

VOLVO WHEEL LOADERS

RECYCLING & WASTE HANDLING



MORE CARE. BUILT IN.



VOLVO IS A VITAL PART IN THE RECYCLING PROCESS

Volvo wheel loaders support waste 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 waste – and turn it in to new resources.

Machines for all types of waste handling

Transfer stations, recycling stations and landfill sites, and even local work and operating 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 waste handling attachments, you can tailor your loader exactly for your conditions.

Power and agility for fast work cycles

The standard versions of Volvo's wheel loaders are already built for tough environments and are renowned for their high productivity and low fuel consumption. The high-performance engines provide a lot of power and have excellent response and bucket movements are smooth and comfortable. All genuine attachments and optional equipment are purpose-built for recycling and waste handling, and offer the same high quality as the rest of the machine.

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've 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.







Exterior radiator air intake protection

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

Warning beacons

We offer both rotating beacons as well as flashing strobe lights.

Rearview camera system

Color camera system for increased site and operator safety.

Reversing cooling fan

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

Radiator grill guard

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

Steel battery boxes

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

Tail light guards

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

Front and rear fenders

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

Under cab guard

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

Rubber-suspended cab ladder

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

VOLVO OPTIONS AND GENUINE ATTACHMENTS READY FOR RECYCLING & WASTE HANDLING

Windshield guard and side and rear window guards

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

Grease line guards

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

Boom cylinder, hose and pipe guards

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

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.

Front frame cover

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

Belly guards

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

Steer cylinder and center hinge guards

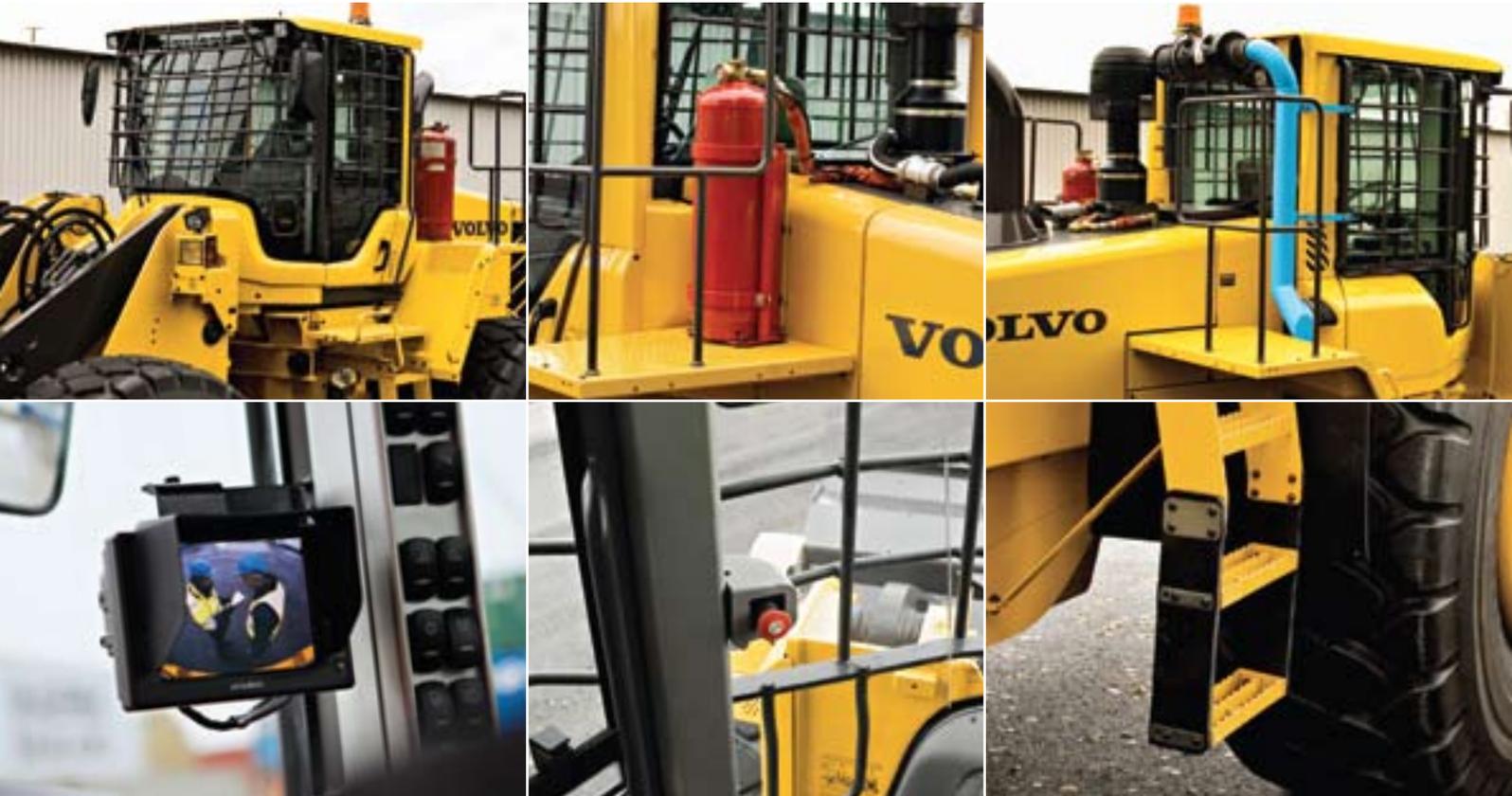
Protection of the center hinge area which includes the steer cylinders and the transmission.

Custom built recycling and waste handling attachments

A variety of refuse buckets for the different steps in the scrap handling process.



TOUGH OPTIONS FOR TOUGH RECYCLING & WASTE 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.

Rearview camera system

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

Fire suppression system

Fully automatic fire suppression system. A water based system with foam which can also be activated manually inside and outside the cab.

Easily Accessible Main Battery Disconnect Switch

Additional main battery disconnect switch located inside the cab for quick and easy access in case a power shutdown is necessary. It is possible to lock-out the switch to prevent the machine from being started or moved.

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.

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.



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 for 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. Standard in North America.

Warning beacon, flashing strobe light

Connected to main switch to secure function when machine is moving.

TOUGH OPTIONS FOR TOUGH RECYCLING & WASTE HANDLING



Battery boxes in steel

Steel battery box covers 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 fenders

The front fenders can be removed to reduce any possibility of debris interfering with the motion of the wheels and/or tires. The front fenders and rear fender 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.

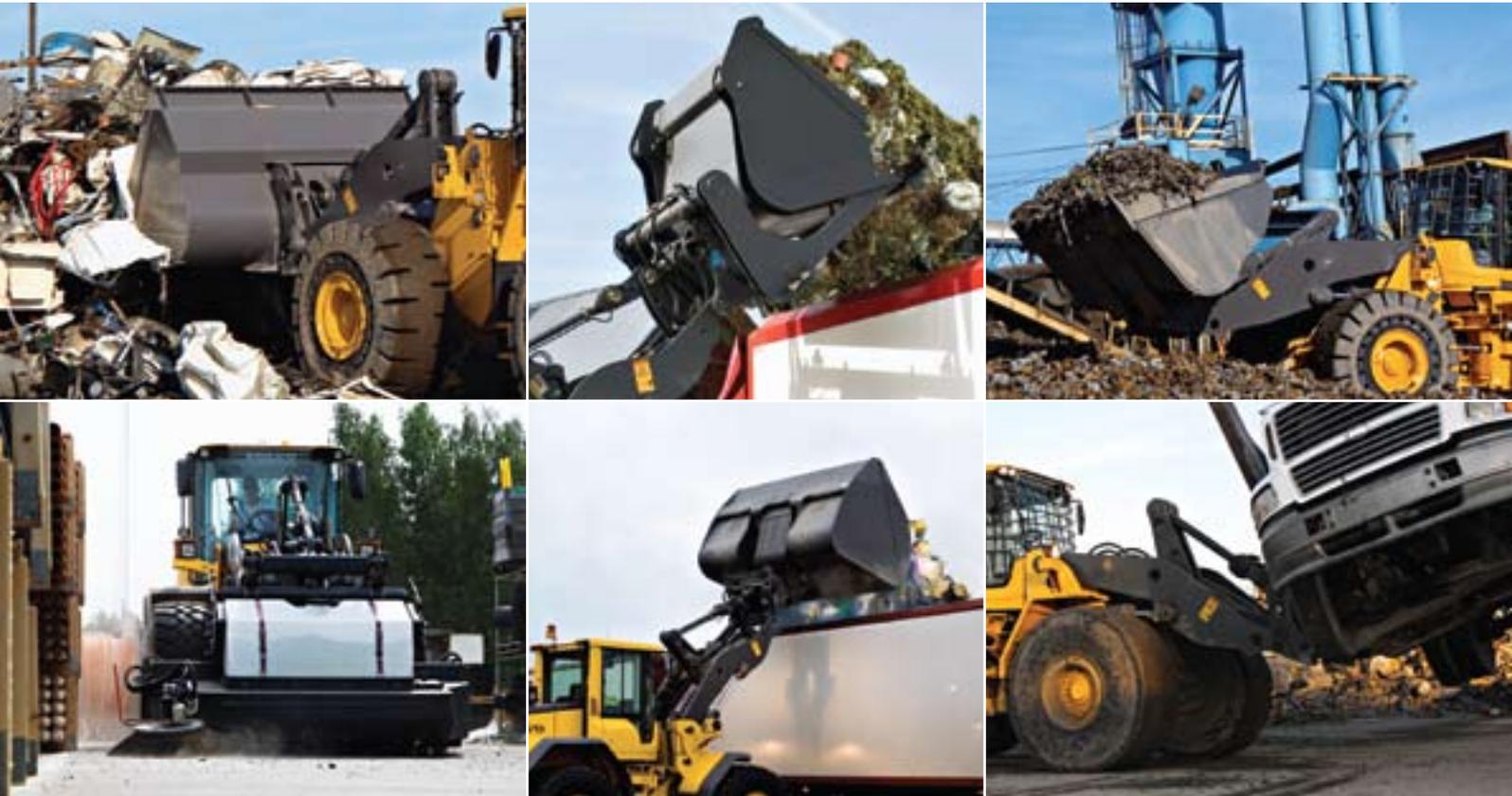
Belly guard, oil sump

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

Heavy duty screen mesh protects the fan and coolers from debris.

GENUINE ATTACHMENTS FOR RECYCLING & WASTE HANDLING



Volvo offers a wide selection of genuine attachments for waste handling. Volvo genuine attachments and wear parts are built to the same quality standard as our wheel loaders.

Refuse Bucket

Refuse Bucket is specifically designed for waste handling. With high strength steel and a spill guard optimized for maximum visibility, these buckets are made to move waste quickly, efficiently and safely.

Pick-up sweeper

Keep your work place clean and safe. Sweeper with waste 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 Tamping Buckets

Refuse Tamping Buckets, with extra long floor and heavy-duty design, are ideal in push floor operations for both pushing the material and packing (tamping) the material in containers. The optional clamp arm is a valuable tool in different types of handling, opened to push more material, closed to hold bulky material in the bucket and for limited sorting of material.

Bale clamp

For effective handling and recycling of waste paper bales and other bales without pallets. Strong, slender bale arms ensure secure grip and dense stacking.

RECYCLING AND WASTE HANDLING

Tough options for tough scrap handling	L60F	L70F	L90F	L110F	L120F	L150F	L180F	L220F
Asbestos dust protection filter	*	*	*	*	*	*	*	*
Battery disconnect switch, additional in cab	*	*	*	*	*	*	*	*
Cab air pre-cleaner, cyclone type	*	*	*	*	*	*	*	*
Cab ladders, 2 steps rubber-suspended	*	*	*	*	*	*	*	*
Rearview 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	std	std	std	std	std	std	std	std
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	std	std	std	std	std	std	std	std
Reversible cooling fan and axle oil cooler				*	*	*	*	*
Fire suppression system	*	*	*	*	*	*	*	*

General options

Caretrack, GSM/Satellite	*	*	*	*	*	*	*	*
Boom Suspension System, BSS	*	*	*	*	*	*	*	*
Comfort Drive Control, CDC	*	*	*	*	*	*	*	*
Comfort Drive Control, CDC, in combination with electro-hydraulic				*	*	*	*	*
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				*	*	*	*	*
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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