

Volvo Construction Equipment
Building Tomorrow



EW145B PRIME

Volvo Excavators 12.8-15.0 t 150 hp



WELCOME TO OUR WORLD

Welcome to a world of industry leading machinery. A world where imagination, hard work and technological innovation will lead the way towards developing a future which is cleaner, smarter, and more connected. A world supported by the enduring values of the Volvo Group. A world of stability, sustainability and innovation. A world which we put our customers at the heart of.

Welcome to the world of Volvo Construction Equipment – we think you're going to like it here.

Working harder, working smarter

For over 180 years Volvo has been a pioneer in the design and manufacture of machines which set the standard for efficiency, performance and uptime. Across our range of excavators, wheel loaders and haulers, our reputation for engineering excellence is unrivalled, which means whatever your operation or application, we can provide a total fleet solution to help you succeed.

Building on our proud history, the Volvo Concept Lab continues to create cutting-edge ideas and innovative concepts, to ensure we offer customers machines which work harder and smarter long into the future.



Solutions for you

Our industry leading machines are just the start of your relationship with Volvo. As your partner, we have developed an extensive range of additional solutions to help you improve uptime, boost productivity and reduce costs.

Designed for your business

Structured across nine blocks, our portfolio of products and services are designed to complement your machine's performance and boost your profitability. Simply put, we offer some of the best guarantees, warranties and technological solutions in the industry today.

There when you need us

Whether you're buying new or used, our global network of dealers and technicians offer around-the-clock support, including machine monitoring and world-class parts availability. It's the basis of everything offered by Volvo Services, so you can be confident we've got you covered right from the start.



BUILDING TOMORROW

Experience the benefits

More safety

- **Safety** is a **core value** at Volvo and it shows in our machine.
- **Anti-slip steps and platforms** with punched steel plates for superior grip even when wet or icy.
- **Low engine emission levels and low noise.**
- **Lead-free exterior paint** is in harmony with the environment.
- **Recessed bolts on superstructure walk areas** for less risk of trip hazard.
- Volvo excavators are **95% recyclable.**

More profit

- **Powerful, innovative and efficient Volvo engine:** well-matched to hydraulic system, components and design.
- Volvo continues to deliver **industry-leading fuel efficiency.**
- **Proven hydraulics:** optimum power where it's needed.
- **Harmonized power** with oil regeneration and priority features for faster cycles and more productivity per shift.





More comfort

- **Large and comfortable cab** puts you in command with ergonomic controls.
- **Roomy and adjustable seat** supports your whole body.
- **Pivoting, ergonomic steering column** ensures clean lines of sight.

More uptime

- **Simplified, ground level serviceability** means more uptime.
- **Easy access, centralized lubrication points.**
- **Easy to learn, Easy to operate. Easy to get more done.**
- **Electronic control unit** monitors and troubleshoots all functions.
- **Easy-to-change cab air filter** is located inside the cab.
- **Cooling system** is easier to clean.
- **Access walkway** behind the cab provides superior service access.



More quality

- **Strengthened undercarriage frame** endures daily any rough terrain.
- **Reinforced boom/ arm and proven components** deliver every time.
- **Stabilizer dozer** has wide footprint, so it **won't damage pavement.**
- **Long wheel base** for added stability and smoother ride.

Volvo, a partner to trust

Trust means knowing your equipment will perform no matter the job or the conditions. Volvo EW145B prime wheeled excavators earn that trust — every day.

With the multi-task credentials of a tool carrier and the pedigree of a thoroughbred digging machine, the EW145B prime does more than work. It commands. Multi-function. Highly mobile. Well-balanced. Fuel efficient. Comfortable. Think of the Volvo EW145B prime as your one-machine fleet. It's time to roll.

Volvo: your global, local partner

Since 1927, Volvo has earned trust for providing solutions with true value. Built on core values of quality, safety and environmental care, Volvo equipment is a leader in construction and transportation. Its extensive lineup of construction machines is complemented by Volvo buses, trucks, aero engines and marine power systems. As the world's second largest producer of 9- to 18-liter diesel engines, Volvo delivers class-leading fuel efficiency. That heritage is born a new in the B prime series of excavators. One shift in the cab of a Volvo excavator and you'll understand why so many count on Volvo as their trusted partner.

A task force from one machine

Other machines may try to claim the crown, but Volvo B prime-Series wheeled excavators are arguably the most capable construction machines at work anywhere. So what is an excavator doing making such claims? Watch and see. The EW145B prime is one machine, but it performs the work of a task force. Clearing ditches. Digging trenches. Moving construction debris. Stripping asphalt. Grading for building pads. Lifting and placing pipes.

Boring holes for utility poles. Cleaning storm debris from under bridges. All that in a well-balanced package that moves between job sites at up to 37 km/h. Low ground pressure makes the EW145B prime suited for work on pavement or in soft, off-road ground conditions. Its size and maneuverability help make it ideal for work in the city, at material handling sites, or inside buildings and warehouses. Count on it.

Cab puts the operator in command

The roomier Volvo Care Cab has excellent visibility, high-volume climate control and repositionable steering column. The responsive controls allow the operator to infinitely adjust hydraulic flow and pressure for attachments without leaving the seat. Fluid levels can be monitored right from the cab. With such mobility, ease of use, comfort and adaptability, the EW145B prime truly has the power of more. More tools. More tasks. More control. More job sites. More work done — on less fuel. At the end of the day it adds up to the one thing all contractors want — more profit.





• Easy access for hydraulic pump filters.



• Efficient Volvo engine delivers high torque at very low RPMs.



• Simplified, ground level service access.



• Optional air compressor

Volvo's engine leadership spans land, sea, sky and space

As the world's second largest manufacturer of 9-to18-liter diesel engines, Volvo has unmatched expertise designing power systems that move the world. Volvo engines for Volvo Construction Equipment, Volvo

Aero, Volvo Buses, Volvo Penta and Volvo Trucks define productivity and fuel economy. Our performance has been honed on land, over the sea, across the sky and into space. Leading research and development keeps

all Volvo Group products at the forefront of productivity. So when we say Volvo engines are tested — and proven — you can believe it. Trust in it. It's the real advantage of Volvo Power.



Built to run, supported for life

Even the best machines need service and maintenance to be as productive tomorrow as they are today. With superior attention to detail, we've created a productivity chain of machines, parts and service. Our global Customer Support organization delivers the values you've come to expect from Volvo Construction Equipment.

We care about your operation – anywhere, anytime

Volvo Construction Equipment comes with a professional Customer Support organization providing genuine parts, aftersale service and training – providing you with controlled owning and operation costs. With all the products and resources at our disposal, we can offer you the best support there is. Anywhere, anytime.

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 your business by creating four levels of Customer Support Agreements. We offer programs that provide everything from regular machine inspections to a comprehensive repair and maintenance program that takes the hassle and worry out of running a workshop and gives you total peace of mind.

CareTrack – fast and correct information

CareTrack is an optional GPS monitoring program that works with the machine's diagnostic system. Installation is simple. You and your dealer can remotely track usage, productivity, fuel consumption and more. Maximize uptime through important service reminders. CareTrack also monitors geographic machine location and can even prevent unauthorized use. With CareTrack, you can focus on the care of your business while your Volvo dealer focuses on the care of your machine.

MATRIS reports on your efficiency

MATRIS delivers detailed operating history analysis about the utilization and efficiency factors that influence your operating costs. MATRIS turns the data captured inside the machine's computer into easy-to-use graphs and reports. Maximize machine and operator performance, while reducing maintenance costs and increasing service life.

PROSIS makes parts ordering faster

PROSIS is a CD-ROM application that makes it quick and easy for your Volvo dealer to order all your Volvo CE product parts. Your dealer will help you find the right part, place your order and get you back up and running fast.

Standard and optional equipment may vary by market. Please consult your local Volvo dealer for details.





Specifications

EW145B Prime

Operating weight	kg	12 800 - 15 000
Gross power	kW	110
... at engine speed	r/min	2 000
Bucket capacity	m ³	0.25 - 0.82
Max lifting capacity	kg	4 860
... at reach / height	m	6.0 / 1.0
Max. digging reach	mm	7 770
Max. digging depth	mm	4 700
Breakout force (ISO) (Normal)	kN	92.1
Breakout force (ISO) (Boost)	kN	97.7
Max speed	km/h	37
Tail swing radius	mm	2 290
Based on machine configuration: Boom 4.4m/14'5"; Dipper arm 2.1m/6'11"; Dozer blade down		

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

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