

VOLVO CONSTRUCTION EQUIPMENT

QUARRY & AGGREGATE SOLUTIONS



MORE CARE. BUILT IN.



A DEPENDABLE PARTNER FOR A DEMANDING BUSINESS

Volvo Construction Equipment is one of the world's largest manufacturers of quality construction equipment with over fifty years experience in aggregate and quarry solutions. Our machines are designed to exceed high industry demands for dependability, serviceability, cost efficiency and safety. Whatever the need, we've got the right machine and the right solution for your work. With a global dealer and service network - we are a partner you can trust.

Effective and profitable production

Throughout our wide product range of wheel loaders, excavators, articulated haulers, graders and backhoe loaders, all components and systems are perfectly matched for high productivity and low fuel consumption. Furthermore, our machines are designed and constructed to work together in perfect harmony for more effective loading and shorter cycle times. Together, they create a highly effective production line that focuses on safety, economy and availability - the cornerstones of a profitable aggregate and quarry business.

Controlled total costs

Volvo Construction Equipment's professional Customer Support organization provides genuine parts, after sale service and training - to help you control owning and operation costs. Speedy access to superior service and genuine Volvo parts are just as important as the price of the machine. After all, it's the total cost over the life of the machine that's interesting. With all the right products and resources on hand, we can give you the best support there is.

Global strength

During recent years Volvo has strengthened its position around the world. Today, we are Europe's largest and the world's second largest truck manufacturer with brands like Volvo, Mack, Renault and Nissan. Volvo Buses is the world's second largest bus manufacturer, Volvo Aero is a world leader in service and selected components for the aviation industry and Volvo Penta is one of the world's leading engine and drive-train suppliers for marine and industrial applications.

Quality, safety and care

Volvo's founders made it clear from the very beginning that our business would always have the safety of people at heart and that technology always would be developed on human terms. Today, our three core values of quality, safety and environmental care reflect these basic ideas. Now, they're more relevant than ever before.





POWER TO MAXIMIZE YOUR INCOME

In extraction, availability ranks high. Productivity is measured by the greatest amount of material moved in the shortest amount of time. Volvo gets the job done – with more uptime, more productivity and more safety. We offer wheel loaders, excavators and articulated haulers specifically designed to withstand the daily abuse of rugged extraction environments. They have the power, breakout force and durability required in quarries and hard banks.

Power and control

When it comes to stripping and quarrying, Volvo excavators excel with balanced hydraulics delivering high digging and lifting forces, outstanding manoeuvrability and smooth control. With bucket loads of power and the ability to work in soft and uneven ground conditions, these excavators are fuel-efficient and highly productive – the perfect mix of power and control. Volvo articulated haulers equipped with side extensions and tailgates make a Volvo excavator/articulated hauler team hard to beat for removing overburden.

Move more tons per hour

Volvo wheel loaders make moving material quickly and efficiently easy. Renowned for their high productivity and low fuel consumption, they're designed and built for high operator comfort and safety, as well as easy access for daily maintenance and service. High penetration capacity and excellent rim

pull is the result of perfectly matched components working together in harmony. Volvo optimizes performance with fuel economy.

Full power even when idling

Powerful, electronically controlled low-emission engines combined with a fully automatic transmission means instant response and full power even at low rpms. The result is maximal productivity and lowest possible cost per ton.

Power with precision

With the Volvo lift arm system, load sensing hydraulics, easy steering and high stability, Volvo wheel loaders provide the operator with equal measures of power and precision. The lift arm system delivers high breakout torque at ground level, allowing the operator to handle heavy material without any power loss at any point in the loading cycle.





FAST AND SAFE TRANSPORT

When you need to transport material as fast as possible to crusher and sorter, you won't find a better combination than a Volvo wheel loader and a Volvo articulated hauler. An uncompromising team that joins strength and drivability with intelligence and safety. The result - outstanding economy and productivity.

High speed and low fuel consumption

Volvo's articulated hauler is recognized as the industry leader, providing versatile and productive operation. Unrivaled in its ability to traverse rough terrain and tackle tough grades and dumping angles, Volvo's hauler has differential locks and three axles in combination with high flotation tires. Simply put, this workhorse has an unsurpassed range of drive combinations that spell excellent traction and control, as well as high speed and low fuel consumption.

Safe downhill, fast uphill

With Volvo haulers, it's easy to maintain downhill speed thanks to the user-friendly retardation system that enables safe control regardless of terrain. And it's easy to maintain fast uphill operation as well. Shifting is automatic, the operator need only select the most suitable drive combination.

The precise steering system makes it easy to position the hauler for faster dumping. Thanks to the dumping system and the Load & Dump brake operation is easy, steady and efficient.

Precise steering at any speed

Of course, a wheel loader can also transport material between mountain and crusher. The precise electro-hydraulic steering with Comfort Drive Control (CDC) is easy to operate and even over the entire speed range. Furthermore, the CDC features end-stroke damping that provides smooth, full-range steering to eliminate frame shocks that may occur during quick turns.





RELIABLE MACHINES FOR MAXIMUM UPTIME

When it comes to handling, sorting, stockpiling and loading crushed material and sand, you need a reliable machine that will give you maximum uptime. Volvo machines are purpose-built rehandlers; durable loaders that help you move more material at less cost. And with our complete range of equipment for rehandling, you can tailor your loader to fit your conditions.

Built to run

In rehandling, availability is crucial. That's why every detail in a Volvo wheel loader is designed to work with almost no downtime, no matter how hard you push it. Perfectly matched Volvo drivetrains, hydraulics and attachments offer an optimal combination of performance, fuel economy and environmental care.

Power and agility - fast work cycles

Volvo wheel loaders are renowned for their high productivity and low fuel consumption. The high-performance engines provide incredible power and excellent response while bucket movements are smooth and controlled even with the heaviest load.

Superior speed, manoeuvrability and operator comfort (alt. More bang for your buck)

When properly equipped with original attachments and optional equipment, Volvo wheel loaders can challenge much larger loaders thanks to their superior speed, manoeuvrability, operator comfort and overall operating economy.

Machine and attachment - a perfect match

All genuine Volvo attachments are purpose-built with the same quality as the rest of the machine. They're designed as an integrated part of the wheel loader for which they were intended, their functions and properties perfectly matched to parameters such as link-arm geometry and breakout, rim pull and lifting force. That's why the machine and attachment work in perfect harmony, forming a dependable cohesive unit to get the job done - safely and efficiently.

Optimized rehandling buckets

The shape of Volvo rehandling buckets is optimized for aggregate, gravel and crushed rock to provide faster bucket fill and a higher bucket fill factor. Spill guards reduce spillage in load and carry operations and side cutters are welded in line with the bucket's side, providing fewer edges and corners for material to get stuck and a longer wear life for the bucket.





IN PERFECT CONTROL ALL THE WAY

Volvo takes you every step of the way from mountain to cement and concrete industries. Distribution, unloading and process feed are fast and effective, yet never at the expense of comfort and safety. We never take shortcuts on safety and we know a satisfied operator contributes to increased productivity.

Excellent visibility

Large windshields give excellent visibility in every direction on all our machines, increasing safety for both operator and the worksite. Volvo wheel loaders have great visibility even when loading high with Long Boom.

Complete control

The operator has complete control, thanks to precision steering and the fingertip control of the load sensing hydraulics. The short distance between the load's centre of gravity and the front axle improves stability; resulting in greater safety, faster work cycles and less spill.

FS-technology - business in the fast lane

The world's first hydraulic full suspension articulated haulers – another Volvo first for articulated haulers. FS-series haulers enable the operator to run faster on rough haul roads, loaded or empty, compared to traditional haulers. Productivity gains are impressive as is increased safety thanks to considerable improvements in wheel to ground contact. Not only that, worksite road maintenance is greatly reduced.





FOCUSING ON PRODUCTIVITY AND PROFITABILITY

Running a business is complicated. Correct information is critical for making the right decisions, and the faster you can get it the better. Volvo software will help you get better control of your business and stay ahead of the competition.

Real-time monitoring means more uptime

Volvo Contronic monitoring adds more productive time to your working day by minimizing unplanned service. The Contronic system keeps an eye on the machine's functions in real-time. Should something abnormal occur, Contronic automatically generates an immediate warning and calls for the operator's attention. A service technician can log in to the system and troubleshoot the problem directly on-site.

It pays to be informed

All operating data regarding machine is operation since its last service is stored in Contronic. Presented in the MATRIS analysis program, this information provides valuable information for troubleshooting and service. Continuous and complete analysis of the machine helps increase efficiency and profitability by reducing fuel consumption, maintenance and repair costs and by increasing the overall life of the machine.

On track and in control

With our telematic system Care Track, satellite and mobile telephone technology are used to monitor and control the work of the machines in the field. Within seconds, everything you need to know about your machines is at your fingertips, even if they are hundreds of miles away. Your computer can show you exactly where your machine is, what its fuel consumption is and when it's time for the next service. With immediate access to the right information, you can make the decisions that will increase productivity and shorten downtime.

Accomplish your business goals

Volvo Site Simulation is a valuable software tool used to replicate your worksite scenario and discover the best way to optimize productivity and lower cost per ton. By inputting your existing fleet of equipment and actual worksite conditions, a trained Volvo representative can show you, for example, exactly how many loaders and haulers you really need to accomplish your business goals.





SUPPORTED FOR LIFE

When you buy a Volvo, you get one of the most reliable machines on the market. But our commitment goes far beyond the sale. Behind every machine from Volvo Construction Equipment you'll find a reliable partner in our Customer Support organization and our global dealer and service network. Wherever you are, well-trained service personnel and the right parts are never far away. We're ready to help with all the products, services and knowledge you need to optimize your machine's profitability and productivity.

Four levels of support, one level of care

The best way to get the most out of your Volvo is to invest in a Volvo Customer Support Agreement. Since business needs vary, we've made it easy for you to select the agreement that's right for you by creating four levels of agreements: from scheduled machine inspections to a comprehensive repair and maintenance program that gives you total peace of mind.

Dedicated to support your business goals

Volvo Financial Services is our global solutions provider for finance, leasing and service and support options tailored to meet the demands of Volvo customers. Dedicated to support your business goals, it's a one-stop shop available from your Volvo dealer.

The Volvo total solution

We understand your industry, and as part of the Volvo family, we know Volvo products better than anyone else. Flexible finance and lease options make it easy to get your equipment working for you. Volvo insurance and contract maintenance options provide quality coverage you can count on when you need it.







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

Volvo Construction Equipment
www.volvoce.com

Ref. No. VOE22A1005666
Printed USA 2009-08-0,0
Volvo, Eskilstuna

US/English
WLO