



COMMITTED TO YOUR SUCCESS
Cat[®] Scrap Recycling Solutions





COMMITTED TO SUPPORTING YOUR SUCCESS IN THE SCRAP RECYCLING INDUSTRY

The profit in scrap is found in the processing you do to transform it into a valuable commodity. You're part of a real sustainability success story. Our job is to help ensure the sustainability of your business with solutions to ensure **jobsite safety, machine versatility, high efficiency and low operating cost.**

Reduce Your Cost Per Tonne Safely

Get more done with versatile machines and work tools--durable work solutions that offer more uptime, lower lifetime owning and operating costs and, most importantly, the power to reduce your cost per ton of material moved.

Your Cat dealer understands your business and knows what it takes to maintain and increase productivity. The right machine for the job? Your dealer can help you choose the right solution for your application.

You may be able to increase productivity even with the same fleet. Ask about available operator training designed to help operators get more out of existing and new machines alike.

Quality equipment makes good operators even better. This can help help with employee recruiting and retention. Quality also means safety, with class leading access in and out of the cabs, all round visibility, rear and side view cameras, cab guarding and cab filtration for added operator protection.



DAMAGE PROTECTION

Equipment guarding and operator safety are paramount. That's why at Caterpillar we design application specific protection packages for vulnerable impact areas including cab, lighting and chassis components.



EXTENDED TIRE LIFE

The scrap industry is hard on tires. Puncture-proof Cat FLEXPOR™ tires ensure maximum uptime. And their exclusive elliptically-shaped sidewall ports produce a smoother, more cushioned ride for greater operator comfort, machine stability and extended tire life.



OPERATOR & MACHINE HEALTH

Poor air quality will have an effect on operators health and engine life in scrap applications. We use independent positive pressure air filtration systems for the operator cab and a turbine pre-cleaner filtration system for the engine that ensure improved operator comfort and longer engine life.



ENGINE OVERHEATING PROTECTION

Debris build up can negatively impact your cooling system, we have a solution. Our debris resistant cooling packages with reverse air flow fan design actively expels debris, keeping your system cleaner and cooler at the same time reduce fuel consumption.



SAFE ACCESS ENTRY/EXIT ON NEW MH3000 SERIES

Slips, trips and falls are a huge safety concern for owners and operators. The safe entry/exit offered by the new cab to ground hydraulic cab riser on the new MH3000 series material handlers eliminates these concerns. One step and you are in.

To find out about additional scrap-handling arrangements on our equipment, please contact your Cat dealer.

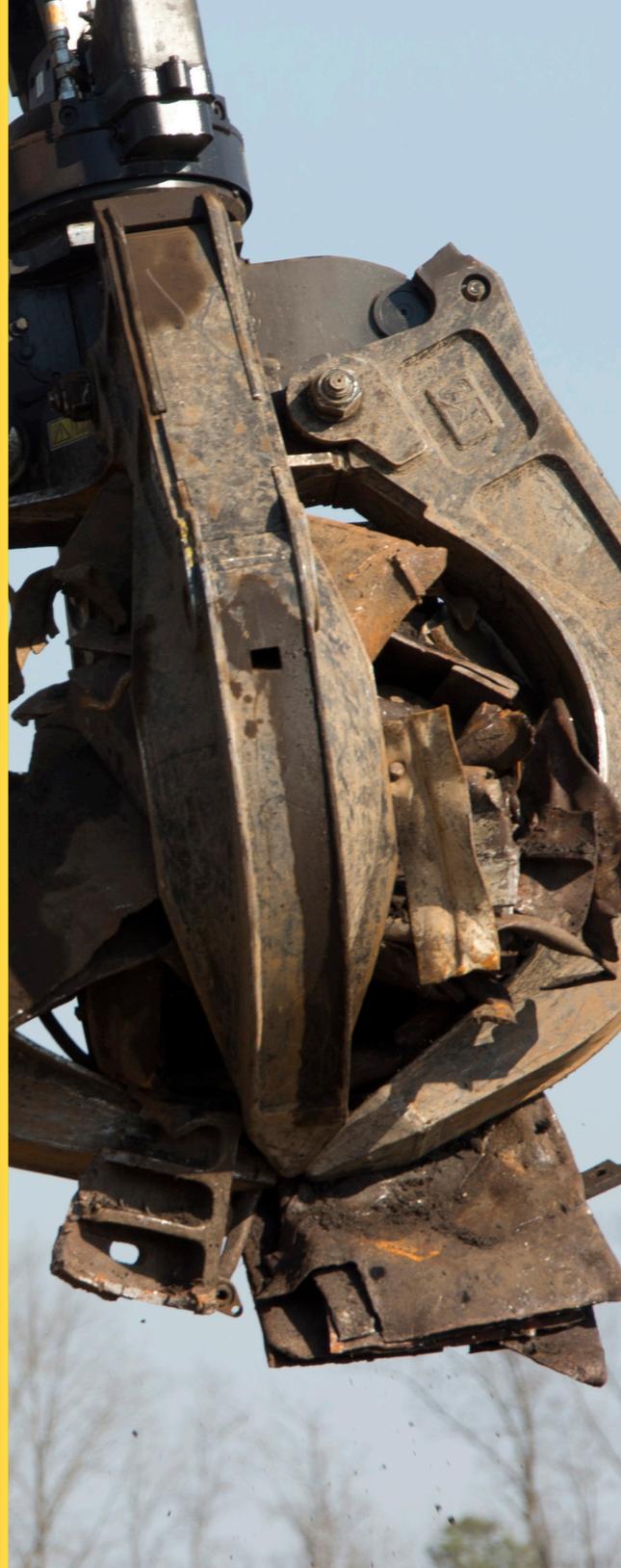
Making The Right Decision

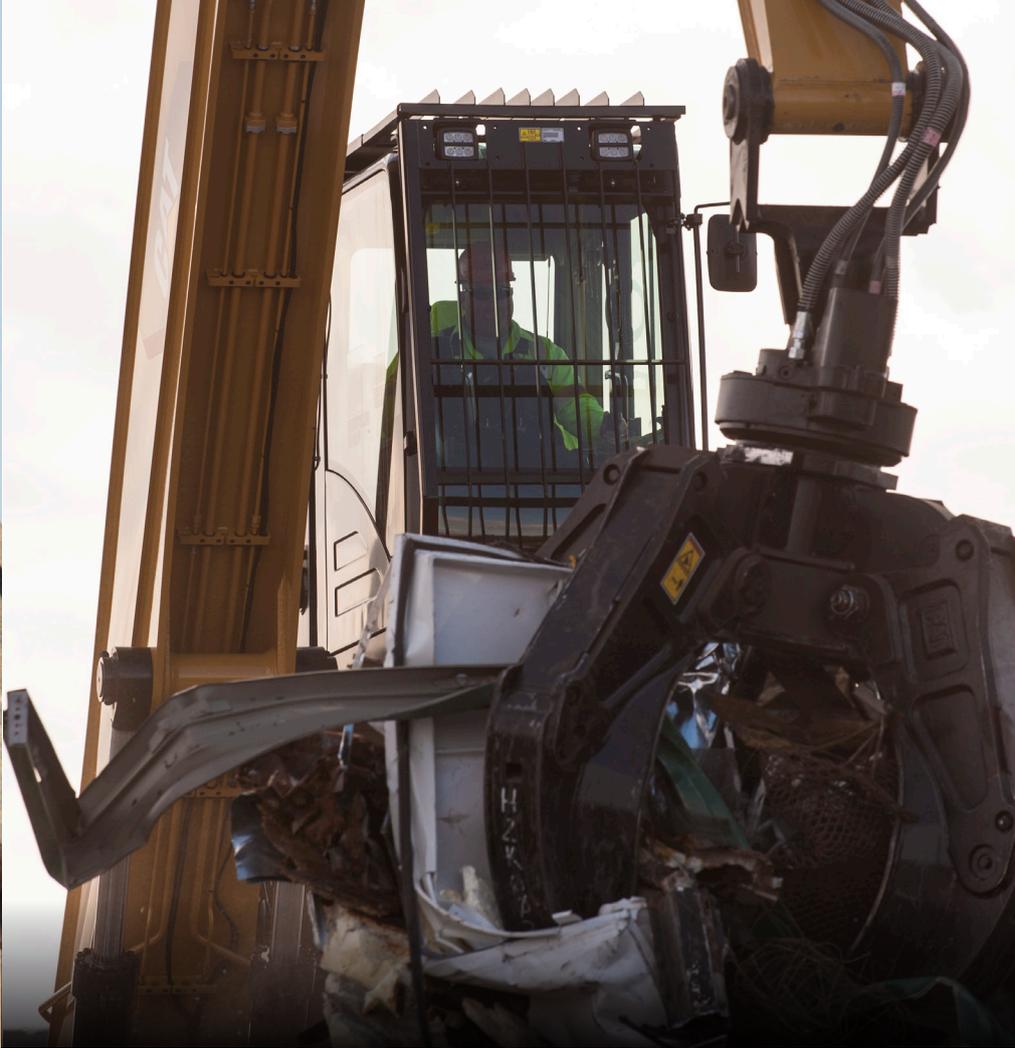
You know where you want to take your business. We can match your operation with the equipment you need to reach your goals.

TASK, TOOL, MACHINE.

We encourage a simple three-step approach to equipment selection, starting with a thorough understanding of the task. Once the task, or application, is well understood, the appropriate worktool is selected. Finally, the biggest part of the picture, the equipment is chosen.

The right machine supports the right work tool for the task at hand. And you get the right solution for your business.





WORK TOOLS



GSH Orange Peel Grapple

The GSH Cat orange peel grapple is constructed of high-strength, wear resistant steel with a low and compact design that makes it ideal for optimal dump clearance. There is a choice of many different tine and shell versions. The cylinders are optimally protected and easy to access.



GSV Orange Peel Grapple

GSV Cat orange peel grapple are designed to suit Cat excavators for handling large amount of scrap as well as for loading and unloading ships. There is a choice of many different tine and shell versions.



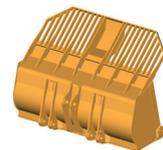
Multi Grapple for Sorting

Cat grapples are high-quality products designed to give superior productivity. With Cat grapple you can sort your scrap at source, deliver sorted material to you production plant and so save on transportation & dump and labor cost.



Mobile Scrap Shears

Cat shears provide superior and effective scrap processing, large access panels on the top, bottom and sides of the shear housing make it easier to service inside components.



Material Handling Buckets

Material Handling buckets incorporate flat floor design and are built for loose scrap material. Well suited for stock piling and transport vehicle loading.



High Dump Bucket

High dump bucket utilize dedicated dumping cylinders and a bottom hinge to "roll out" material. Ideal for stockpiling work and loading high sided vehicles or hoppers.





UNLOADING

Material Handlers Wheel Loaders Grapples Magnets

Our number-one focus is safety. Operator stations are designed for high visibility in and around the unloading area, allowing the operator to observe the trucks, trailers and people, while the material is being discharged. Having an Eagle Eyed operator ensures you manage the quality of the material being tipped out also ensures you maximize your profits and reduce waste.

Our job is to help you get the job done right, with a broad line of material handlers, wheel loaders and work tools, designed for comfort and productivity. These can be further backed up by a range of worktools and ancillary machines to keep the tipping area clean to ensure you minimise road vehicle tyre damage and puncture, keeping your suppliers happy.

STOCKPILING, SORTING AND SEPARATING

Material Handlers Wheel Loaders Articulated Trucks Orange Peel Grapples Magnets Sorting Grapples

Heavy duty grapples and buckets are compulsory in the scrap metal processing industry, but they need to be light enough as not to detract from the available payload, stability of the machine and the dexterity needed to sort and separate the materials to improve quality if the product. Couple this with the high performance and speed of the Cat Material Handlers and stockpiling becomes an easy task ensuring you maximise the space in your yard.

Stock piling with various pile height size and shape, our machines offer you the choice of boom and stick configuration for reach and height along with speed and controllability.

Your Cat dealer can help you choose the correct worktools and equipment along with the repair program's to keep your operation ahead of the game, and maximise your profits.

The Cat line of GSV (vertical Cylinder) or GSH (Horizontal Cylinder) orange peel grapples take performance to new levels and improve the efficiency of your machine and operation by maximizing worktool capacity to machine lifting capability and stability. They also offer excellent control and confidence for precise material sorting.

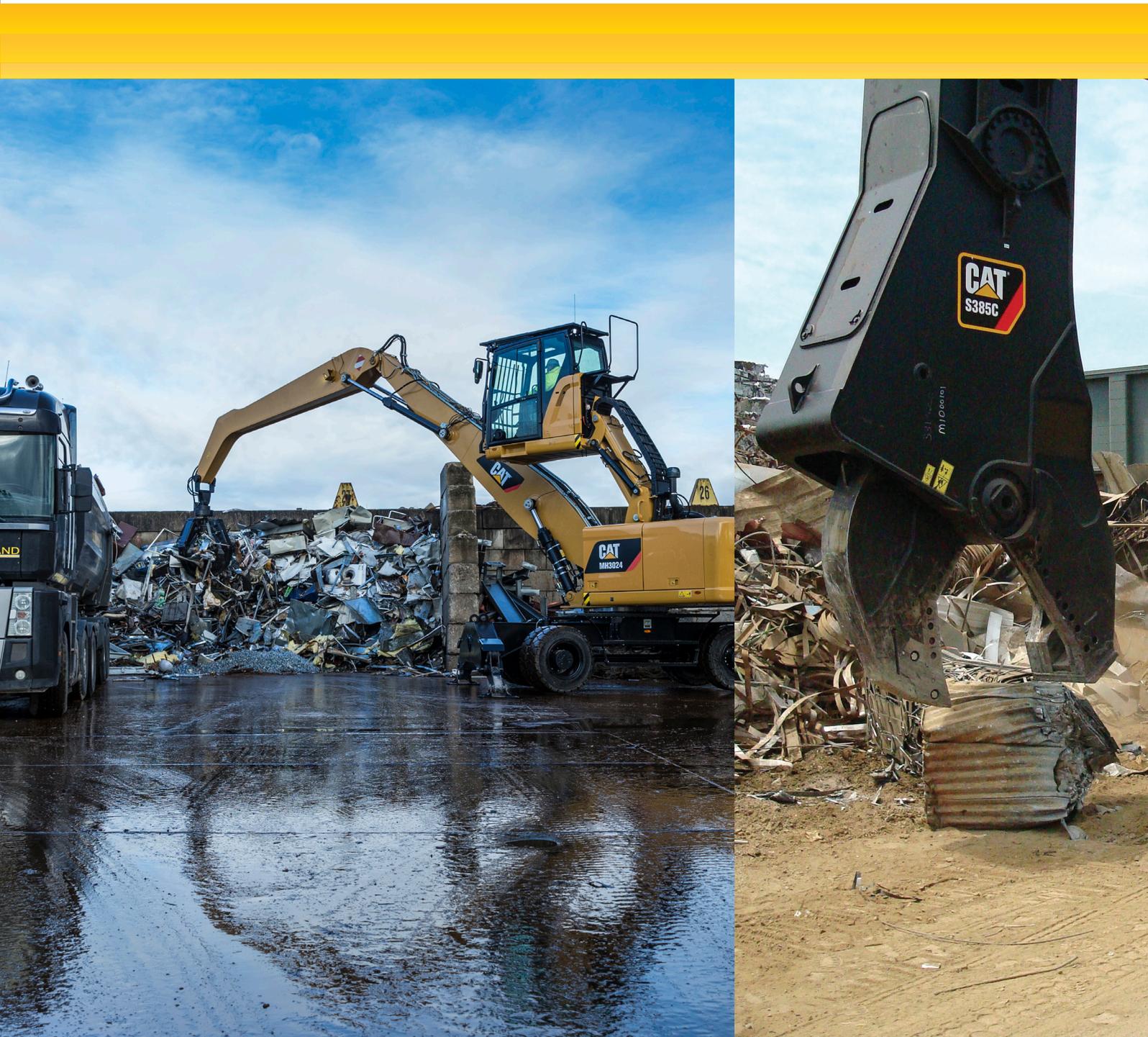
PROCESSING: SHREDDING, CUTTING, BALING

Material Handlers Excavators Wheel Loaders Skid Steer Loaders Shears

Moving material and preparing it for further processing takes effort.

Cat material handlers load shredders, stationary shears and balers, while wheel loaders bring flexibility to handle processed material and help the efficiency of your facility

High production can be achieved using the S300 range of Cat shears. Market leading capacity and bolt-on wear parts enhance performance and durability. These are the perfect match to fit your Cat or existing fleet of machines.



FEEDING



Material Handlers Grapples

To maximize processing efficiency, system matching is of the ultimate importance so as not to allow light running or choking of the production plant.

The correct matching of work tools and machine depends on the material and the production plant capability. By understanding your application needs we can offer the correct work tools and material handler combination to match the feeding requirements of your production.

Cat material handlers feature a large stabilized footprint which ensures operator confidence and reduced machine repositioning, which increases production.





CLEANING



Material Handler Wheel Loader Skid Steer Loader Brooms

Keeping your site floor clean and tidy will not only improve personal safety and reduce risk of tires puncture on vehicle passing by but also leave the right impression of your site.

Cat material handlers, wheel loaders and skid steer loaders move material, yes. With the right work tools—such as brooms and magnets, they also do a great job of helping you keep floor and aisle clean and the work flow moving.

Cat skid steer loader are ideal to access very narrow spaces such as around your shredders, shears or baling press.

OUTBOUND SHIPPING/LOADING



Material Handler Wheel Loader Telehandler Grapples Generator Buckets

Good material retention with pass matching to load trucks , trains or barges combined with fast cycle times, reduces waiting times to meet transport deadlines, is one of your daily concerns. This can easily be achieved with our material handling and wheel loader matched loading systems.

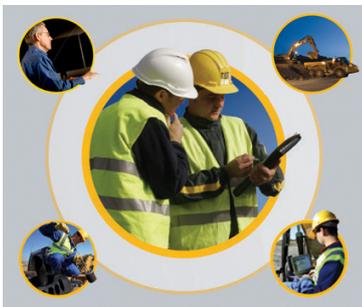
Excellent operator visibility ensures accurate loading of the carriers which speeds up loading times and minimizes damage. Also good loading visibility offers that last line in quality control to identify alien materials that can reduce commodity values.

Cat wheel loaders come in all sizes. And they're ready for whatever job you have, from unloading and sorting to separating and site maintenance. They load trucks, rail cars and barges around the world. And they're engineered to meet your goals for payload, cycle times and productivity.

SOLUTIONS FOR YOUR CONTINUED SUCCESS

Your machines are the most visible part of the Caterpillar story. But they are far from the only part of the picture. Consider the experience, service, support and solutions that combine to help you grow and succeed.

INTEGRATED TECHNOLOGIES



PRODUCT LINK™

Cat equipment generates information as well as power. Product Link is a combination of factory-integrated sensors and transmitters that turns remote monitoring into a powerful asset management solution. You'll get the data you need to boost productivity, reduce costs and manage risk.



VISIONLINK®

VisionLink, is the intuitive, web-based interface that makes it easy to monitor Product Link Information—and data generated by mixed fleets. It lets you view the big picture and zoom in for a detailed look at individual assets. Product Link and VisionLink give you accurate, timely information about the location, utilization and condition of your equipment.

SITE ASSESSMENTS

Whether you're opening a new facility or running an existing business, your success depends on efficiency. In a site assessment, Caterpillar Specialists will work with you and your dealer to study site objectives and applications—and then suggest the work tools and machines to provide the best productivity and efficiency, the work tools and machines to provide the best productivity.

CATERPILLAR TRAINING

Caterpillar scrap-industry specialist understand how to manage and maintain equipment—and how to transmit that knowledge to new and veteran machine operators. Maximize machine productivity and lower your operating costs.

EQUIPMENT PROTECTION PLANS

Maintenance services and contracts help protect you against unnecessary downtime and expense. For instance, S•O•SSM fluid and technical analysis helps to monitor the health of your equipment, providing you with meaningful data and recommended action items. And the Repair Option Program guarantees the costs of repairs up front. Visit cat.com/epp for more information.

CONDITION MONITORING

Condition monitoring can provide you with a wealth of useful information. It's the basis for effective, comprehensive maintenance and repair plans. Everything from simple inspections and regular fluid analysis to careful tracking of electronic data and equipment history helps to accurately assess the health and operating condition of your equipment. Find out more about condition monitoring at cat.com/condition-monitoring.

CAT FINANCING

Equipment protection plans offer extended warranty options to protect you against component failure. Our industry finance representatives are experts on Cat products and will help you get the most out of your investment. Visit catfinancial.com.

CAT REMAN PRODUCTS

All equipment has a lifecycle. The secret of Cat equipment is that our machines and components are designed for second and third lifecycles. With your dealer's expertise and Cat remanufactured parts, you can regain like-new performance and reliability at fraction-of-new costs. See cat.com/parts/cat-reman-products.

CAT CERTIFIED USED EQUIPMENT

There's more than one way to access genuine Cat quality. Cat Certified Used Equipment offers an affordability alternative to new machines and engines. Especially when you consider used equipment that includes financing and extended service coverage options.

Inventory will vary, but it can include material handlers, trucks, excavators, wheel loaders, forklifts, engines, generator sets, work tools and more. Contact your local dealer for availability. And visit catused.com[®] for details.

All Cat Certified Used equipment includes:

- Minimum of a 6-month powertrain warranty
- Up to a 140-point inspection
- Less than 50% wear on tires, undercarriage, and ground engaging tools
- Scheduled maintenance completed by a Cat factory-trained technician
- Financing available with competitive interest rates
- Extended service coverage options



THE MACHINES YOU NEED TO SUCCEED

For the work you do every day, Cat machines have the productivity, durability and safety you need to get the job done right – and get it done profitably. Whether sorting and recycling or working at a transfer station or landfill, Cat machines can help your business be more efficient.

The versatility you want for your business, we're built for it.

BUILT FOR IT.™

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