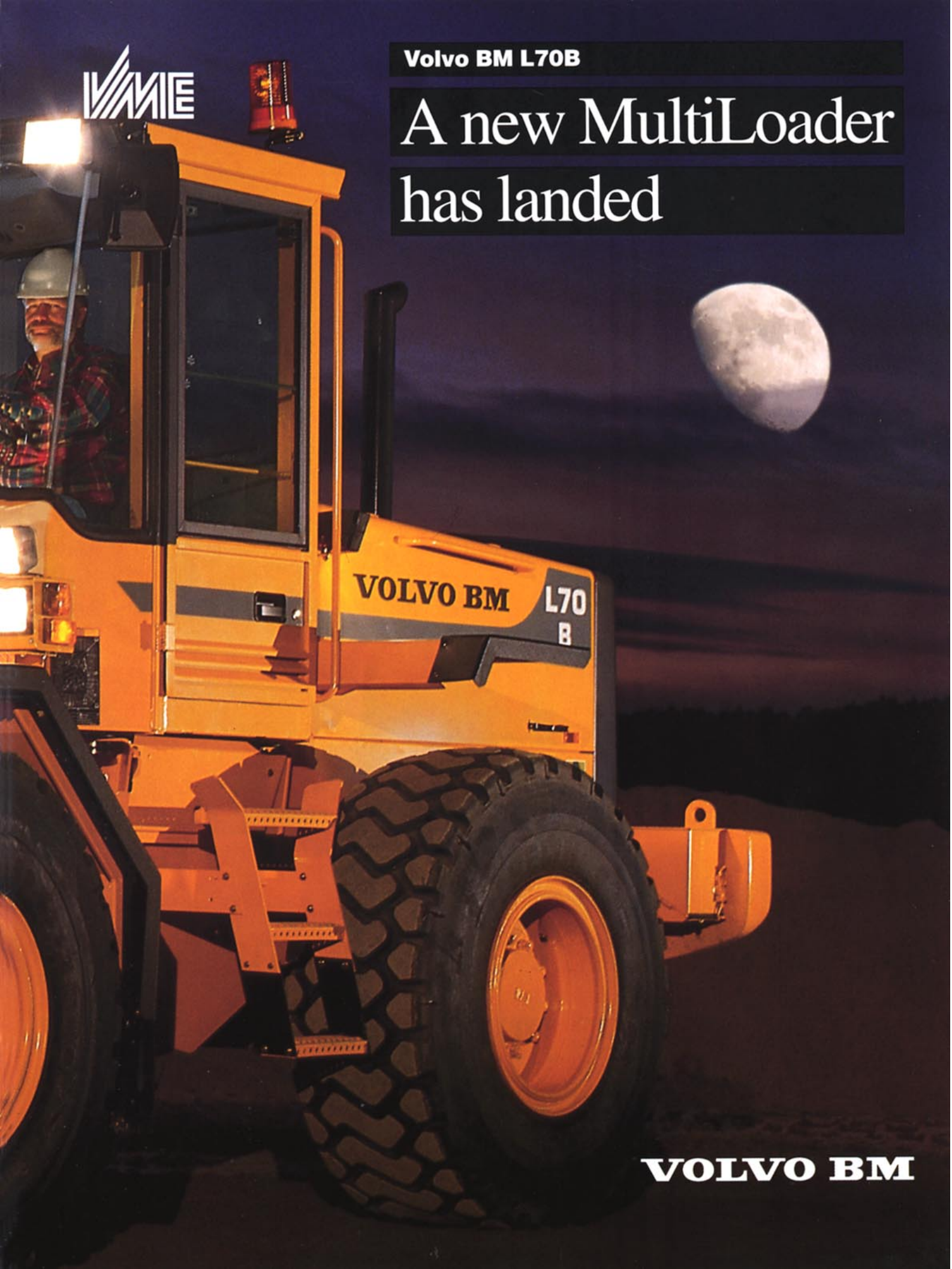




Volvo BM L70B

**A new MultiLoader
has landed**



VOLVO BM

New cab. Volvo BM Care Cab with excellent full-circle visibility and total comfort that enhances operator productivity.

Volvo BM Automatic Power Shift transmission as standard provides higher productivity and lower fuel consumption.

The Contronic electronic monitoring system provides up-to-date information on the machine's condition in plain text.

New lift-arm system. Volvo BM TP Linkage combines all the advantages of the parallel lift-arm system with high breakout torque throughout the working range.

The attachment bracket permits quick attachment changes and increases the machine's flexibility.



A Volvo six-cylinder engine and TP Linkage put power behind the world's widest range of attachments



• New 6-cylinder Volvo engine. A direct-injection turbodiesel with very good low-rpm lugging performance.

• Large, gas-sprung engine access doors provide excellent access to the engine compartment and the swing-out radiator is easily accessible for service and daily maintenance.

• New load-sensing hydraulic system enables quick attachment movements even at low engine speeds.

• Load-sensing steering makes the machine easy to maneuver with high precision and reduces fuel consumption.

• New AWB axles with wet, internal oil circulation-cooled disc brakes – effective and long-lived.

New engine, new hydraulics, new loader linkage and new comfort cab, no wonder everyone is so curious about the new Volvo BM L70B.

Packed with modern technology, it is ready and able to take over after the L70, a hard-working and popular loader with solid experience in sand and gravel handling, pallet loading, sawmills, building sites, road maintenance, snow clearance and a long list of special application areas.

The Volvo BM L70B is stronger, faster, more flexible and therefore even more useful than its predecessor.

With its 6-cylinder Volvo engine, patented TP Linkage lift-arm system and a new, load-sensing hydraulic system, the Volvo BM L70B puts power behind the world's widest range of attachments, Volvo BM Genuine Attachments.

We decided to build the world's best wheel loader in this class. Now you can test the result. A new Multiloader has arrived.

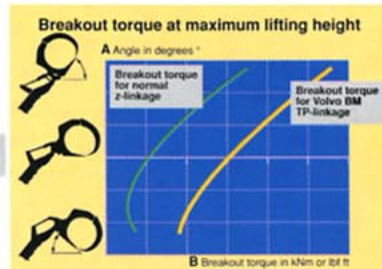
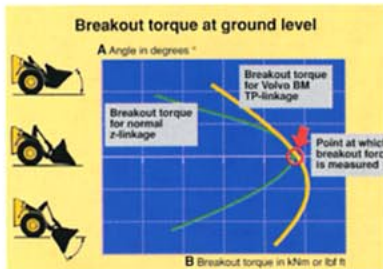


The Volvo BM L70B is stronger, faster and more flexible. The new Multiloader has the capacity to perform a variety of new tasks with the aid of the world's widest range of attachments, Volvo BM Genuine Attachments.



New engine, APS, new axles with wet brakes plus a brand new loader linkage. The L70B is a completely new machine.

The Volvo BM L70B is a modern Multiloader with a powerful and dependable 6-cylinder Volvo turbodiesel engine, automatic power shift transmission and new, fully-floating axle shafts. The wet, internal oil circulation-cooled disc brakes (Axle Wet Brake) provide effective machine braking. The brakes are enclosed and thereby completely protected and are located at the wheels to facilitate service.



TP Linkage provides high breakout torque and parallel liftarm action throughout the working range.

Volvo BM's patented lift-arm system TP Linkage provides nearly exact parallel lift-arm action and superb breakout torque. The design and geometry of the loader unit give the L70B longer reach and higher lift height. The breakout torque of the TP Linkage surpasses that of the Z-bar linkage throughout the lifting range. The operator has full control over the attachment in all positions.



Intelligent load-sensing hydraulics.

The Volvo BM L70B has been given a new load-sensing hydraulic system for faster attachment movements at low engine speeds. No oil is pumped unnecessarily. The attachment is operated with high precision due to new pilot hydraulics with a new control valve of the spool/wedge type. To further broaden the machine's range of application, attachment hydraulics are available for hydraulically powered attachments such as brush cutters and snow blowers.



Volvo BM Care Cab. The most important part of the machine sits here.

The operator is the machine's most important production factor. In the L70B's new Volvo BM Care Cab, we have invested in an ergonomically designed working environment. Adjust the operator's seat comfortably and notice the excellent full-circle visibility provided by the large glass areas. Pilot-operated working hydraulics with short levers and low lever forces facilitate precision work. The Volvo BM Care Cab is quiet due to rubber isolation mounts and superb insulation. The heating and ventilation system supplies tempered, filtered fresh air from 14 adjustable air outlets.

The Contronic system and good accessibility simplify service and minimize maintenance costs.

The electronic monitoring system, Contronic, contributes actively to reducing maintenance costs by keeping the operator constantly informed on the condition of the machine. A five-language display provides continuous plain-text information on what service the machine needs. Contronic thereby reduces the risk of unplanned service stoppages and extends the life of the machine. Large access doors and a swing-out radiator simplify service.



Under our policy of continuous product improvement, we reserve the right to change specifications or design without prior notice.

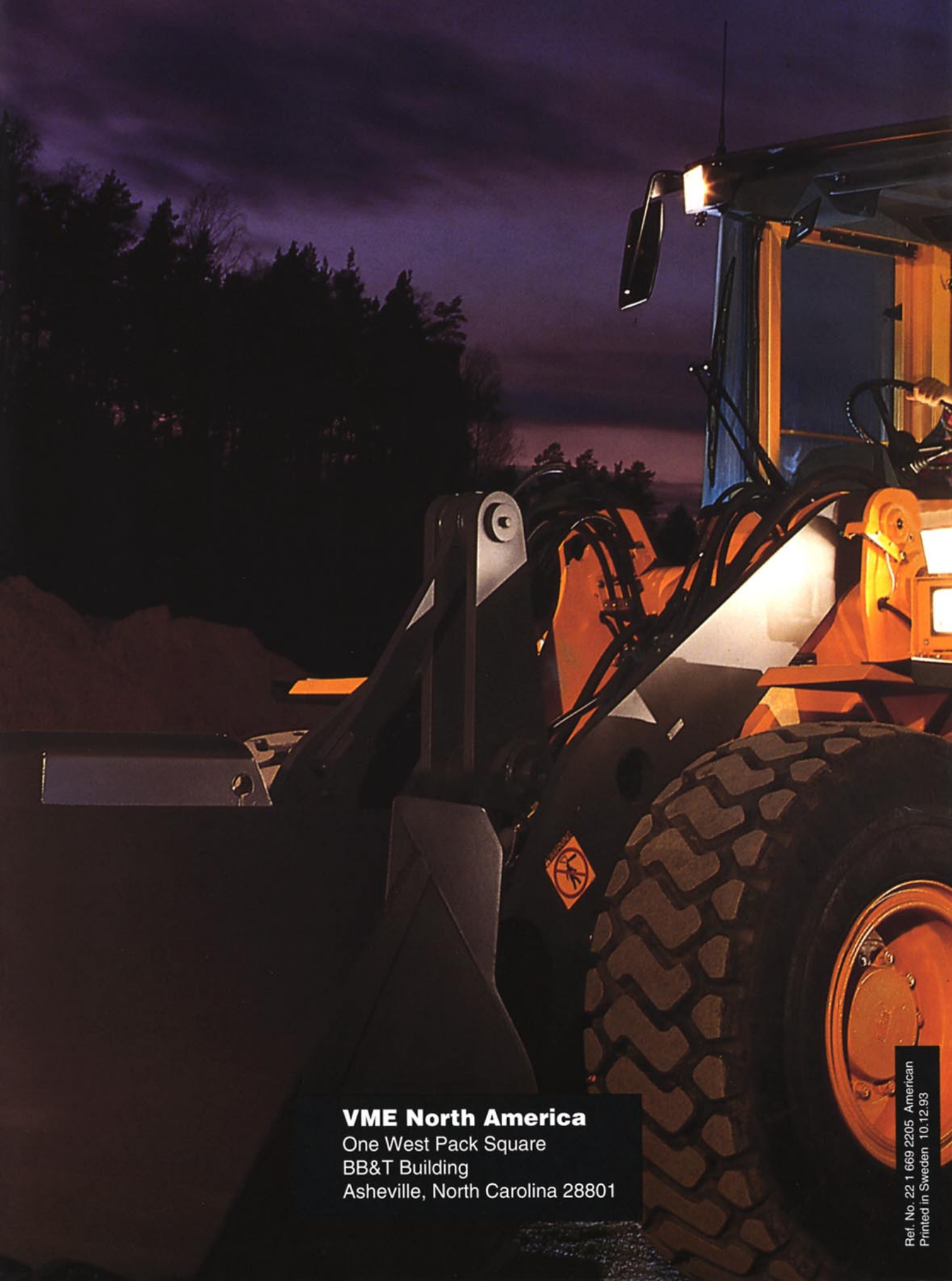


Volvo BM L70B

Operating weight	9.8–11.5 t	21 600–25 400 lb
Bucket volume	1.6–5.0 m ³	2.1–6.5 yd ³
Engine output		
SAE gross	93kW	126 hp
Tipping load, straight	7 630 kg	16 820 lb
Breakout force	101 kN	22 700 lbf
Tires	17.5–25 or 20.5–25	

Options:

- Low-emission engine
- 8-speed transmission
- 100% differential lock, (front axle)
- Attachment hydraulics
- Air conditioning
- Boom Suspension System



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