

VOLVO WHEEL LOADERS
SCRAP HANDLING



MORE CARE. BUILT IN.



VOLVO IS A VITAL PART IN THE SCRAP HANDLING PROCESS

Volvo wheel loaders support scrap handling all the way round in the never-ending business of recycling. Well-matched Volvo drivetrains, hydraulics and attachments offer an optimal combination of performance, fuel economy and environmental care. The growing range of Volvo machines and equipment for your operation will help you collect, load, transport, sort, reload and handle scrap – and turn it in to new resources.

Machines for all types of scrap handling

Scrap yards, recycling stations and processing stations, and even local work and operation conditions can vary quite a lot. That is why there is no single standard solution that suits all types of handling and facilities. But with Volvo's complete range of protective equipment and recycling and scrap handling attachments, you can tailor your loader exactly for your conditions.

Characterized by low fuel consumption

Volvo wheel loaders are renowned for their low fuel consumption, as well as their high productivity. The high-performance engines provide a lot of power and have excellent response and bucket movements are smooth and comfortable. This means power and agility for fast work cycles.

High quality

All genuine attachments and optional equipment are purpose-built for recycling and scrap handling, and offer the high quality you expect from Volvo.

A lifetime partner in a never-ending business

At Volvo, our business is not just about supporting our customers – it's about taking care of our world as well. When you opt for Volvo values, our commitment to quality, safety and environmental care becomes an integral part of your operation. One world is all we got. One partner is all you need.

More than 95 percent recyclable

Today our wheel loaders are almost completely recyclable. Components such as engine, transmission and hydraulics are overhauled and re-used in our exchange system.





VOLVO OPTIONS AND GENUINE ATTACHMENTS READY FOR SCRAP HANDLING

Grease line guards

Protective guarding in areas where grease lines and grease zerks are exposed.

Windshield guard and side and rear window guards

Complete guarding all around the cab which protects the operator as well as the windshield.

Steer cylinder and center hinge guards

Protection of the center hinge area which includes the steer cylinders and the transmission.

Boom cylinder, hose and pipe guards

Heavy duty covers and steel spiral hose guards to protect the boom cylinders and hoses from debris.

Custom built scrap attachments

A variety of buckets and forks for the different steps in the scrap handling process, from unloading scrap metal to lading out bi-product.

Front frame cover

Heavy duty cover plate protecting the main hydraulic valve and connections.

Front and rear mudguards

The front mudguards can be removed easily to prevent debris build-up. Front and rear mudguard wideners also available.

Rubber-suspended cab ladder

Cab ladder moved closer to the cab to protect it from damage without sacrificing operator safety.



Rotating beacon

Rotating beacon warns the surroundings. Also available as flashing strobe light in the US.

Relocated headlights and headlights guards

Headlight brackets are moved closer to the front frame and the machine. Additional guards are added to protect the highlight.

Steel battery boxes

Hinged steel covers protect the battery boxes from damage and debris. Standard in the US.

Exterior radiator air intake protection

To limit debris from entering the engine compartment, three separate mesh screens are added without affecting cooling capacity.

Rear-view camera system

Color camera system for increased site and operator safety.

Radiator grill guard

Hinged guard designed for easy service access and protection of the radiator, cooling fan and condenser cores.

Tail light guards

Covers protecting both the tail light as well as turn signals.

Belly guards

Complete protection of components and hydraulic lines within the front and rear frames. Hinged for easy service access.

Under cab guard

Steel plates directly underneath the cab protect the steering valve as well as hydraulic and electrical components.

Reversing cooling fan

Automatically activated reversing fan will remove debris from the radiator/cooling cores.



TOUGH OPTIONS FOR TOUGH SCRAP HANDLING



Guarding specifically designed for the scrap handling and recycling segments

Windshield guard, side and rear window guards

The windshield guard protects both the cab glass and operator from debris. It is custom designed purpose-built to minimize glass breakage while maximizing visibility. The two side window guards are hinged for easy cleaning and maintenance, while the rear window guard can easily be removed using two quick-coupling latches.

Rear-view camera system

Rear-view camera system reduces blind spots and increases site safety when reversing. Improves operator comfort. Colour Screen

Cab ladders, rubber-suspended

Flexible rubber side members have been extended to support two steps of the cab access ladders. In addition to being flexible, they have also been brought closer to the machine, making it difficult to damage or destroy the ladders in extreme conditions.

Cab air pre-cleaner

The cab air pre-cleaner is specially designed for very dusty applications. The pre-filter unit is mounted at the back of the cab above the rear window.

Cab Air Filter for Asbestos Environment

Protects the operator in conditions where the air is contaminated with asbestos or other small, harmful particles.



Boom cylinder, hose and pipe guards

Designed to protect the boom cylinder, hoses and pipes, these "box-type" structures prevent debris from breaking the hoses and/or pipes when debris becomes trapped between the front frame and the boom cylinders. Steel spiral hose guards and a protective plate are used to cover the hoses connecting the boom cylinders to the main valve.

Relocated headlight assemblies

The headlight assemblies have been moved closer to the front frame to reduce the risk of damage.

Headlight guards

Protect the headlights, work lights, and turn signals from debris that may break or damage the lenses.

Tail light guards

Protect the tail lights and turn signals from debris that may break or damage the lenses.

Automatically activated reversible cooling fan

Timer controlled hydrostatic cooling fan automatically reverses the airflow to remove debris from the radiator/cooling cores and air intake screen for extended maintenance intervals.

Rotating beacon

Rotating beacon warns the surroundings. Also available as flashing strobe light in the US.

TOUGH OPTIONS FOR TOUGH SCRAP HANDLING



Battery boxes in steel

Steel battery boxes replace the plastic battery box covers in order to better protect the batteries from damage. Standard in the US.

Front frame cover plate

Prevents debris from collecting inside the front frame while also protecting the main hydraulic valve and its connections from possible damage.

Steer cylinder- and Center hinge guards

Provide protection for exposed parts in the center hinge area, including the steer cylinders, transmission, as well as hydraulic and electrical lines and connections. A transmission dipstick replaces the transmission oil sight gauge for easy monitoring of the transmission oil level.

Grease tube guards

Protective guarding is used to cover exposed grease tubes and zerks where possible. Some grease tubes are changed to heavy-duty thick wall tubes.

Wheel/axle seal guards

Designed to keep material from wrapping around the axles during operation and damaging the axle seals.

Under cab guard

Designed to protect the components located directly underneath the cab, including the steering valve, hydraulic connections, and electrical wiring.



Radiator grille guard

Protects the grille, cooling fan, radiator, and condenser cores from damage when working in severe applications. It is hinged to facilitate easy cleaning and maintenance.

Air Pre-cleaners

Air pre-cleaners are available for even better filtering of the engine induction air. In addition to higher cleaning capacity, these air pre-cleaners are highly recommended in fire-hazardous applications, as they are not connected to the exhaust system.

Front and rear mudguards

The front mudguards can be removed to reduce any possibility of debris interfering with the motion of the wheels and/or tires. The front mudguards and rear mudguard wideners can be removed to prevent interference and /or damage.

Belly guard, front/rear

Completely encloses the components located within the front/rear frame between the center hinge and the front/rear axle, including the driveshaft, universal joints and hydraulic lines (front)/engine and transmission (rear). It is hinged for easy cleaning and maintenance.

Belly guard, oil sump

Covers the area located between the rear axle and fuel tank, protecting the engine's oil sump and drain hoses.

Exterior radiator air intake protection

Grease pipe guards are used to cover exposed grease tubes and zerks where possible. Some grease tubes have been changed to heavy-duty thick wall tubes.

GENUINE ATTACHMENTS FOR SCRAP HANDLING



Volvo offers a wide selection of genuine attachments for scrap handling.

Volvo genuine attachments and wear parts are built to the same quality standard as our wheel loaders.

Rehandling Bucket

Our line of rehandling buckets are specifically designed for scrap handling. With high strength steel and a full bucket width spill guard for maximum safety and visibility. These buckets are designed to move scrap quickly, efficiently and safely.

Pick-up sweeper

Keep your work place clean and safe. Sweeper with scrap container and water tank collects debris and reduces dust.

Hi-Tip Light Material Bucket

Hi-Tip Light Material Bucket features increased dump height over standard light material buckets because it is hydraulically lifted from a built-in frame. The Hi-Tip bucket has high capacity for low-density materials and is standard-equipped with steel bolt-on edge saver.

Refuse Buckets

Our line of refuse buckets are designed to handle the refuse in the scrap handling process. With larger capacities you can move material with lower densities quicker and safer into rail cars and highway trucks.

Forks

Strong and purpose built design for handling large scrap metal pieces, handling cars and crushing cars.

SCRAP HANDLING

| Tough options for tough scrap handling | L60F | L70F | L90F | L110F | L120F | L150F | L180F | L220F | L350F |
|--|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Asbestos dust protection filter | * | * | * | * | * | * | * | * | * |
| Battery disconnect switch, additional in cab | * | * | * | * | * | * | * | * | * |
| Cab air pre-cleaner, cyclone type | * | * | * | * | * | * | * | * | * |
| Cab ladders, 2 steps rubber-suspended | * | * | * | * | * | * | * | * | * |
| Rear-view camera system | * | * | * | * | * | * | * | * | * |
| Windshield guard, side and rear window guards | * | * | * | * | * | * | * | * | * |
| Fan air intake protection, extra close-meshed | * | * | * | * | * | * | * | * | * |
| Air pre-cleaner, cyclone type | * | * | * | * | * | * | * | * | * |
| Air pre-cleaner, cyclone type, two-stage | * | * | * | * | * | * | * | * | * |
| Air pre-cleaner, turbo type | * | * | * | * | * | * | * | * | * |
| Battery boxes, steel | * | * | * | * | * | * | * | * | * |
| Boom cylinder hose and tube guards | * | * | * | * | * | * | * | * | * |
| Boom cylinder hose and tube guards for long boom | * | * | * | * | * | * | * | * | * |
| Center hinge and rear frame guard | * | * | * | * | * | * | * | * | * |
| Cover plate, heavy-duty, front frame | * | * | * | * | * | * | * | * | * |
| Cover plate, under cab | * | * | * | * | * | * | * | * | * |
| Cover plate, rear frame | * | * | * | * | * | * | * | * | * |
| Grease tube guards | * | * | * | * | * | * | * | * | * |
| Headlights, front, guards | * | * | * | * | * | * | * | * | * |
| Radiator grill guard | * | * | * | * | * | * | * | * | * |
| Relocated headlight assemblies | * | * | * | * | * | * | * | * | * |
| Steer cylinder guards | * | * | * | * | * | * | * | * | * |
| Taillight guards, heavy-duty | * | * | * | * | * | * | * | * | * |
| Wheel/axle seal guards | * | * | * | * | * | * | * | * | * |
| Belly guard, front | * | * | * | * | * | * | * | * | * |
| Belly guard, rear | * | * | * | * | * | * | * | * | * |
| Belly guard rear, oil pan | * | * | * | * | * | * | * | * | * |
| Deleted front mudguards | * | * | * | * | * | * | * | * | * |
| Deleted front mudguards and wideners rear | * | * | * | * | * | * | * | * | * |
| Oil cooler and filter for front + rear axle | * | * | * | * | * | * | * | * | * |
| Reversible cooling fan | * | * | * | * | * | * | * | * | * |
| Reversible cooling fan and axle oil cooler | * | * | * | * | * | * | * | * | * |
| Fire suppression system | * | * | * | * | * | * | * | * | * |

General options

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|-----|
| Caretrack, GSM | * | * | * | * | * | * | * | * | * |
| Caretrack, GSM/Satellite | * | * | * | * | * | * | * | * | * |
| Boom Suspension System, BSS | * | * | * | * | * | * | * | * | * |
| Comfort Drive Control, CDC | * | * | * | * | * | * | * | * | * |
| Comfort Drive Control, CDC, in combination with electro-hydraulic | * | * | * | * | * | * | * | * | std |
| Electro-hydraulic function, 3rd | * | * | * | * | * | * | * | * | * |
| Electro-hydraulic function, 3rd for long boom | * | * | * | * | * | * | * | * | * |
| Electro-hydraulic function, 3rd-4th | * | * | * | * | * | * | * | * | * |
| Electro-hydraulic function, 3rd-4th for long boom | * | * | * | * | * | * | * | * | * |
| Electro-hydraulic servo controls | * | * | * | * | * | * | * | * | std |
| Electro-hydraulic servo controls for long boom | * | * | * | * | * | * | * | * | * |
| Hydraulic function, 3rd | * | * | * | * | * | * | * | * | * |
| Hydraulic function, 3rd for long boom | * | * | * | * | * | * | * | * | * |
| Hydraulic function, 3rd-4th | * | * | * | * | * | * | * | * | * |
| Hydraulic function, 3rd-4th for long boom | * | * | * | * | * | * | * | * | * |
| Hydraulic attachment bracket, welded | * | * | * | * | * | * | * | * | * |
| Hydraulic attachment bracket, cast | * | * | * | * | * | * | * | * | * |
| Long boom | * | * | * | * | * | * | * | * | * |
| Long boom for electro-hydraulic | * | * | * | * | * | * | * | * | * |

Please note that some options are standard in North America. Refer to the specification brochure for details.



Volvo Construction Equipment is different. Our machines are designed, built and supported in a different way. That difference comes from an engineering heritage of over 175 years. A heritage of thinking first about the people who actually use the machines. About how to help them be safer, more comfortable, more productive. About the environment we all share. The result of that thinking is a growing range of machines and a global support network dedicated to helping you do more. People around the world are proud to use Volvo. And we're proud of what makes Volvo different – **More care. Built in.**



Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.

VOLVO

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