



**The New Volvo BM L330C**  
POWERFUL ARGUMENTS FOR MAKING IT *YOUR* CHOICE.

**VOLVO BM**



## Now you can choose Volvo BM Technology, reliability and performance in a 6.6 m<sup>3</sup> loader

CREATED BY THE CHALLENGES OF THE TOUGHEST ENVIRONMENTS ON EARTH, AND TODAY'S NEED FOR A RELIABLE AND ECONOMICAL HIGH PRODUCTION MACHINE. THE NEW VOLVO BM L330C BECOMES THE NATURAL CHOICE.



The L330C is the first Volvo BM loader in this size class. It is backed by VME's high standard of quality and technological superiority in the World marketplace.

**A** brand new wheel loader introduces Volvo BM Technology and capability to the 46-ton class – the Volvo BM L330C. A new model, but it's backed by matchless understanding and experience in the marketplace: making it the natural choice for the toughest jobs.

### Quality built to tackle the toughest tasks

The new L330C is built to take on three shifts per day, year in, year out. With its proven Volvo diesel engine, heavy duty transmission and axles, it brings a wealth of established engineering success to the heavy loader class.

### Setting new standards for efficiency

Today's need for higher production and efficiency demands ever more intelligent solutions from manufacturers. The L330C meets the challenge with a powerful, compact and fuel efficient engine allied to a smooth transmission with Automatic Power-Shift. Together with energy saving, load-sensing hydraulics and steering, this new heavyweight offers fast,

effortless manoeuvrability under the toughest conditions.

### Higher availability, less servicing, easier maintenance

The Volvo BM L330C is designed for maximum availability. State of the art technology means longer intervals between services, with servicing made easier by greater access to components and grouped service points.

### Worldwide backing of VME service and support

VME is more than just the promise of efficient equipment and pioneering technology; the commitment it extends to its customers through the VME dealer and service network ensures that wherever VME equipment is operated, it has the full support of VME resources behind it.







The L330C is a high capacity, heavy duty machine designed for primary production in quarrying, mining, construction and high production timber handling.



Designed for maximum operator productivity: the comfort and safety afforded by the acclaimed Care Cab are important productivity plus points.





VOLVO BM L330C

## Greater productivity with lower costs per tonne.

INTELLIGENT CONSIDERATION OF TODAY'S PRODUCTIVITY DEMANDS HAVE RESULTED IN A MACHINE THAT OUTCLASSES THE COMPETITION BOTH IN PERFORMANCE AND OPERATING COSTS PER TONNE. THE NEW VOLVO BM L330C BECOMES THE MORE EFFICIENT CHOICE.







**T**he Volvo BM L330C is a brand new machine, yet one which combines field proven solutions with innovative new developments to bring you better load handling capabilities, easier operator handling, greater power and greater fuel efficiency.

**Volvo engine gives more power for less fuel.**

L330C features Volvo's highly successful TD 164 six cylinder, turbo-charged and intercooled diesel engine, giving excellent low-rpm lugging performance and developing 498hp (366kW).

Yet the TD 164 is a low emission engine that meets today's and tomorrow's requirements and gives class-leading fuel economy.

**Perfectly matched transmission makes workload easier.**

A carefully matched transmission system provides further capacity increase and fuel saving. The heavy duty, field-proven transmission features the Volvo BM-

developed Automatic Power Shift as standard, automatically ensuring that the L330C is in the right gear at all times, and providing fast, smooth shifting between forward and reverse.



**Rugged axle design for long service life.**

Front and rear axles of the L330C have

been engineered for maximum reliability, longevity and strength, with all mounting and oscillation pins sealed. The rear axle will oscillate, keeping all wheels in contact with the ground when working over uneven surfaces. Traction is further improved through Posi-Torq limited-slip differentials, which automatically transfer power for increased grip in poor conditions. And maximum braking efficiency is assured



through the use of fully sealed, forced oil-cooled, wet disc brakes acting on all four wheels.





**Linkage and bucket designed for high production performance.**

An effective loader linkage, with fast hydraulic speeds and high breakout forces give the L330C the essential qualities of a high capacity primary production loader. Automatic boom kickout and bucket leveler allow the bucket and boom to be set to predetermined positions, so dump height

and bucket leveling to the optimum digging angle can all be achieved automatically throughout the cycle.

**Load-sensing hydraulics and steering: smooth response, less power drain.**

The load-sensing main hydraulic system provides both the hydraulic pressure and flow where and when it is needed. Thanks to the four axial piston pumps, maximum pressure for tough digging and high flow for quick work cycles are effectively achieved.



**Comfortable operator's seat features adjustable spring suspension, backrest and seat cushion for maximum comfort.**

These pumps also ensure that adequate flow is always available for the smooth and safe function of the load-sensing hydrostatic steering system. And by avoiding a constant power drain on the engine, these systems help to further boost fuel economy. The steering system gives exceptional maneuverability and precise direction control with very little operator effort.

**Protecting the most important production factor - the operator.**

Making an operator's job as comfortable and easy as possible is one of the greater factors in boosting productivity. The unique Volvo BM-designed Care Cab fully does this and more. The Cab and the canopy meet ROPS/FOPS standards to keep the operator safe. A wide-opening door makes entry and exit easy, and large glass areas give excellent all-round visibility.



**Exceptionally strong front and rear frames are joined with tapered roller bearings designed to absorb a lifetime of heavy workloads. All bearings are sealed against dust and dirt.**



**Pilot-operated system provides excellent hydraulic control for minimum operator effort. Provision for third hydraulic control for greater flexibility.**



The cab is sound- and vibration- damped, and climate regulated to give the best possible working conditions. Pilot control of the working hydraulics, with short levers requiring only fingertip control, adds to the ease of operation.

**Contronic monitoring means lower maintenance costs.**

The onboard Contronic monitoring system helps reduce servicing and maintenance costs, and keeps downtime to a minimum. It provides continuous monitoring of all the major functions of the machine, and is



linked to the central warning system, informing the operator immediately of any malfunction. All information is clearly displayed on the cab console in front of the operator, and faults are indicated by both a flashing warning light and a plain text message.



Data stored in the Contronic monitoring system also provides additional information for the service engineer, enabling him to identify potential problems and correct them immediately.



**Faster, simpler servicing with long service intervals.**

Simpler, less frequent servicing means less downtime, lower maintenance costs and more productivity. Access to service points has been carefully considered. Engine covers are large, and open easily on gas struts. The radiator grille and hydraulically-driven fan swing open for access to the radiator and hydraulic oil cooler. Hydraulic pressure check ports commonly used are located in convenient manifold on the machine, and all routine service work can be done either from ground level or from integrated solid steel work platforms.



Reinforced, heavy duty axles house oil-cooled, fully sealed wet disc brakes. Rear axle design allows  $\pm 12^\circ$  oscillation for optimum traction on uneven ground.



Commonly used hydraulic pressure check ports are situated on an easily reached manifold, making testing quicker and more convenient.

Under our policy of continuous product 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.

***Make THE NATURAL CHOICE***  
– call your VME Dealer today for more information.





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