

**VOLVO EXCAVATORS  
EW160 AND EC160**

**VOLVO**



*Easy to operate, flexible, powerful yet agile.*

Volvo's new 15-tonner is available with wheel undercarriage as well as wide or narrow track undercarriage. You get greater versatility thanks to a very wide selection of digging equipment and attachment combinations. You can work quickly and nimbly or at creep speed and with full manoeuvrability in the digging equipment. Heavy lifts – up to five tonnes at normal working distance – are also easier, thanks to the powerful hydraulics and stable undercarriage.



*Biggest cab in class, coddles the operator.* Big, openable windows. Extremely well equipped, superbly spacious and comfortable. Free of vibration. The seat has all the features for the ideal working position. Try adjustable control panels in combination. Mode selector, air conditioning and other features. Work with all the security of Volvo. With optional equipment the cab meets



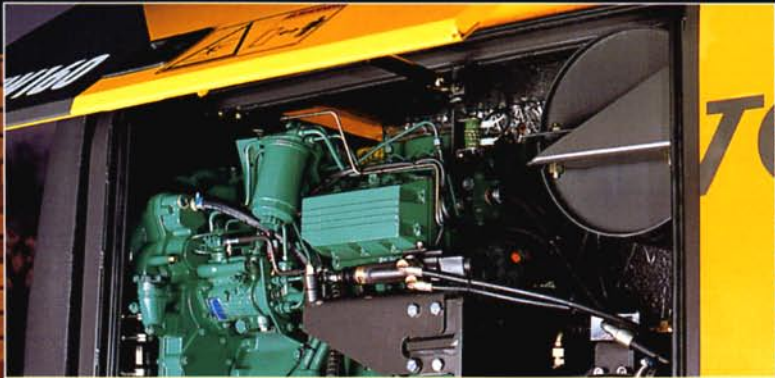
*Load-sensing hydraulic system boosts capacity and improves efficiency.*

You will notice at once how the lever feels like an extension of your arm. The excavator is easy to operate, to say the least. When you have worked for a while you will notice another improvement: better fuel efficiency. One of the reasons is the new load-sensing hydraulic system – the oil is only pumped around when it is needed, you control the flow.



*Operator in every way.*

...y good full-circle visibility. A well-ergonomic workplace with a minimum adjustment options you need to find an...ing the seat separately, or both seat and...ctor and tinted glass are standard, air...re available as options. Here you can...o's safety package (with easy-to-fit...s FOPS and FOGS requirements).



*Efficient low-emission engine, extremely service-friendly.*

The low-emission diesel engine is specially designed for Volvo equipment. It has high power and low environmental impact. Moreover, the new service excavators are 95% recyclable and prepared for use of biodegradable hydraulic oils (option). The engine is located for easy access in the longitudinal direction of the machine. A practical service passage provides full accessibility to the machine's vital parts. Other new features: power-shift gearbox with creep speed, wet multi-disc brakes all around (drum brakes in rear as option) and limited-slip differential on the rear axle for better off-road mobility.

# IT'S ALL ABOUT MAKING YOUR JOB EASIER

Our philosophy is simple. The operator of a Volvo excavator should get more out of every working hour. With safety and comfort and with less environmental impact. If you would like to find out how this theory works in practice, we recommend a test drive in our new 15-tonner.

Its rugged reliability is probably no more than you would expect from a Volvo. But you are likely to be pleasantly surprised at its other new features. The new design is labour-saving and service-friendly in every respect. The cab is not just the roomiest in its class, but also the most convenient and ergonomic workplace you can choose. You can lift more and manoeuvre more easily, while you have access to all the technical features needed by a general-purpose excavator. Moreover, there are more options than ever for tailoring the machine to your own special chores.

These pages give you an initial picture of the many new features of the Volvo excavators – all of which serve the same fundamental end. *To make your job easier.*

# BUILD YOUR OWN VOLVO EXCAVATOR



If you have to allow for transport restrictions, you should choose the narrower track undercarriage (2.49 m wide and prepared for dozer blade). The wider version is even more stable with higher lift capacity.



The wheel undercarriage gives you almost total freedom of choice. You can work with or without stabilizers: with four outriggers (deployed individually, simultaneously or two by two), with support blade in front and outriggers in rear, with support blades both front and rear, with only rear support blade...choose your own combination. In addition there are a number of different tyres to choose from.



The attachment range opens up new possibilities: you can perform more jobs with the same excavator. A wide range of buckets and attachments are available for the excavator's quickfit, which is available in two versions – both well-adapted to the machine and the tasks at hand.



Articulated outriggers with lock cleat increase stability and reduce stresses on the ground. Good ground clearance, limited-slip differential and a design that permits the front axle to oscillate nine degrees contribute to outstanding off-road performance.

Your new service excavator is equipped with double boom cylinders. You can choose between monobloc boom, hydraulically adjustable boom and offset boom. Four standard dipper arms and grab dipper arm are also included in the range. Generous rotation angles enable you to work just as nimbly in confined spaces.

## VOLVO

Volvo Construction  
Equipment Group

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