improvements so you can respond confidently. As a result, you can do your job safer and more effectively – whether that means flowing water for 36 hours straight from an industrial pumper or responding with an apparatus stocked for confined space / high angle rescue and emergency medical equipment.

Innovative Pierce® technologies like the Husky® foam system and a comprehensive list of performance and safety features offer every advantage for industrial fire prevention and response. Throughout the chassis, from bumper to bumper, you get the best fire suppression tools available – all from a single source and supported by the Pierce dealer network 24/7/365.

Perform without compromise. Perform with industrial strength.

Pumpers • Pumper Tankers • Aerial Ladders • Aerial Platforms • Rescues • Command Units

The best body in the business.

We don't just build bodies, we build industrial strength bodies. Pumpers, pumper tanker, aerials, rescues and command units with bodies featuring formed and welded construction for durable, long-lasting design without unnecessary weight. Customize to fit your specific needs with generous design flexibility for storage and compartmentation. Like just about any component or option on a Pierce, you can choose the body materials you need – aluminum, galvanized steel or stainless steel. Pierce offers an extensive number of configurations in many sizes with a wider choice of materials and options.

Because each industrial apparatus is unique, each body is built with the pump systems in mind - customized, optimized and maximized for performance when you need it most. Whether you need to fight from the ground or flow water at 3,000 gpm from one of our aerial platforms, we've maximized the performance of every component that directs and delivers the water or foam. That's why we custom engineer and build pump houses and integrated pump panels to your exact specifications with virtually unlimited plumbing options to meet the needs of your department. And our Control Zone™ pump panel provides an unsurpassed level of user-friendly operation.

All bodies are supported with the Pierce® exclusive under-slung steel body supports, featuring 3-point isolated-mount systems that reduce torsional stress and road shock from being transmitted through the body. The under-slung design prevents compartment floors from sagging after years of use.

The Pierce Husky Industrial Foam System - reliable and easy to use when things really get hot.

The Husky® Industrial foam system is designed to deliver an industrial level of performance that's unsurpassed. Its foam pump has capacities up to 300 gallons per minute and is capable of supporting a 5,000 gpm discharge rate while using a 6 percent foam concentrate. This unique, patented, digitally controlled foam proportioning system responds rapidly and accurately to changes in water pressure and flow. The flexible pump drive systems can run from either a pump transmission or a PTO system depending on your needs. The Husky system utilizes a non-recirculating automatic pressure system to ensure foam concentrate does not recirculate back to the foam tank while automatically balancing the foam pressure to water pressure. The entire system requires less electrical energy which aids in preventing an overload of the chassis electrical system - crucial on any industrial fireground.

All foam and water plumbing is stainless steel and is backed by a 10-year warranty.

All major manufacturers' foam systems are available on Pierce industrial apparatus, another way Pierce is committed to offering options.



Because the foam system, chassis, plumbing and body are all designed and built by Pierce, you can be confident in their reliability, integration and proper engine cooling no matter how hot the action gets. Husky is the perfect combination of brawn and intelligent, industrial design.



Each metering valve can be adjusted on the fly for 1, 3 or 6 percent foam. Patented digital electronics accurately control foam pressure, and “soft start logic” programming prevents damaging foam pressure spikes at start-up.

Foam System		0.03%	0.05%	1%	3%	6%
Husky 30	GPM (L/min)	3,000 (11,355)*	3,000 (11,355)*	3,000 (11,355)*	1,000 (3,785)	500 (1,892)
Husky 60	GPM (L/min)	3,000 (11,355)*	3,000 (11,355)*	6,000 (23,250)*	2,000 (7,570)*	1,000 (3,785)*
Husky 160	GPM (L/min)	optional	optional	5,200 (19,682)*	4,103 (15,529)	2,286 (8,652)
Husky 300	GPM (L/min)	optional	optional	5,200 (19,682)*	5,200 (19,682)*	4,286 (16,222)

*Limited by the maximum water pump and plumbing capacity

Husky Industrial Foam System and Proportioner

- Balanced pressure system is designed exclusively for Class B foams / 1% foam concentrates.
- Easy to use - engage the PTO and turn the system on and off at the pump panel regardless of engine speeds or pump pressures.
- Ability to switch the foam system from digital automatic to manual override.
- Electronic digital foam proportioning through a range of 75 psi to 250 psi.
- On-demand design ensures no foam is bypassed back to the foam tank or recirculated through the foam pump.
- Each discharge outlet features its own metering valve, allowing for easy clean-up. The operator needs only to flush the discharge lines used.
- Metering valve can be recalibrated in the field if foam type changes.
- Metering valve and ratio controller for every discharge for full transitions from cooling water to foam solution, and back.
- Patented digital electronics accurately control foam pressure. “Soft start logic” programming prevents damaging foam pressure spikes at start-up.
- Hydraulic pump drive system runs from either a pump transmission or PTO system. With the PTO-driven system, foam transfer operations are easy because there is no need to engage the water pump during foam discharge.
- Capable of pumping water from the vehicle’s water tank, high-pressure hydrant or draft as a water source.
- Differential pressure gauge display tells you that the foam and water pressures are balancing, and eliminates water flow guessing and water pressure concerns - if the needle is in the green, the foam solution is accurate.
- Draft foam concentrate from an outside source allows for extended foam operation.
- Lower electrical loads help to create a lower-cost system that requires less power from the chassis.

Foam generation for proven safety, reliability and performance.



The leader in custom chassis for good reason

Every day we work closely with industrial companies like yours to engineer, design and build the best possible apparatus for your application. Pierce® chassis – Quantum®, Velocity™, Impel™, Arrow XT™ and Saber® – offer tens of thousands of possible combinations of options, capabilities and configurations. From enclosed top-mounts with Velocity and Saber, as well as a split-tilt version of the Velocity chassis, there's a configuration to suit nearly any industrial need.

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

Crash testings are performed on all Pierce cab models by an independent third party. Testing includes:

- frontal and side impact
- roof crush tests

All cabs meet or exceed the widely recognized Economic Commission for Europe (ECE) requirements. It's no surprise to us, all of our custom cabs survived a 100,000 lb. roof crush testing.





COMPLETE COMMITMENT TO YOUR SAFETY

Pierce is focused on your safety, developing the industry's most advanced and comprehensive program - 360° Protection From Every Angle: Some of these innovations are apparent, while others are invisible, but all are essential to helping safeguard your most precious asset – you. From lower hosebeds, grip handles, ergonomic ladders to the mission-critical electrical system on Command Zone- equipped trucks, Pierce apparatus provide the safety to match their reliability and 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 provides the ability to handle rough terrain and stop 23% quicker than an identical truck using a straight axle with 15-inch rotors
- Electronic Stability Control (ESC) automatic safety management braking system, enhances directional and roll stability during evasive maneuvers
- Enclosed storage areas inside cab keep tools and equipment secure
- 13 3/8" frame rails reduce frame beaming and improve ride stability
- Certified engine design to provide efficient cooling
- Dozens of other safety features include the seat belt warning system, collision avoidance system, lateral g-roll indicator, noise insulation and soundproofing, tinted windows, Roll Stability Control (RSC) auto braking system and the Tire Protection System — a tire monitoring system and a tire blowout wheel protection band.

More industrial firefighters rely on Pierce 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, most reliable apparatus possible.

We know how much is riding on your ability to perform. You need the right tools for the job. Get the dependable, most highly customizable apparatus in the industrial market - apparatus you can depend on every time. Pierce offers a 10-year warranty on the plumbing and the truck bodies – available in aluminum, galvanized steel, and stainless steel – and we back our products with 24/7/365 service and support throughout the world. For speed and efficiency, you can get online parts and service through Pierce Parts. When performance is the only thing that matters, go with industrial strength performance – and go confidently, with Pierce.

Support That Makes A Statement.

Call your Pierce representative or go to www.piercemfg.com to learn more about Pierce Industrial apparatus. We're ready to help you take your apparatus capabilities to a whole new level of performance.

www.piercemfg.com



PERFORM. LIKE NO OTHER.™

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