

VOLVO EXCAVATOR

EW170



VOLVO



Many digging equipment and option combinations

Our standard mono boom and different arm sizes can be combined on the Volvo EW170 to handle everyday needs under a variety of working conditions. Hammer/Shear piping and Volvo quick fit piping can be installed.

An optional two-piece adjustable boom is also available for working in confined areas.

An auxiliary hydraulic valve is standard in Volvo excavators to satisfy operators specific demands. Additional hydraulic options are available for many different machine applications, such as grapple, tilting bucket or rotator.



Volvo quick fit

The Volvo hydraulic quick fit makes it possible to change buckets or attachments quickly and easily without the operator even leaving the cab.

This saves valuable time, increases productivity and makes the machine more versatile.

To release the bucket or attachments two switches are activated simultaneously. This also activates an alarm to warn the operator that the attachment is loose. A lifting hook is also mounted on the quick fit to allow the removal of the bucket or attachment when lifting heavy objects.

Whether on the street or in the dirt, do it with just one machine! The New Volvo EW170

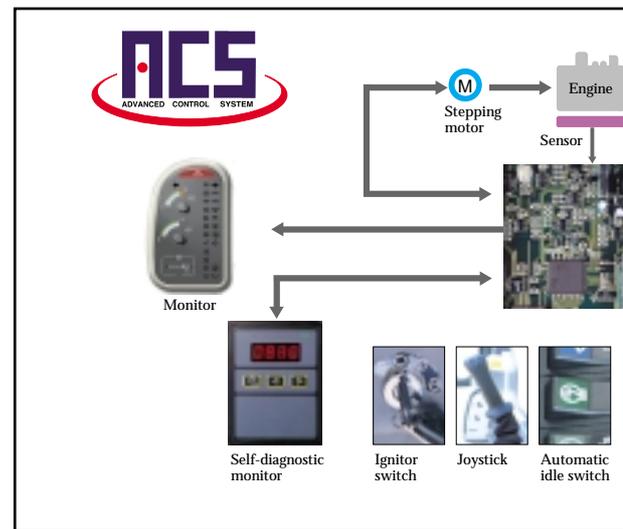


Volvo excavators have been designed, engineered and manufactured with the world's most advanced systems and technology.

Now you can have it all.

The highest performance and quality, as well as unsurpassed operator comfort and control! With the new Volvo wheeled excavator, you will be able to tackle all the jobsites, whether on or off the road. Call your nearest Volvo dealer for a test drive in the New Volvo EW170 Wheeled Excavator.

Work Safely!



Hydraulic system

ACS, or the Advanced Control System, is Volvo's exclusive intelligent operating control system. It has four power mode selections available with 9 different engine RPM settings.

The power modes, "H", "G", "F", and "I" are suitable for many different job site conditions. For tough jobs, when extra power is needed, operators have a convenient Power Boost Mode available. Power boost raises the main relief pressure for the boom, arm, and bucket circuits to 350 bar. This allows the operator to get the job done without slowing down the work cycle. It's simple and efficient.

ACS even features a self-diagnostic system that automatically checks the machine's vital functions. If there are malfunctions, the operator instantly knows what the problem is. The boom, arm and swing priority systems are automatic.

There are no switches to activate. The machine "knows" what to do based on the joystick movements of the operator.

The main hydraulic control valve assembly has been designed specifically for our excavators. Its multi-functional design, with two separate valve banks, makes it possible to perform a variety of operations simultaneously.

The Volvo hydraulic system has many other high tech features also.

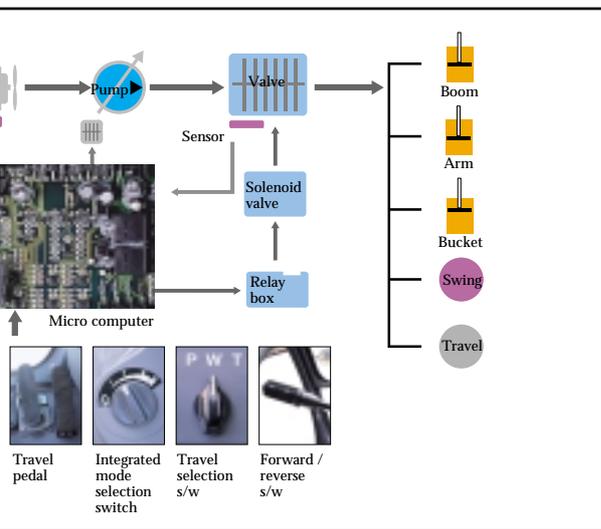
There is a "standard" auxiliary control valve spool for quick installation of factory or after-market equipment.

All wheel drive

The 4-wheel, hydraulic drive system, is designed for jobsite conditions with extremely poor terrain.

Grease fittings

All equipment grease points are easily greased from ground level.



Service brake system

Wet, multiple disc brakes, ensure good braking on muddy terrain. They are sealed to keep out dirt and other abrasive contaminants. Two completely independent brake systems are provided for the front and rear axle.

Easy bucket adjustment

Adjustment can be easily made by adding or deleting shims to reduce noise and excessive movement.

Easy access oil filter

A spin-on vertical engine oil filter is conveniently located, making it easy to change.

Large capacity radiator

The large capacity radiator system provides excellent engine cooling efficiency. Radiator fins are designed to reduce plugging by insects or dust and are easily accessible if cleaning is required.



Undercarriage

The hydraulic dual brake system, with the negative actuation of the parking brake, improves safety. The steering system is fully hydraulic and the steering wheel has tilt and telescopic functions, which provide the operator with greater comfort. The front axle hydraulic locking system allows the axle to oscillate when travelling and provides stability by locking in position when working.

Undercarriage design

Stronger materials and designs result in increased life on undercarriage components.



VOLVO

**Volvo Construction
Equipment Group**

Ref. No. 21 2 435 1126 English, global
Printed in Korea 2000.07-1 KOR
Volvo, Seoul