

New Volvo BM L50B.

MultiLoader.



VOLVO BM

Compact. Quick and powerful a superb operating economy

The Volvo BM L50B MultiLoader is the latest member in VME's new generation of wheel-loaders. Its efficient design and weight of about eight tons makes the Volvo BM L50B a very compact wheel-loader.

Furthermore, it represents a big step in the development of the allrounder. It has a powerful, fuel-efficient, four-cylinder, turbo-diesel engine, hydrostatic transmission, a two-speed Power Shift gearbox, and load-sensing steering. It's quick, powerful and smooth.

The new loader unit, TP-linkage, and new load-sensing hydraulics provide all the versatility you need.

TP-linkage, patented by VME, gives high breakout torque and a near perfect parallel action throughout the entire lifting range. The hydraulics, with a variable piston pump and central control

unit, give you undiminished power where and whenever it's needed.

Optimum balance between the different components ensures high capacity, and versatility and gives better productivity. High availability and low fuel consumption make the new Volvo BM L50B economical to own and operate.

In short, the new Volvo BM L50B MultiLoader is so efficient that it can only be compared with its own predecessor, the Volvo BM L50.



powerful. High availability and
reliability. High availability and
reliability.



Care Cab. Safety-tested and Easy to operate. Unique pr

Like its bigger cousins the Volvo BM L50B MultiLoader comes equipped with Care Cab, a unique operating environment with a level of comfort that's second-to-none. Moreover, Care Cab is both ROPS/FOPS certified.

The large, wrap around windshield provides very good visibility over the work area and offers a clear view of any of the many attachments from all angles. There's also good visibility to the rear over the wheels and outer edges of the counterweight. High position rear-view mirrors further enhance overall visibility to the rear and sides giving you complete control over your surroundings.

Work satisfaction and increased productivity go hand-in-hand. That's why Care Cab is well-insulated against noise, and has an attractive, ergonomic design. The controls are standardized; positioned in the same place in all Care Cabs. That means the same operating technique applies to the L50B as to other Volvo BM wheel-loaders.

The pilot-operated hydraulics are finger-tip controlled. When shifting gears, you need only think in terms of forward, back and

kick-down. Load-sensitive steering makes the Volvo BM L50B easy to operate. And naturally, you can adjust the operators seat to suit your own personal comfort.

Care Cab gives you a first class total operating environment. A work place designed to maximize productivity.



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TP-linkage. Hydrostatic tra hydraulics and wet disc-br



There are some 80 different attachments to choose from. With the optional hydraulic attachment bracket it's possible to change attachments without leaving the cab.

The near perfect parallel action throughout the entire lifting range ensures high precision when working with forks and the material handling arms.

The buckets are specially designed for TP-linkage, ranging from a 1.6 yd³ standard bucket up to a wood chip bucket measuring 5.1 yd³.

The hydraulic system is pilot-operated with low effort, fingertip controls.

TP-linkage gives high breakout torque throughout the entire lifting range. That makes the Volvo BM L50B both an efficient bucket loader and an allround machine.

The hydraulic system is load-sensing. A common pump, together with a central valve block, distributes the oil to all operating functions.

The load-sensing, hydrostatic steering is very responsive making the L50B stable and easy to handle.

Transmission. Load-sensing brakes.

The new Care Cab is a quiet and comfortable working environment offering good visibility; a work place designed for high productivity.

The Contronic electronic monitoring system (optional equipment) provides continuous monitoring on the machine's condition.

The high performance, turbo-charged diesel engine delivers good fuel economy. There's also a low-emission engine option available.

The engine cover and radiator grill open easily to facilitate inspection and cleaning.



axles with maintenance-free rear axle bearings and cooled, wet disc-brakes give high machine availability and long life.

The hydrostatic transmission, Power Shift gearbox with high and low gears and kick-down, makes for powerful, smooth operation.

Member of the VME family

Global service and parts s

VME is one of the largest wheel-loader manufacturers in the world. This tells you that the new Volvo BM L50B MultiLoader is part of a large and stable family.

VME has always been in the forefront of wheel-loader development. The Volvo BM L50B is no exception.

This time around, we've doubled our efforts to design a wheel-loader that offers exceptional service-friendly features. Thanks to close cooperation between our service experts and designers, the L50B has been specially designed to rationalize service and maintenance from the very beginning.

To start with, all of the covers to the engine compartment open upwards easily. No tools are necessary. Moreover, all covers are of single-unit design to facilitate opening and closing.

All key check points on the machine are easy to reach from the ground, facilitating service and daily maintenance. And all components, spare-parts, accessories and tools have been standardized to minimize downtime.

In addition, you can equip your wheel-loader with the optional Contronic electronic monitoring system which provides continuous information on the status of all vital machine functions.

When you own a Volvo BM from VME you know that service and spare-parts are available wherever you happen to be in the world. We're only as far away as your nearest telephone.



ly. Service-friendly.
upport.



Outstanding versatility. 79 What more can you ask fo

The Volvo BM L50B MultiLoader is not only the ideal bucket loader. Its versatility makes it truly representative of VME's allrounder-tradition.

Thanks to TP-linkage, which delivers high breakout torque and near-perfect parallel action throughout the entire lifting range, you get the right combination of power and precision whether you're working with a bucket or one of the many attachments.

The great variety of attachments, nearly 80 in all, makes the Volvo BM L50B MultiLoader very versatile. The precise hydraulics enable you to handle even fragile goods safely. And if you're bucket loading you'll find there's a lot less spillage.

The hydrostatic drive gives you easy and smooth operation. The hydraulics are controlled by minimal and exacting lever movement. And thanks to the load-sensing steering, you'll find it fast and easy to operate even in hard to reach areas.

In the photos to the right you'll find some of the different application areas for the new Volvo BM L50B. What more can you ask of a true MultiLoader!



The new TP-linkage makes the Volvo BM L50B a smooth and efficient bucket loader. TP-linkage gives high breakout torque throughout the entire lifting range.



Efficiency is a key feature of the Volvo BML50B. It's designed to move quickly from one work site to another, such as within a harbor area. And with the wide range of attachments and the hydraulic attachment bracket, the L50B can carry out many different kinds of jobs.



The Volvo BM L50B is ideal for grading work. The bucket can be tilted forward more than 90 degrees, making it possible to grade effectively in both directions. With the help of bucket rolling action it's also possible to pull the machine free if it gets stuck.



The large, deep, wrap-around windshield gives the operator a clear view of the attachment and wheels. This ensures good visibility over both the machine and the immediate surroundings and makes it possible to work effectively even in close quarters.



The long reach and good balance due to the long wheel-base enables precise loading even at a distance. The high breakout torque facilitates the handling of heavy material.



The Volvo BM L50B's wide range of attachments makes it one of the most versatile machines in its class. Here the L50B is equipped with a special attachment for handling large sacks.

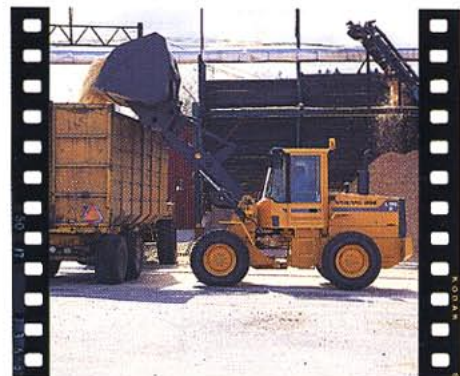
attachments. r?



Power, flexibility and hydraulic precision combined with low speed characteristics has clear advantages when working with the material handling arm.



Hard to handle material is no match for the Volvo BM L50B. The unique match of rimpull and breakout torque makes the L50B ideal for municipal projects such as park maintenance etc.



With the high tip wood chip bucket you've got a high capacity loader for smaller sawmills. The high lifting capacity and boom and bucket kick-out increase operating efficiency.



Thanks to the load-sensing steering, you're able to move quickly and smoothly even in hard to reach areas. The Volvo BM L50B is as easy to operate as a car.



The highly responsive hydraulics and high lifting capability is ideal for timber handling. The small size of the loader and its precise control, where the timber grapple is controlled by the pilot-steered hydraulics, makes the L50B a natural for smaller sawmills.



The Volvo BM L50B is not just a loader but a unusually versatile farm machine for larger agricultural operations such as for clearing farmfields with the stone fork.



The powerful engine and the effective, hydraulic system provides plenty of power to run various hydraulic attachments such as a sweeper.



The Volvo BM L50B is a natural for snow clearance. The Care Cab is warm and comfortable and the large windshield gives a good all-round view. Thanks to the load-sensing steering, maneuvering in tight spaces such as on park roads and parking places, is no problem.



The Volvo BM L50B is powerful enough to plow even up hill. The hydrostatic transmission makes for jerk-free operation and smooth starts; a real advantage on slippery surfaces.



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