



# **PENDPAC**

**2010 Product Brochure**



In order to make the best front end loader on the market, Pendpac invested heavily in hiring the best engineering, production, and service personnel in the industry. Pendpac then spent months with customers discussing what they needed and loved best about the original Lawrence Wittke front loader. We then took that information and applied our state of the art design engineering facilities to the task of creating the truck our customers requested.

The Pendpac FEENIX design, production, and service staff represent over 100 years of front-loader experience. This translates to superior customer service, excellent quality, and peace of mind in a market plagued by unproven designs. Pendpac is the leader in front-loader experience!



## Light Weight - Low Profile Design

Are you concerned with getting maximum payload in a front loader while maintaining critical weight limits and bridge laws? So are we. That's why the FEENIX was designed with a light weight, low profile (12' 5" height) body design. In today's world of increased concern over bridge laws and road weight limits, all haulers need to have equipment that meets the governmental requirements while still packing the loads they need to be efficient. The FEENIX is the only durable, light weight commercial front-loader on the market!



## Advanced and Proven Control System

Imagine the troubleshooting capabilities and driver on-route controls that exist in Pendpac's automated AlleyGator product line! It's now here in the FEENIX. By having Pendpac designed electrical, hydraulic control, and major components standardized across platforms, the FEENIX keeps costs down due to reduced troubleshooting and maintenance as well as not needing to stock additional parts. This simple and easy to use system was designed with the driver in mind.

## Simple and Clean

The FEENIX incorporates fewer parts and wear components. This allows the truck to stay collecting trash versus in the shop being repaired. It also provides a lower Total Cost of Ownership (TCO) in comparison to our competitor's products. Pendpac's focus is on providing reliable trucks to the market, not parts.

## Environmentally Friendly

The FEENIX advances your efforts to collect refuse in the most environmental manner possible under demanding customer conditions. The FEENIX uses less fuel than our competitors due to its light weight, efficient designs throughout the truck. The FEENIX hopper, wind guard, and wing designs help keep trash in the truck and not on the adjacent hard top thus reducing contamination hazards.

## Advanced Packer

The proven design of FEENIX packer panel reduces the rollover common in other front loaders. This advanced design allows for clean and efficient sweeps and full ejection of the packed materials. Now drivers spend more time on route and less time in the body of the truck cleaning. This helps eliminate injuries and disease to the driver making the FEENIX one of the safest trucks on the market!



The Alley-Gator from Pendpac represents innovation in solid waste collection technologies. Simplicity of use and maintenance lowers our customers TCO (Total Cost of Operation). The AlleyGator represents several competitive advantages over our competitors, which include:

**No “Kick Out” – zero lateral arm.**

Having the automated patented RAV® ARM moving in a straight, vertical up and down motion provides several benefits. The first is the trash stays in the garbage can while being lifted. This saves time and is safer for drivers because they don't need to get out of the truck to pick up spillage on the ground. It is also more environmentally friendly due to the lack of spillage. This is a unique feature in the AlleyGator in comparison to our competitors. Our competitor's arms start tipping the garbage can at the moment of lifting it from the ground.

**Patented Vertical Lift Design**

The RAV® ARM moves from ground to ground operation at a lightning 6.5 seconds. This allows for maximum curbside pick up in less time. Because of the speed, trucks and drivers become more efficient reducing route times and driver fatigue. This also creates a fuel consumption savings estimated as high as 25% by several of our customers.

**Alley Friendly – requires less lateral space.**

This allows the AlleyGator to be used in environments where there are cul-de-sacs, low over hanging gutters and utility wires, and narrow streets and alleyways while still maintaining the payload weights of our competitors traditional sized garbage trucks. This advantage of a smaller truck also reduces fuel consumption, provides a safer, legal payload weight, and may eliminate Federal Excise Taxes

### **Operates at Idle – reducing fuel use**

The Pendpac patented Pendulum packer runs continuously as the truck moves down the street and trash is dumped into the hopper. Traditional packers that our competitors use require the truck to be stationary and the engine to power up to high revolutions in order to engage the packing blade function. This high revolution causes large amounts of fuel to be used for packing. It also creates large amounts of noise. The Pendpac Pendulum packing system runs continuous and quiet at the lowest fuel consuming revolutions of the engine. These two factors create another environmental advantage and benefit to the AlleyGator.

### **Less Truck Rocking – decreasing fatigue**

This advantage is directly related to the design and lifting axis of our patented RAV® ARM. When the ARM is retracted for lifting, the weight is over the suspension of the truck. This keeps the truck from rocking back and forth. Our competitor's arms lift the garbage can starting at the curb. That weight is extended up to 7 ft away from the truck causing it to rock back and forth. This is one of the largest causes of injury to the driver in the cab. This rocking throws the driver back and forth causing them to bang into the truck components in the cab. It also creates fatigue with the drivers after hours of continuous rocking.

### **No Packer Rails**

Traditional packing blades move within the truck body on rails. These rails are continuously filled with garbage and damaged as the blade moves across them. The Pendpac Pendulum packer is a fixed position packing system that doesn't have any rails. This creates another safety zone for drivers and mechanics because they never need to enter the body to clean or repair traditional rails.

### **Enhanced "Self Cleaning"**

The AlleyGator is designed so the truck operator has to rarely enter the hopper area. Entering the hopper creates a safety issue where as the driver is now exposed to the trucks hydraulic packing mechanism and the trash. Our hopper and pendulum packing mechanism allows trash to be dumped directly on top of it. This means it will pack the trash without trash getting stuck behind or on top of the packing mechanism. Our competitors use a traditional blade packing mechanism. This type of packing system allows trash to get stuck behind and on top of the packing blade. The driver/operator has to physical clean out behind the blade with a shovel at the end of every day's routes. Drivers have been seriously injured and/or killed because packing blades have retracted on them crushing them between the blade and the truck body. Pendpac has removed this threat by using a unique and patented Pendulum Packing system.



### **Advanced Hydraulics design**

The Pendpac Pendulum packer and hopper are designed so access to the hydraulic cylinders is safely outside of the hopper and body area. Our competitors traditional packing blade systems have the cylinders inside the hopper area. This means mechanics must climb inside the confined hopper space to remove, repair, and replace hydraulic cylinders and components. Pendpac has eliminated this safety hazard in its unique hydraulic design.



The Predator combines the strength of an Impac with the collection system for leaves and light debris. This year-round multipurpose trash and refuse vehicle is unmatched in its versatility. The super-hardened AB (Abrasive Resistant) steel mulching blades chop small branches, leaves, and grass cuttings (wet or dry) into tiny bits allowing for greater load compaction. The main cylinder compartment is sealed through the use of a full-gate seal and a sealed plexiglass operator view window on the front. The exhaust vent has a "Flutter Shield" to help keep out the rain when not being used as a leaf collector. With the use of the Impac body as a base, you get an active compaction system. By packing the load you spend more time working, and less time traveling, unloading, and traveling back from the waste / recycling site.

#### **Active Compaction System**

By compacting the load with a 2 stage, double acting cylinder, the driver spends less time at the dump and more time collecting leaves.

#### **Heavy Duty Vacuum**

32" diameter impeller constructed of abrasive resistant T-1 steel can handle the toughest debris. A single operator from within the truck cab can also operate the vacuum providing speed and driver safety.

#### **Versatile**

Can be used year round as a leaf / debris collector and a refuse collector.

#### **Belt-Driven Blower Assembly**

Power is transferred from the engine to the suction impeller by a 4-groove power band. This allows maximum suction with the added safety feature of shock absorption when undesirable material is vacuumed.



The Sprinter is the ideal choice for those who need solid reliability and quick route times built into one solid package. The advanced design delivers a lower total vehicle weight and allows for a higher packing capacity than our competitors. This allows greater flexibility and lower Total Cost of Ownership (TCO) for our customers compared to other commercial side load products.

### **Environmental Benefits**

Because of the Sprinters light weight, high compaction, and speed in operations, Pendpac increases fuel efficiency and decreases fossil fuel impacts. The ARM is a zero lateral movement arm. This means that the arm has no kick out lowering the chances of debris spillage onto the adjacent hard top. This benefit allows trash to remain in the hopper and body and not on the ground increasing the environmental cleaning capabilities of the truck. Also, due to the speed and combined with the lightweight body design, the trucks are more fuel-efficient.

### **Low Maintenance**

The state of the art Hydraulic system maximizes a large volume, low-pressure design that increases the maximum efficiency of the system while lowering maintenance costs.

### **Low Profile**

The Sprinter was designed from conception to be shorter in height yet pack amazing amounts of refuse. This allows the Sprinter to travel under bridges and low overpasses. It also allows the Sprinter to be highly maneuverable in alleys and cul-de-sacs allowing for an unmatched flexibility in a refuse fleet. The low profile lift arm provides more lifting strength and capacity. This feature provides safety for operators while reducing collateral damage to surrounding buildings, gutters, fences, and other structures.



## **Speed**

The ARM moves from ground to ground operation at a lightening 20 seconds. This allows for maximum curbside pick up in less time. Because of the speed, trucks and drivers become more efficient reducing route times and driver fatigue. The ARM has two reach options: 30 inches (3000 lbs.) or 48 inches (2000 lbs.) providing ultimate flexibility.

## **Driver and Mechanic Safety**

The motion of the ARM is fluid and constant with smooth transitions on all pick up loads up to 400 gallons. This decreases driver fatigue and repetitive motion injuries due to rocking. The design has an above frame lifting mass providing easy access to valves and all filters making it safer for maintenance. All functional controls are located

The Impac is a perfect solution for those seeking the most from their waste transportation systems. The Impac is a side loading compaction system perfect for commercial side load containers. And being fully automated for the one man, "in-cab" operation with its large hopper area, it helps to keep overhead down allowing for more time spent "picking up" and less time dumping.

The Impac is manufactured in a variety of capacities from 20 to 33 cubic yards. You also have a choice of right or left side pickup styles with many standard features that are considered optional on other vehicles. The Impac is quick, having cycle times less the 30 seconds when handling Steel or plastic containers, from 24" to 55" in diameter.

This proven body design allows rural private and municipal garbage haulers to operate an automated commercial fleet at a cost effective price.

# RAV ARM

The RAV ARM represents a unique and reliable solution to the market with its ability to adapt and be retro-fitted to our competitors trucks. This allows all fleets the capability to benefit from the Pendpac RAV ARM. It's all the RAV!

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# PARTS PAVILION

Pendpac refuse vehicle parts are offered exclusively through the Pendpac Parts Pavilion and Pendpac authorized dealers. The quality and reliability of Pendpac Parts are second to none in the industry. Pendpac Parts Pavilion Depots are located throughout the United States and Canada.

Pendpac offers a great selection of parts at unbeatable prices.

The parts pavilion is available online at  
[www.pendpac.com](http://www.pendpac.com)

phone: 602-476-2777

email: [parts@pendpac.com](mailto:parts@pendpac.com)

Only Pendpac OEM parts may be used for vehicles under warranty. Pendpac also offers parts and ARM replacements for the following product lines\*: McNeilus™, Heil™, Wittke™, Leach™, Labrie™ and many others.

\*McNeilus, Heil, Wittke, Leach, and Labrie brands are owned by their respective companies. Pendpac does not represent any rights or partnership with any of these companies.



# PENDPAC

Pendpac is a cutting edge innovator and manufacturer in the Solid Waste Collection and Transportation Industry. The waste collection industry has been waiting for an innovation such as this. High speed waste collection, compaction at idle speeds (or even while "on the move"), no kick out, and less dependence on failure prone mechanical switches are just some of the benefits of Pendpac products.

Pendpac continues to lead the industry in environmental and efficient waste collection vehicles with award winning product designs and consistent growth that have revolutionized the way waste collection is handled.

## Service and Support

Technical support services for partners and customers are a staple of providing great customer service. The Pendpac support team is a highly trained technical group focused on fast and efficient resolution to customer and partner issues. All support or warranty claims may be requested through Pendpac's state-of-the-art service ticketing system online at:



# www.pendpac.com

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