

Polyprene

Meeting the demand for lighter weight, more durable and longer lasting fire service equipment

Polyprene is a specially formulated copolymer material consisting of ethylene and propylene. Polyprene is the best material available today for use in thermoplastic welded fabrications. It offers superior strength, elasticity and shock resistance in both extreme hot and cold temperatures. Because of its elastic properties, Polyprene can be formed as well as extrusion welded. Formed corners eliminates extensive welding, providing a strong durable body.



The body, constructed of Polyprene, is available in an extensive array of designs. The body and tank integrate into a unibody design, which eliminates the need and space required for supporting members, increases the space available for storage or water tank and lowers both the vertical center of gravity and hosebed height.

Using Polyprene, the body will see years of trouble-free service, even in the harsh winter road conditions created with chloride derivative road treatments.

Polyprene bodies are extremely resistant to impact.

Advantages of Polyprene:

- Lightweight with high density strength
- Fabricated, easy to change designs
- Highly impact resistant, does not dent
- Easy, in-field repairs, if ever needed (cut and weld)
- Non-porous, nothing gets past the surface
- Will not rust, crack, chip or corrode
- Impervious to chemical attack



Unfinished 3000 Gallon Polyprene Unibody Body/Tank



Painted 400 Gallons Polyprene Mini Body for Skid Application

PUMPERS

TANKERS

RESCUES

BRUSH TRUCKS

MINI-PUMPERS

WILDLANDS

Seagrave Service

Seagrave Fire Apparatus are sold and serviced by a nationwide, factory-trained Dealer organization that is readily available to assist with all your service and technical support needs for the total Seagrave product; including cabs, chassis, bodies, pumps, ladders and aerial components. In addition, these professionals can help with specifying all the many features and options on your new Optimum® Seagrave. Your local Seagrave Dealer can be identified by calling us.

Seagrave Financing

- Choose any of several attractive prepay options that serve to lower acquisition cost
- Seagrave can provide lease-purchase financing tailored to any Fire Department budget
- Proposals are immediate and easily understood



Optimum® Warranty

- 1 year standard parts and labor
- 10 years S/S, plumbing
- 10 years Akron valves
- 10 years paint
- Lifetime Poly and S/S tanks
- 15 years Aluminum tanks
- 10 years Structural-Aluminum, S/S
- Lifetime Structural-Polyprene



Pumpers, Tankers, Mini-Pumpers, Wildlands, Brush, Jak-Paks, Rescues



- Custom Chassis or Commercial Chassis
- Aluminum, Stainless Steel or Polyprene Bodies
- 200-3,500 gallon Water Tanks
- Side, Top or Rear Mount Operator Control Panels
- Seagrave Triton, Hale or Waterous Pumps



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Since 1881

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Optimum®

The truck that meets your needs with the quality and safety standards only Seagrave is known for

The Seagrave Optimum® series of vehicles is a full-line of emergency response vehicles designed and built to meet your most demanding requirements. Because of an extensive array of options and flexibility in manufacturing, your Optimum® apparatus can be fully customized using a wealth of experience.

Seagrave unites a Spartan custom or commercial chassis of your choice with an aluminum, stainless steel or Polyprene body which is designed with your needs in mind.

From the initial design through to the final assembly, Seagrave pays attention to the details, focusing on safety, ease of use, and ease of maintenance, creating a long lasting vehicle intended for severe use.

Our designs have been proven in several of the nation's busiest Fire Departments. It's this confidence in our design and materials combined with our commitment to quality that allows us to offer the warranties that we do: 10 year structural warranty on aluminum or stainless steel bodies, and lifetime on Polyprene bodies.



TANKERS

When water capacity is paramount, consider the Optimum® tanker. Available in single axle or tandem with water tanks as large as 3,500 gallons.



RESCUES

The Optimum® Rescue saves the day, arriving in a variety of body styles on a single axle. They are available as either a non-walk-in or as a walk-in with custom designed interiors. Storage capacity is maximized with transverse, under body and top hatch compartment options.



PUMPERS

If versatility is required and the truck must carry a significant amount of water with storage for rescue tools, consider the Optimum® Pumper. It is available in either a single or tandem axle. Water capacities up to 1250 gallons on a 4x2 and 3500 gallons on a 6x4. The pumpers have a variety of body designs to meet all your storage and tool requirements.



MINI-PUMPERS & WILDLANDS

When you need to carry and pump water but need to get into difficult terrain or parking garages or off-road situations, then the Optimum® Mini-Pumper or Wildlands will answer the call for you. Small and maneuverable, it is an excellent first response vehicle.



Chassis

- Spartan custom 4x2, 4x4, 6x4
- Ford, Freightliner, GM, International, Kenworth, Peterbilt

Body Construction

- Aluminum, Polyprene or Stainless Steel
- Roll-up or hinged doors
- Transverse compartments
- Custom walk-in rescue interiors, including crew seating and command centers

Water Tanks

- 200 – 3,500 gallon
- Aluminum, stainless steel, poly or Polyprene construction
- T-shaped, rectangular, elliptical

Pumps

- Seagrave Triton, Hale or Waterous
- Gas or diesel portable pumps, skid pumps
- Engine or PTO driven

Operator Control Panels

- Side mount
- Top mount
- Rear mount

Dump Valves

- Manual, air or electric valves
- Single, dual or triple
- 180° swivel systems with optional electric swivel control

Custom Storage Solutions

- Bumper compartments
- Enclosed ladder storage
- Hard suction storage: side-mount or rear access
- Shelves, dividers, partitions, bins
- Tool boards: Polyprene, aluminum or Pac-Trac
- Thru-tank storage
- Top hatch compartments with rear/center and offset ladderways
- Underbody slide-out compartments

Optional Accessories

- 120/240 VAC accessories and lighting
- Air compressor and cascade systems
- Integral foam cells
- Foam systems: eductor, injection and CAFS
- Hydraulic ladder racks
- Hydraulic, PTO and portable generators
- Hydraulic tools and power units
- Water monitors: manual, electric or waterless
- Permanent or portable winches
- Side and rear protective awnings

BRUSH TRUCKS



When you have a lot of rugged territory to protect, consider the Optimum® Brush Truck. It can rush to the off-road scene using four-wheel drive and a flat bed style set-up that includes water tank, pump, storage, reel(s), and ground sweeps.



Optimum® brush rigs are custom tailored to provide the equipment you must have to fight fire in your environment.



JAK-PAKS

If you need a first response vehicle with great maneuverability and flexibility, then the Optimum® Jak-Pak may be your answer. It transforms a full-size pick-up truck into a fire fighting vehicle with a removable modular unit containing 200 gallons of water, a small pump, a hose reel, and equipment compartments.



Jak-Paks can be configured to suit your requirements and can easily be transferred from pick-up to pick-up.

All options may not be available on all models or at all locations.

