

REFUSE COLLECTION



McNeilus
GET IN.

OSHKOSH CORPORATION AND McNEILUS

SUPERIOR SOLUTIONS TO IMPROVE YOUR BOTTOM LINE.



Founded in 1917, Oshkosh Corporation is a Fortune 500 Company that partners with its customers to deliver superior solutions to safely and efficiently move people and materials at work, around the globe and around the clock. Oshkosh Corporation is a leading designer, manufacturer and marketer of a broad range of commercial vehicles and vehicle bodies, access equipment, specialty military vehicles, and fire and

emergency apparatus. Oshkosh products are valued worldwide for their high quality, rugged reliability and durability.

Oshkosh has manufacturing operations in eight U.S. states and in Australia, Belgium, Canada, China, France and Romania, as well as through an investment in a joint venture in Mexico. The company employs approximately 12,000 people worldwide.



By virtue of its membership in Oshkosh Corporation's Oshkosh Commercial Group (which includes IMT, London Machinery, CON-E-CO and Oshkosh S-Series® mixer vehicles), McNeilus Truck & Manufacturing, Inc., enjoys the distinct advantage of being a recipient of the shared technologies and best practices of these companies known for products of superior performance in the most severe-duty environments.

Our customers are direct beneficiaries of this extraordinary resource.

At McNeilus, our commitment is to listen to our customers and to never stop improving the products, services and innovations that they need to operate more efficiently and effectively.

McNeilus

1991	1992	1993	1994	1995	1996	1998	1999	2000	2001	2002	2005	2006	2009	2011	2012	2013	2014	2015
<p>McNeilus Truck & Manufacturing, Inc., adds refuse vehicles to their lineup</p> <p>Pac Star Rear Loader is unveiled</p>	<p>Standard and Heavy Duty rear loaders set new benchmarks for durability and reliability</p>	<p>Extra Compaction (XC) Rear Loader model debuts</p> <p>McNeilus builds the FL93, its first front-loading refuse truck</p>	<p>Manual Side Loader introduced</p> <p>The Automator becomes the first automated side loader product</p>	<p>Century Series of refuse bodies showcase design innovation</p> <p>Automation begins to shape the future of the industry</p>	<p>Roll-offs are added to product line</p> <p>Century II Recycling Side Loader is unveiled</p> <p>Innovative AutoReach® Automated Side Loader arm launched</p>	<p>McNeilus Truck & Manufacturing, Inc., joins Oshkosh Corporation</p>	<p>Atlantic Series Front Loader® is launched for heavy duty routes</p>	<p>Pacific Series Front Loader® introduced as a lighter option to comply with stringent weight laws</p>	<p>Street Smart Parts™ is formed and revolutionizes customer support services</p>	<p>Automated line grows with the flexible Manual/Automated Side Loader</p>	<p>Excalibre™ high-performance packing cylinders are available on all McNeilus bodies</p>	<p>London Machinery becomes sole Canadian McNeilus distributor</p> <p>Street Smart Parts™ & Service add focus to service</p>	<p>Command Zone™ multiplexed controls speed troubleshooting</p> <p>NGEN™ alternative fuels brand is launched with own-brand CNG systems</p>	<p>AutoReach® Automated Side Loader adds 2nd-generation enhancements</p> <p>Contender® expands the front loader product line</p>	<p>Street Smart Parts™ launches e-commerce website</p> <p>Split Body Rear Loader is developed for dual stream routes</p>	<p>Street Smart Vision™ system adds touchscreen controls</p> <p>Street Smart Parts & Service opens its 22nd branch, with more planned</p>	<p>Pacific Series® Ultra Front Loader debuts as the lightest weight front loader in the line</p>	<p>McNeilus repositions itself and its brands</p> <p>Organics Package released for rear loaders to meet industry trends</p> <p>Meridian™ Front Loader is unveiled with the NGEN™ Tailgate CNG system</p>
 									 			 	 	 				  

MERIDIAN FRONT LOADER

McNeilus is synonymous with innovation. We build every product with the goal of meeting and exceeding the customers' needs. Cutting-edge technology and the voice of the customer are exactly what went into creating our newest front loader. Meet the Meridian!

It's lighter weight, at a base body weight of 17,100 pounds. It's powerful, with 10,000-pound-rated arms. And, it can carry more, at a maximum carrying capacity of 14 tons. Plus, it comes standard with Excalibre™ packing cylinders that provide a harder surface (over chrome cylinders), which resists wear and corrosion, and a patented tool steel shaver and seals drastically reduce hydraulic contamination.

This front loader, available in a 40-cubic-yard body size, provides a perfect balance of performance and versatility for commercial and residential routes.

And that's just the beginning.



Features & Benefits

- Clear headframe means hydraulic and electrical components are kept away from hot exhaust and refuse debris.
- Side-of-body hydraulic enclosures provide easier access and serviceability.
- Flat body and hopper floor design provide support for best-in-class carrying capacity.
- Non-sliding tailgate provides less wear on the tailgate seal, and easier-to-deploy tailgate props offer improved access.
- Arm and fork position sensors improve the operator experience and offer greater control.
- McNeilus CODE provides simplified CAN-based controls, with superior diagnostics and

troubleshooting at your fingertips. Plus, electronic proportional commercial and residential joysticks.

- McNeilus' **NGEN Tailgate CNG** system available for Meridian in 60, 75, 90 and 105 DGE capacities, as well as other NGEN CNG configurations. **Learn more in the NGEN CNG section of this brochure.**

ATLANTIC FRONT LOADER

Rugged. Reliable. Resilient. When you want a front loader that will get you the most for your money, you want the McNeilus Atlantic Series Front Loader.® Productive and heavy duty, it's built to take on your toughest routes.

The Atlantic also exhibits McNeilus' standard for superior technology with CAN-based controls that offer convenience for the operator and maintenance personnel, alike. The system features sealed keypads, backlit screens, vehicle status lights and unmatched diagnostics capability, all while providing reliable performance backed by our experience in CAN-based systems.

With other features such as McNeilus' Excalibre™ cylinders that help prevent hydraulic contamination, AR450 abrasion resistant steel and arms rated to lift up to 10,000 pounds, this truck doesn't quit!



Features & Benefits

- Body sizes: 36, 40, 43, 45 cubic yards
- 10,000-pound-rated arm capacity
- Compaction force of 118,800 pounds. It packs almost any type of refuse you can throw at it.
- Body and tailgate walls built with 1/8" AR450 steel for increased durability and strength.
- Combination of the large 12-cubic-yard hopper, fast pack cycle and pack-on-the-go flow control system help make you more efficient.
- Exclusive McNeilus® Excalibre™ cylinders feature hardened nitrided rods and a patented tool steel shaver, drastically reducing hydraulic contamination.
- Eight-point automatic locking tailgate helps ensure it stays shut and eliminates potential for leakage.
- McNeilus' **NGEN Tailgate CNG** system available for the Atlantic in 60, 75, 90 and 105 DGE capacities, as well as other NGEN CNG configurations. **Learn more in the NGEN CNG section of this brochure.**

ULTRA FRONT LOADER

You asked, we listened. We took the voice of our customers and put that to work with more than 100 years of knowledge and industry experience to create the lightest weight and durable front loader on the road – the McNeilus Ultra Pacific Series Front Loader®.

Just some of the engineering advancements include lighter, yet sturdy, forks; lighter aluminum top door and canopy; and rounded hopper and body floors that allow this truck to carry 11 tons while optimizing weight and capacity.

When your routes demand a refuse collection vehicle that can meet stringent weight restriction laws, and still get the job done, GET IN with the Ultra Pacific Series Front Loader. This truck hits the street at less than 16,000 pounds, including common fleet options.



Features & Benefits

- Available in a 40-cubic-yard body size
- Redesigned packer, ejector track and slide shoes reduce ejector torque and vehicle weight.
- Single-piece headframe allows packer to retract farther forward and increases strength.
- Available axle scales integrated into the control system help to regulate vehicle weight.
- Other features to help reduce weight, without sacrificing durability, include aluminum top door, lighter forks, bolt-on aluminum fenders, and a rounded floor to optimize weight and capacity.
- Non-sliding tailgate provides less wear on the tailgate seal, and easier-to-deploy tailgate props that offer improved access.
- McNeilus® Excalibre™ cylinders feature hardened nitrided rods and a patented tool shaver that keep refuse debris out, reducing hydraulic contamination.

CONTENDER FRONT LOADER

The Contender® Front Loader delivers optimal payload and durability for both commercial and residential haulers. It's available in a range of body sizes to meet your needs and offers excellent capacity with its large 12-cubic-yard hopper.

Like the rest of our product lineup, this middleweight refuse vehicle packs a punch, engineered with high-strength AR450 steel and Excalibre™ packing cylinders that drastically reduce the potential for hydraulic contamination. Ergonomic CAN-based controls and electronic system offer some of the best technology in the industry. Developed with the operator in mind, the controls are designed for easy use.



Features & Benefits

- Available in a range of body sizes: 32, 36, 40 and 43 cubic yards.
- Body and tailgate walls built with 1/8" AR450 steel for durability and strength.
- 12-cubic-yard hopper and flat floor offer excellent capacity.
- Fast pack cycle and pack-on-the-go flow control system help make you more efficient
- Canopy offers excellent coverage on all chassis cabs.
- Eight-point automatic locking tailgate helps ensure it stays shut and eliminates potential for leakage.
- McNeilus® Excalibre™ cylinders feature hardened nitrided rods and a patented tool shaver that keep refuse debris out, reducing hydraulic contamination.

ZERO RADIUS SIDE LOADER

There can be a lot of obstacles to handle on a daily collection route: narrow streets and alleyways, clearance issues around containers. Get over these hurdles with the McNeilus Zero Radius™ Automated Side Loader.

This advanced refuse truck offers an innovative, yet simple, zero radius operation. The arm reaches rather than swings out, so you don't need a wide clearance to grab cans. With optional 12-foot extended reach, it's even easier to navigate cul-de-sacs and obstructions such as parked cars. This field-proven arm can also handle some of the densest routes.

Other advances include the McNeilus CODE system. These simplified CAN-based controls provide complete vehicle diagnostics at your fingertips. Plus, there's an integrated smart fuse panel, reduced hardware requirements, pre-trip reminders, status messages and more!



Features & Benefits

- Body sizes: 22, 24, 26, 27, 28, 31 cubic yards
- Largest hopper available of any side loader, and extremely fast pack cycle
- Load-sense hydraulics offer major fuel cost savings, and system provides integrated protection sensors.
- Full-eject body keeps the driver in the cab during load ejection, decreasing exposure to hazards, reducing chassis wear and simplifying operation.
- Smooth operate-at-idle arm, with electronic proportional controls, improves driver comfort by dramatically reducing body sway and noise.
- Arm's grabber assembly picks up cans from 30 to 110 gallons, and side-of-body mounting rather than over the hopper, reduces stress on the vehicle frame.
- McNeilus® Excalibre™ cylinders feature hardened nitrided rods and a patented tool shaver that keep refuse debris out, reducing hydraulic contamination.

AUTOREACH SIDE LOADER

Get up close with one of the strongest side loaders in the industry. The AutoReach® Automated Side Loader is equipped with an arm lift capacity of 2,000 pounds. It's also the only side loader in the industry that can reach side-to-side, as well as out.

The innovative design of the AutoReach arm enables it to articulate side-to-side in an 8-foot arc, making obstacles easier to manage. The arm's grabber assembly can easily grasp cans from 30 to 110 gallons and optional extended fingers can handle cans up to 300 gallons.

To add to the benefits of this unique side loader, all functions can be operated at idle speed, keeping noise at a minimum and fuel consumption down.



Features & Benefits

- Body sizes: 22, 24, 26, 27, 28, 31 cubic yards
- The only side loader that can articulate from side-to-side. The 8-foot arc allows for extreme agility around obstacles and tight spots.
- Arm rated to lift 2,000 pounds, one of the strongest among side loaders in the industry.
- Tandem pump allows for operation of all functions at idle speed, keeping noise and fuel consumption low.
- Grabber assembly grasps cans from 30 to 110 gallons; optional extended fingers handle cans up to 300 gallons.
- Maximizes efficiency and capacity, featuring a large hopper with 4.7 usable cubic yards.
- Excalibre™ cylinders designed exclusively for the AutoReach are specifically equipped to handle high cycle counts, as well as improve cylinder life and total cost of ownership.

MANUAL/AUTOMATED SIDE LOADER

Collection routes can be unpredictable when it comes to what's sitting next to the curb. The McNeilus Manual/Automated (MA) Side Loader takes out some of the guesswork with an automated arm plus a manual loading mechanism that makes it the most flexible refuse truck on the market.

The simple-to-operate arm handles residential cans efficiently. The low height hopper sill also allows the operator to manually throw in the "little extras" that often come with residential trash collection routes. And, an optional cart tipper lets you collect from both sides of the street.

This versatile vehicle can also be ordered without the arm as a strictly manual side loader. The drop frame and lower hopper sill make it ideal for single-man routes or recycling routes, allowing the operator to easily and efficiently dump totes.



Features & Benefits

- Body sizes: 20, 22, 26, 28 and 31 cubic yards
- Side arm for automated collection and a low-height hopper for easier manual loading.
- With an arm reach of 6 feet, lift capacity of 500 pounds, smooth operation and one-button pickup, it can handle cans of almost any size.
- Low sill height for easier loading of the "extras;" optional cart tippers allow collection from both sides of the street. Plus, a simple-to-operate tilt dump body.
- Arm and packer operation at idle speed keeps noise to a minimum and lowers fuel consumption.
- Use it as a strictly manual side loader. With its drop frame and curbside hopper, its ideal for single-man routes.
- McNeilus® Excalibre™ cylinders feature hardened nitrided rods and a patented tool shaver that keep refuse debris out, reducing hydraulic contamination.

STANDARD REAR LOADER

Looking for a refuse vehicle that sets the bar for all others? Find it here with the top workhorse in the industry. You'll get reliable performance and one of the most versatile rear loading refuse trucks, with features and options, such as a container tipper kick bar for commercial pickup and cart tippers for residential routes, to make collection easier. Our rear loader design also requires less maintenance over the competition, such as fewer lubrication points on the tailgate and self-lubricating slide shoes.

The McNeilus Standard Rear Loader is the ultimate go-to refuse vehicle. It is the most requested, productive and dependable rear loader for residential and light commercial routes.



Features & Benefits

- Body sizes: 17, 20, 25, 28, 32 cubic yards
- Options to accommodate domestic and international refuse collection.
- Maximizes efficiency with a 16- to 18-second pack cycle time that keeps the hopper clear, saving time on densely populated routes.
- Top-quality abrasion resistant steel featured in the rear loader's highest wear areas – the hopper and rear of body.
- Built to simplify maintenance with fewer service points and cycle times that help boost productivity, increasing your efficiency.
- Highest resale value of any similar refuse truck on the market.
- Optional McNeilus® Excalibre™ cylinders feature hardened nitrided rods and a patented tool steel shaver that keep refuse debris out, reducing hydraulic contamination.

HEAVY DUTY REAR LOADER

Need a reliable rear loader like our Standard, but with a little more compaction power? We've got the solution! The Heavy Duty (HD) Rear Loader can get your hefty jobs done, equipped with larger cylinders and increased compaction force that give this truck the ability to pack up to 1,000 pounds of refuse per cubic yard.

A quick pack cycle time and large 3-cubic-yard hopper also mean you're equipped to run longer routes.

For routes that require you to carry a lot of payload, we've also got an answer for that. The HD is available with a 3.5-cubic-yard hopper, for when you need a little more loading capacity.



Features & Benefits

- Body sizes: 20, 25, 28, 32 cubic yards
- Increased compaction force that can handle up to 1,000 pounds of refuse per cubic yard.
- Fast 18- to 20-second pack cycle time and pack-on-the-go hydraulics keep the hopper clear and help save time, especially on routes crowded with stops.
- Tough abrasion resistant steel used in the rear loader's highest wear areas, featuring 3/16" 1/4" AR200 on the hopper floor and AR450 on the tailgate sidewalls.
- Like all McNeilus rear loaders, the Heavy Duty draws a top resale value of any similar refuse truck.
- Optional McNeilus® Excalibre™ cylinders feature hardened nitrided rods and a patented tool steel shaver that keep refuse debris out, reducing hydraulic contamination.

EXTRA COMPACTION REAR LOADER

When you pack even more power into a collection vehicle, you get the ideal rear loader for tough jobs. The Extra Compaction (XC) is robust, built with more hopper capacity and more compaction force to take on your toughest routes.

With features such as a larger 3.5-cubic-yard hopper, slide and sweep cylinders that can pack up to 1,200 pounds per cubic yard, and a tailgate liner, the XC is perfect for commercial use and demolition stops.

An XXC package is also available for even more demanding routes that includes a thicker body floor, reinforced load edge and extended tailgate seal.



Features & Benefits

- Body sizes: 25, 28, 32 cubic yards
- Increased compaction force that can handle up to 1,200 pounds of refuse per cubic yard.
- Fast pack cycle time and pack-on-the-go hydraulics keep the hopper clear and help operators save time, especially on routes crowded with stops.
- Tough abrasion resistant steel used in the rear loader's highest wear areas, featuring 3/16" 1/4" AR200 on the hopper floor and AR450 on the tailgate sidewalls.
- Like all McNeilus rear loaders, the Extra Compaction commands a top resale value of any similar truck on the market.
- Optional McNeilus® Excalibre™ cylinders feature hardened nitrided rods and a patented tool steel shaver that keep refuse debris out, reducing hydraulic contamination.

SPECIALTY REAR LOADERS

SPLIT BODY / TAG AXLE / M5

Many refuse haulers have unique needs that require a special kind of collection vehicle. These three rear loaders fit the bill when it comes to flexibility. They're meticulously built with durable details like all of our refuse vehicles, along with some defining characteristics.

The **Split Body** is designed specifically for dual stream routes. It's available in two body sizes and configurations, with tailgates that operate independently to make commingled collection easier. When paired with the McNeilus Rear Loader Organics Package option, it makes an ideal truck for organic waste pickup.

The **Tag Axle** is ideal for haulers who want to carry optimal payloads while complying with weight restrictions and state roadway laws.

The 11-yard **M5 Rear Loader** is designed to be nimble and maneuverable in tighter places, perfect for serving smaller routes or tightly-packed communities.

Split Body Features & Benefits

- Available in body sizes of 25 and 32 cubic yards, with 40/60 or 75/25 configurations to better meet your needs.
- Tailgates operate independently and feature controls on both sides, allowing packing from either side of the truck.

- Automatic tailgate locks allow operators to eject payloads from inside the cab at mixed-use recycling centers, reducing exposure to outside hazards.
- With its commingled collection capability, it improves your carbon footprint by eliminating the need for another truck to pick up recyclables.

- Reputation for dependability and durability, like our other rear loader products.
- Optional McNeilus® Rear Loader Organics Package offers the flexibility to collect organic waste with a lot less mess. **Learn more in the Organics Package section on the following pages.**



Tag Axle Features & Benefits

- Body sizes: 25, 28, 32 cubic yards
- The only rear loader with the tag axle built into the tailgate, providing for more carrying capacity in weight-restricted areas.
- Unique design provides long-lasting reliability and better weight distribution.
- Heavy duty pack and sweep cylinders offer the power to crush refuse at up to 1,000 pounds per cubic yard.
- Tag axle lifts with the tailgate when the payload is ejected, keeping it clear of trash.



M5 Features & Benefits

- With an 11-cubic-yard body size, this rear loader is built compact, yet sturdy, with the ability to maneuver through narrow streets and tight spots, while handling demanding routes.
- Quick pack cycle time and pack-on-the-go hydraulics keep the hopper clear and help save time, especially on crowded routes.
- Built to simplify maintenance with fewer service points and cycle times that help boost productivity.

SPECIALTY REAR LOADERS

METRO-PAK REAR LOADER

When you require something that meets the following needs:

- Efficient and productive
- Configurable for international requirements
- Easy to maintain and service
- Lighter weight and durable

We've got the Metro-Pak.

This Rear Loader is perfect for domestic and international haulers looking for a reliable product that provides efficiency and versatility on a single-axle chassis.

Available in 14-, 17-, 20- and 25-yard body configurations, the Metro-Pak offers quality and performance, and it's built to cater to customers that need a lighter weight rear loader that's durable and simple to maintain.



Metro-Pak Features & Benefits

- Body sizes: 14, 17, 20, 25 cubic yards
- Built specifically to cater to markets requiring a lighter weight truck that's heavy duty enough to handle any residential route.
- Compact, sturdy and designed to maneuver through tight spots and twisting turns.
- Able to meet collection demands worldwide with options to fit specific customer needs.
- Mechanical tailgate controls with integrated in-cab dash controls.
- Built to make maintenance easier with fewer service points, such as lube locations, and simple daily pre-trip requirements.
- Optional McNeilus® Excalibre™ cylinders feature hardened nitrided rods and a patented tool steel shaver that keep refuse debris out, reducing hydraulic contamination.

GLOBAL

M2 REAR LOADER

Customers like options. And that's why we've got another solution for global refuse collection needs. The M2 Rear Loader is ideal for international haulers looking for a lighter weight rear loader. It's also built for reliability and with an easy-to-maintain body that can be mounted on a single-axle chassis.

With many of the same attributes as our Standard Rear Loader, the M2 is available in 17-, 20-, 25-, and 28-cubic-yard body configurations. It's rugged design and low cost of maintenance make it an attractive global option.



M2 Features & Benefits

- Body sizes: 17, 20, 25, 28 cubic yards
- Built specifically to cater to markets that require a truck that's efficient, easy to maintain and heavy duty.
- Quick 18- to 20-second pack cycle time that maximizes efficiency and keeps the hopper clear.
- One of the most requested, productive and reliable rear loaders across global markets for residential and commercial routes.
- Able to meet collection demands worldwide with options to fit specific customer needs.
- Like the Standard, this rear loader commands a top resale value of any similar truck on the market.
- Optional McNeilus® Excalibre™ cylinders feature hardened nitrided rods and a patented tool shaver that drastically reduce hydraulic contamination.

McNEILUS ORGANICS PACKAGE

PUT A LID ON ORGANICS COLLECTION

A trend is on the rise in the refuse industry, and that's the increasing demand for organic waste pickup. The **McNeilus Rear Loader Organics Package** was developed to answer the call for a solution that would allow for better collection and containment of wet, heavy food waste and other organic material.

This exclusive option is available for all McNeilus rear loader models, and can be requested as a retrofit application for trucks already in your fleet.

The unique design and features of this Organics Package have been proven to greatly reduce leaking associated with liquid waste.



McNEILUS CODE

WE PUT CONTROL IN YOUR HANDS



Key Advantages and Features

- Standard 40-gallon leachate tank and drain port divert liquid from the body and contain it for easier disposal (50-, 60-, and 90-gallon tanks optional).
- Sweep panel seals and brush skirting help contain liquid as organic material is compacted.
- Load Edge Extensions increase hopper edge height to help stop liquid from escaping.
- Extended tailgate seal protects against leaks along the full height of the tailgate.
- Optional Excalibre™ slide and sweep cylinders protect against hydraulic contamination that can be caused by organic material, increasing your uptime.

Simple, yet powerful CAN-based controls that are on-demand and designed with maintenance, service and the operator in mind.

- The ultimate in complete diagnostics at your fingertips, so you can troubleshoot efficiently from inside the cab.
- More powerful system reduces hardware requirements and improves usability.
- McNeilus CODE system saves you time. With an integrated “smart” fuse panel, it can tell you the location and function of a blown fuse without having to search for it first.
- Electronic proportional capability, such as with the joystick, offer better control and functionality.
- All wiring is color-coded and labeled to correspond with information shown on the display, including connector and circuit numbers.
- Start-up display screen shows operator pre-trip reminders to ensure vehicle is in optimal condition.
- Adjustable parameters for route-specific needs – arm speeds, cushioning zones and pack cycle functions.
- Display shows vehicle status messages and maintenance reminders.
- Currently available for the Meridian Front Loader and Zero Radius Side Loader models.

NGEN™ CNG powered by McNeilus

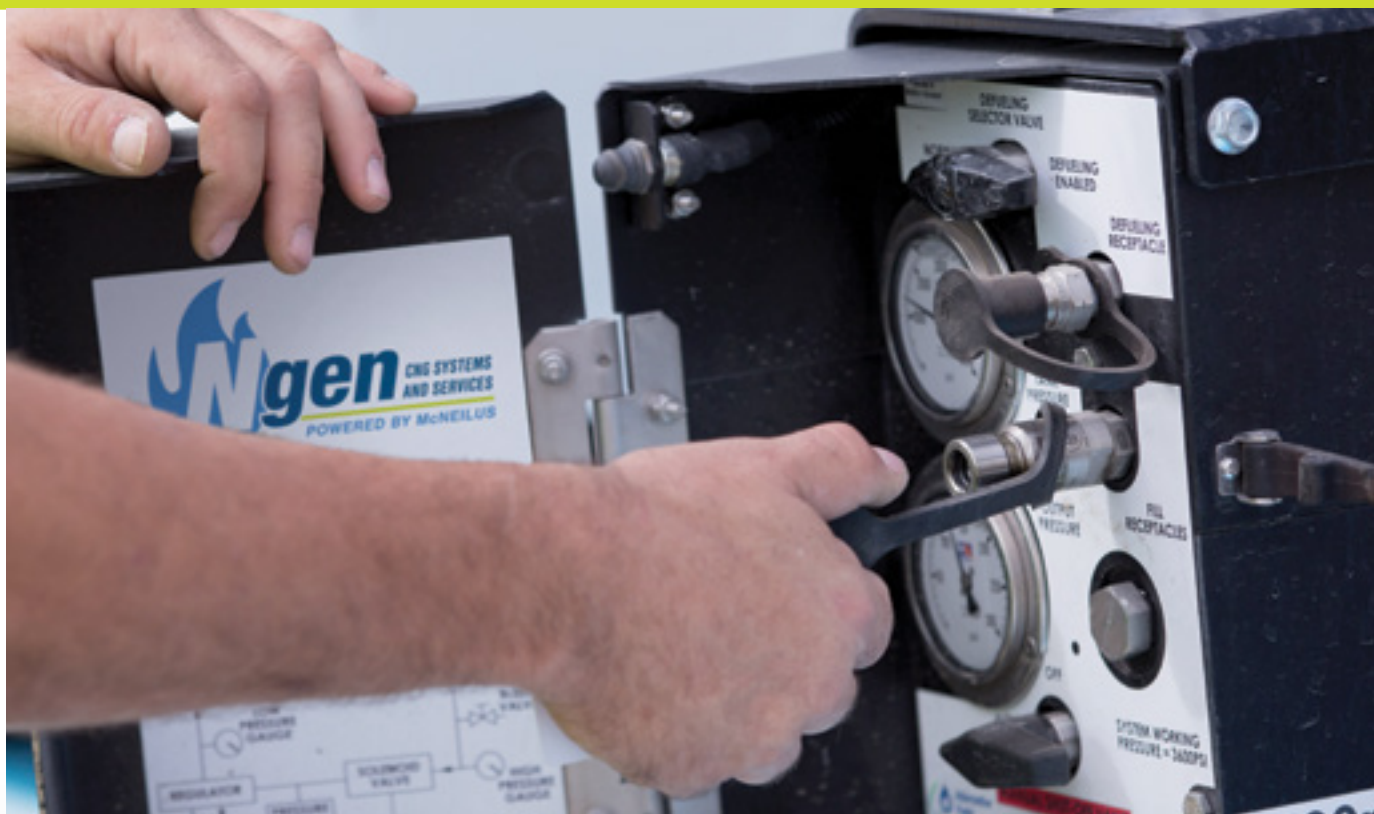
CERTIFIED. POWERFULLY EFFICIENT.

COST EFFECTIVE.

McNeilus Next Generation (NGEN™) initiatives promote alternative-fuel-powered solutions for heavy-duty fleets of all types. NGEN initiatives are supported by a comprehensive, factory-direct sales and service network. McNeilus is leading the drive toward the next generation of vehicle solutions.



McNeilus CNG-powered refuse trucks are built for a rugged construction environment. Designed with the operator and service team in mind, they are configurable to meet your needs. We've led the way in offering refuse haulers a fully tested and integrated CNG system. And now it's even better.



Fuel Control Module

- Time filling or fast-filling configurations
- Swing-open maintenance door for accessing coalescing filter and bleeder valve
- Remote fill ports that utilize the internal check valve
- Standard cap buzzer for fueling hose connection alert to help stop “drive-offs”
- Standard NGV1 fueling receptacle
- Optional transit fill (higher flow) receptacle

Fuel Storage Pod

- Boss-mounted tanks and integrated 3/16-inch steel guards
- Tanks are exclusively ANSI NGV 2 Type 3 & 4 for light weight and long life
- 40 to 86 Diesel Gallon Equivalent (DGE) systems to meet your fleet requirements
- All-aluminum covers are easily removed for inspection and service
- Designed to maximize ground clearance

Plumbing

- CNG-formed lines, O-ring face seal fittings and 5,000 psi working pressure
- Spring strain relief at fittings prevent fatigue and damage
- Minimal connection points to deliver consistent, reliable fuel flow
- Continuous protection thermal pressure relief devices that safeguard the entire tank length and reduced high-pressure plumbing
- Entire system fully integrated into chassis

Factory Installed and Backed

- CNG systems installed, fueled and tested at the factory
- More than 5,100 CNG vehicles in the field
- Meets all NFPA-52 Standards
- Factory-owned service centers stock parts and components
- Factory-trained service personnel for 3-year, 36,000-mile FMVSS 304 inspections

▲ WHAT'S NEW: NGEN Tailgate CNG systems

- NGEN Tailgate CNG available in 60, 75, 90 and 105 DGE capacities
- McNeilus Strike Protection provides a sturdy steel covering that protects key components
- Streamlined system with 25% reduction in plumbing components and 50% fewer fitting connections
- Toolboxes integrated into the tailgate
- Easier to deploy tailgate props that don't obstruct access between tailgate and body

STREET SMART BY McNEILUS

We stock parts for all makes & models. And we deliver quality.

On the job you need performance—not excuses. We work hard to be there with what you need, when you need it. Count on our direct-to-you parts and service network, and a complete line of top quality OEM parts and components for all makes and models.

Buy once. Buy right. Buy smart.

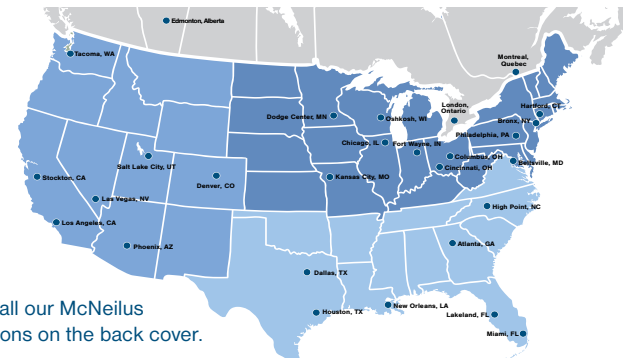
Our customer service representatives are seasoned industry veterans—and they're ready to take your call. Twenty-eight factory direct locations across North America mean you have access to an extensive on-hand parts inventory. Get back on route quickly, cost-effectively and with the assurance of OEM quality.

Full service and on the road.

Along with parts, we offer exceptional service, including maintenance, repair and mobile on-site assistance at our service locations across the country.

STREET SMART
BY McNEILUS

McNeilus has more than 50 mobile service trucks and ►
branch locations across the country, with our technical
support staff standing by ready to serve you.



Street Smart meets web savvy.

Our dedicated parts website provides a “one-stop shop” for both parts and information. Order from our eCatalog, or access interactive parts catalogs, service/operators’ manuals, technical bulletins, safety signs and a host of other documents. Browse, search and toss a few things into your shopping cart. Print and pay invoices and even track your fleet info.

Questions?

View the site's FAQs and Help section, which includes a tutorial video.

If you're looking for a “no excuses” partner who can keep your fleet up and running, contact us at **www.StreetSmartParts.com**.

STREET SMART PARTS™

YOUR UPTIME IS OUR PRIORITY.

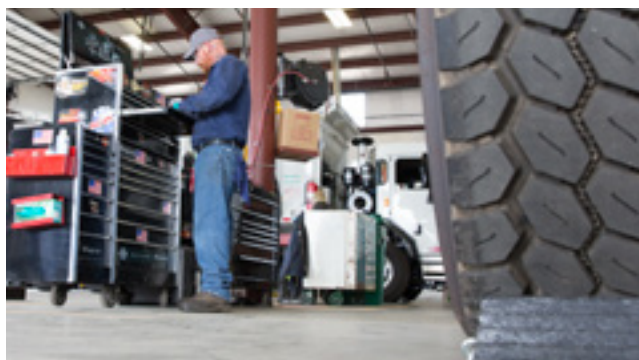
No matter what makes or models are in your fleet, McNeilus offers a wide selection of quality replacement parts that are always a call or click away. With 28 factory direct locations, the parts you need are always nearby and shipped quickly.



You'll find quality OEM McNeilus parts designed specifically for our products by our experienced and knowledgeable engineers, as well as parts we've improved on to fit most major competitors. All delivered whenever you need, wherever you want and at a reasonable price. And, our easy-to-use website means you can find parts easily, order them securely or just download a catalog. When it comes to your trucks, we've got what you need.

www.StreetSmartParts.com

888.686.7278



STREET SMART SERVICE™

UNMATCHED SUPPORT WHEREVER YOU NEED IT.

When you GET IN with McNeilus, you get the industry's most extensive network of service centers and certified technicians combined with a technical support hotline and mobile on-site assistance across the nation.



Give New Life to Your Equipment. ►

Our Street Smart Service™ includes a complete body refurbishment program – for all makes and models – to help you save money, reduce downtime and keep your fleet running strong. McNeilus can also help keep your Curotto-Can™ brand automated carry can running for less. Our Curotto-Can refurbishment program delivers new-equipment reliability at a far lower cost than buying new.

Help is Just a Phone Call Away

Find the answers you need with one simple call to 888.686.7278. Our support hotline is available 24/7, and McNeilus' technical service representatives offer a combined 137 years of experience to assist you with anything from a quick shop manual question to more technical troubleshooting.



AFTER



BEFORE



STREET SMART VISION™

BETTER VISION FOR DRIVERS. BETTER TRACKING FOR YOU.

Street Smart Vision™ by McNeilus provides fleet management solutions to improve operations, increase profitability, and provide complete visibility for fleets of all types. We've got you covered with multiple systems and flexible options that fit your needs. Complete visibility into truck and driver behavior. Plus, enhanced safety and security.



High-definition monitors and a series of cameras allow drivers a broader view of their surroundings. Add in fleet management software and DVR capability and you've got a system that enables full fleet monitoring and tracking. McNeilus installs, services and supports its vision systems through an expanding network of service centers across North America.

SSV Camera

- Designed for use in the harshest of environments
- Deliver high-quality video and audio
- 120-degree lens angle
- Waterproof
- Microphone equipped
- Infrared LED lighting



SSV7 System

- High-quality 7-inch LCD digital monitor
- Supports up to 4 cameras
- Single viewing option, with capability to cycle cameras
- Supports English, Spanish, French, Portuguese, Russian, Dutch, German and Italian
- Back-up view on-screen display
- LED backlit buttons



**SSV10 system shown*

SSV10 System

- On-board computer platform
- 10-inch display with adaptive backlit technology and DVR system
- Supports up to 8 cameras
- GPS tracking and live streaming video capability
- Remote vehicle system diagnostics
- Route management software
- Integration with billing and maintenance software



CONTAMINATION CONTROL

KEEP YOUR FLEET RUNNING CLEAN AND SMOOTH.

Keeping your trucks' hydraulic fluid in top shape is key to a healthy fleet. Street Smart Contamination Control™ offers the components and solutions needed to monitor and maintain optimal fluid cleanliness. The Smart Contamination Control (SCC) filtration station provides fast, reliable fluid testing and reports to make maintenance easier and efficient.



Excalibre™ cylinders also provide extreme protection against hydraulic contamination, featuring a hardened tool steel shaver that drastically reduces wear and contamination from refuse debris. Excalibre™ cylinders are standard with McNeilus front loaders and side loaders and optional with McNeilus rear loaders.

Up to 80% of all hydraulic system failures are directly related to contamination. Help increase component life and lower your operating costs with Street Smart Contamination Control™ and Excalibre™ cylinders.



SCC Filtration Station (above)

- Touchscreen, interfacing PLC, sensor monitoring and data entry program built in.
- Auto run/auto shutoff target cleanliness filtration and preventative maintenance information.
- Detailed fluid condition reports include ISO fluid cleanliness, percent of water in oil and oil temp.
- High-capacity filter housing using top-load filters with auto bleed valves for easier element service and no air-related faults.

Excalibre™ Cylinders (left)

- Cylinder rods hardened by salt bath nitriding provide the best protection against corrosion
- Patented M2 tool steel positive contact shaver resists wear long-term and prevents seal damage
- Shaver proximity to the cylinder rod allows it to better scrape off debris, surface imperfections and liquid as the cylinder retracts, helping to prevent contamination
- Low co-efficient of friction improves seal wear life

McNEILUS *GET IN*

25 YEARS
MCNEILUS
REFUSE
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1991-2016

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WE'VE GOT YOUR BACK. PERIOD.

We listen to our customers before, during and after the sale. Contact our dedicated network of branch offices and service centers. They're strategically located throughout North America. We offer same-day parts shipments, a stock truck program, used trucks and trade-in opportunities, leasing and financing options, and a 24/7 customer service hotline.

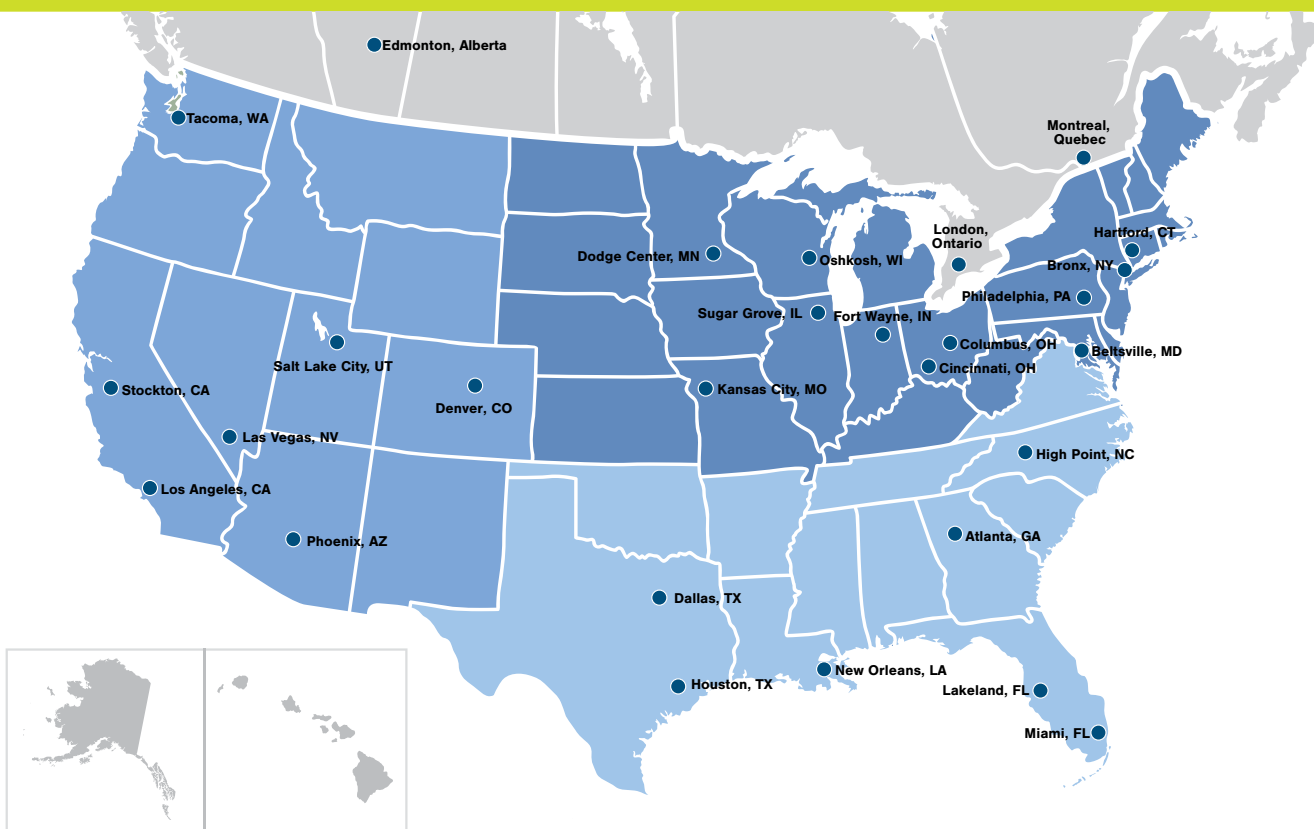
We pride ourselves on providing quality, including our top-of-the-line OEM parts, and parts for non-McNeilus products, that will bring new life to your entire fleet.



McNeilus

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