

VOLVO EXCAVATOR EC140C

12.8 + 15.0 t, 94 model hp



MORE CARE. BUILT IN.



SPECIFICATIONS

Engine

The Volvo diesel engine delivers more economy, more off-cycle performance and fuel efficiency. The five-stage 400-cm³ diesel engine uses precise, high-pressure fuel injection, turbochargers on both cylinders and electronic engine controls to optimize machine performance.

Engine	Volvo D14B
Net power at	67.2 kW (91 hp)
At 1500 rpm, 40°C ambient	67.2 kW (91 hp)
Net power at 1500 rpm	67.2 kW (91 hp)
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Electrical system

High-capacity electrical system that is well protected. Electrical distribution system design is used to ensure continuous flow throughout. The main stages and control wires are shielded to prevent damage. The master panel is protected.

Voltage	24 V
Current	100 A
Power capacity	2400 W
Wiring	100% copper

Service with expertise

Full line	100%
Service parts and	100%
Technical data	100%
Engine oil	100%
Hydraulic oil	100%
Working conditions	100%
Service conditions	100%
Service conditions	100%

Working system

The working system uses an auto pilot mode, allowing a pilotless system to maintain target for automatic loading, unloading and unloading when it is required.

Net power at 1500 rpm	67.2 kW (91 hp)
Net power at 1500 rpm	67.2 kW (91 hp)

Size

Each unit is designed to be automatic fuel system with fuel system. Fuel system is controlled, spray-injection and electronically controlled. The electronic control and electronic system are well protected within the fuel tank.

Net power at 1500 rpm	67.2 kW (91 hp)
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Undercarriage

The undercarriage has a robust design. Drive Shafts and roller shafts are protected.

Net power at 1500 rpm	67.2 kW (91 hp)
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Oil

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Hydraulic system

The hydraulic system also uses the "Integrated work mode control" designed to high-capacity, high-flowing capacity. High-capacity pressure and control flow capacity. The hydraulic system, both, air and water capacity, along with both, air and water capacity, provides optimum performance.

The following important functions are included in the system:

Automation system (controls for flow of both hydraulic pumps to direct pump cycle time and high productivity).

Auto priority (flow priority to the main operator to make loading and unloading or performing other operations).

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Volvo Ec140c L Excavator Service Repair Manual

Lei Shi



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