

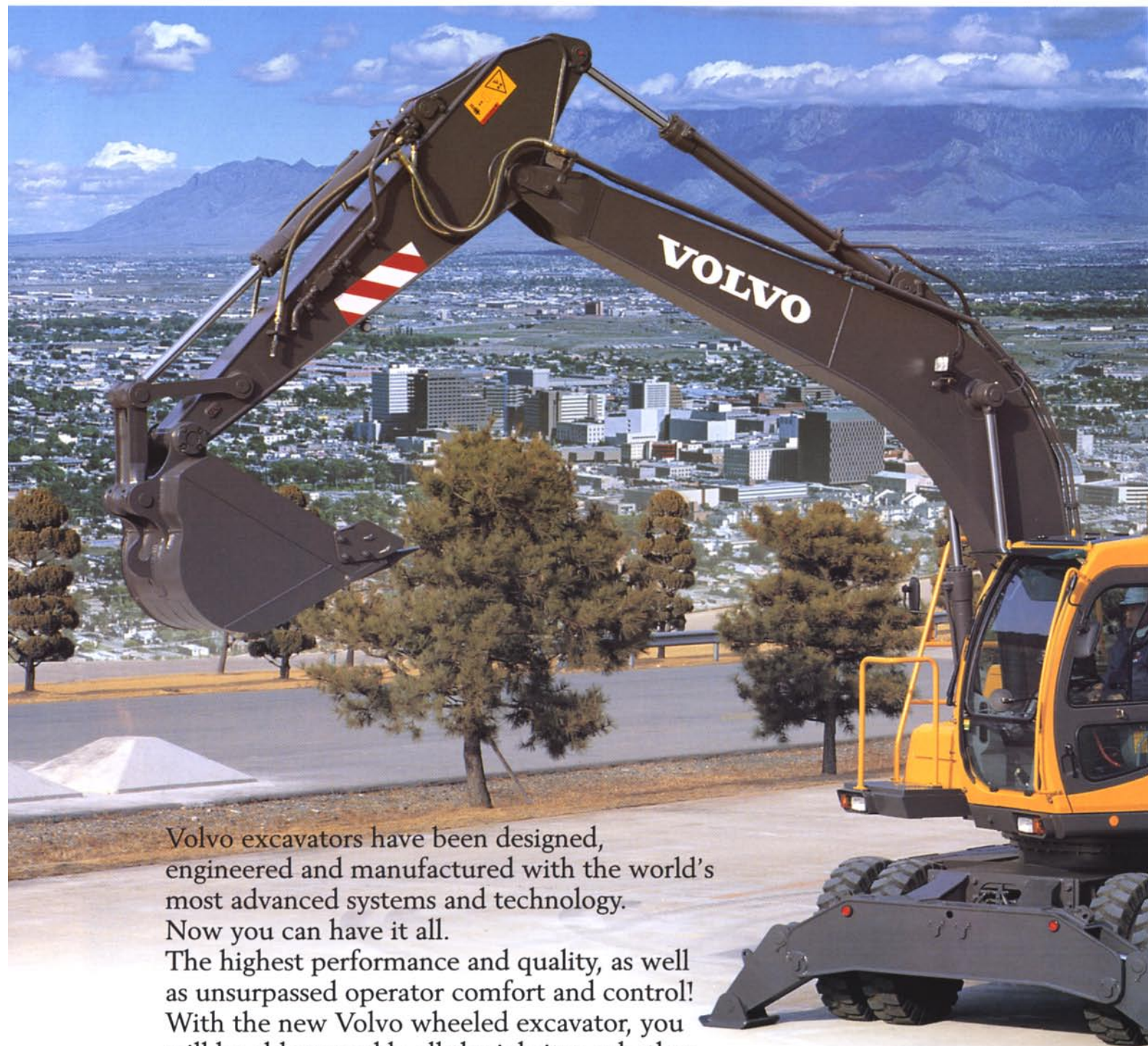
VOLVO EXCAVATOR

EW170



VOLVO

**“Whether on the street or in the dirt,
do it with just one machine.”
The New Volvo EW170**

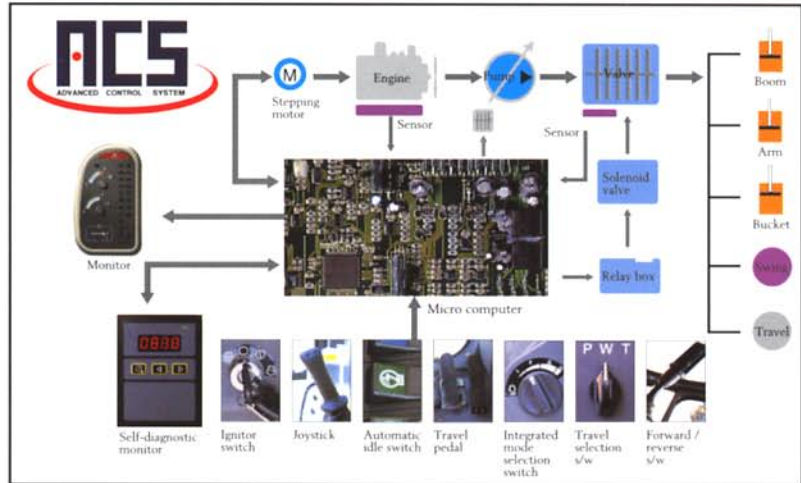


Volvo excavators have been designed, engineered and manufactured with the world's most advanced systems and technology.

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 4,980 psi. 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.

Highest visibility in the industry

The large curved front window offers a wide area of increased visibility in the upper line of sight and is easily stored by sliding it upward to the overhead storage position.

All wheel drive

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

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, ensures safety under any conditions. 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.



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