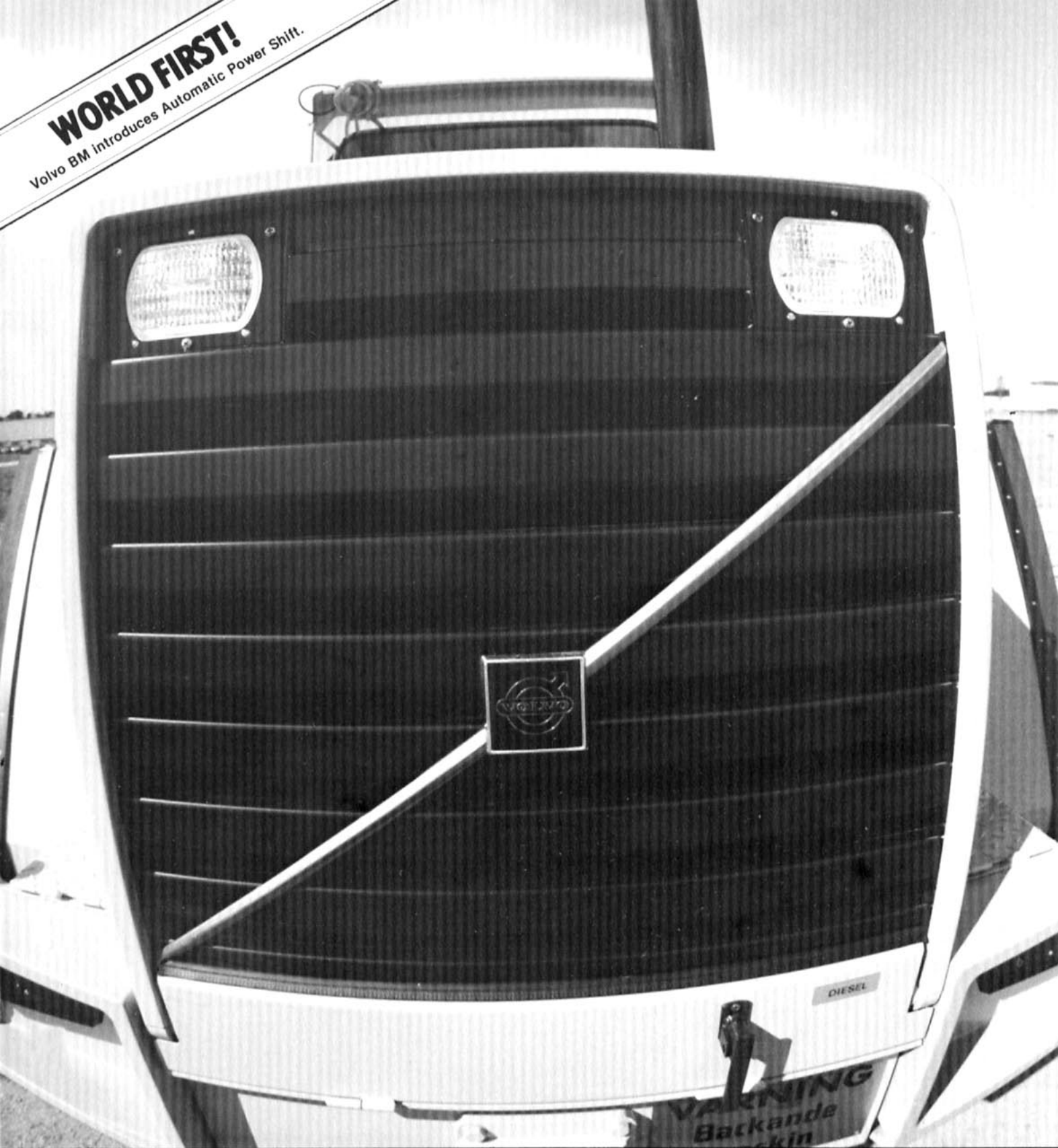


**WORLD FIRST!**  
Volvo BM introduces Automatic Power Shift.



**THE VOLVO BM 4300.  
THE ALLROUNDER  
THAT HAS GROWN IN  
STRENGTH AND CAPACITY.**

# THE NEW VOLVO BM 4300. A GOOD LOADER HAS BEEN MADE EVEN BETTER:

The Volvo BM 4300 was the first loader in The New Generation from Volvo BM.

Since it was introduced a few years ago, it has become popular with both owners and operators all over the world.

But having succeeded so well with the Volvo BM 4300, Volvo BM's engineers did not simply rest on their laurels, content with a truly great machine with excellent sales statistics.

Quite to the contrary! Volvo BM has instead worked all out to make the Volvo BM 4300 even better.

We have listened carefully to the comments and requests of owners and operators. And we are now proud to present the result!

A new Volvo BM 4300. With important new features and improvements that have to do with greater power, capacity, quality and overall economy.



## NEW ENGINE GIVES FASTER WORK CYCLES AND GOOD FUEL ECONOMY.

The new Volvo BM TD 45 engine has 19% higher maximum torque than its predecessor and is better matched to the transmission.

This gives faster work cycles, higher capacity and good fuel economy — since the fuel is used more efficiently.

The engine develops 105 hp at 2 200 rpm, DIN 70020. An increase of 8% in comparison with the previous engine.

## IMPROVED STEERING SYSTEM GIVES EVEN BETTER MANOEUVRABILITY.

The Volvo BM 4300 was already known to be an unusually manoeuvrable, stable and easy-to-operate loader.

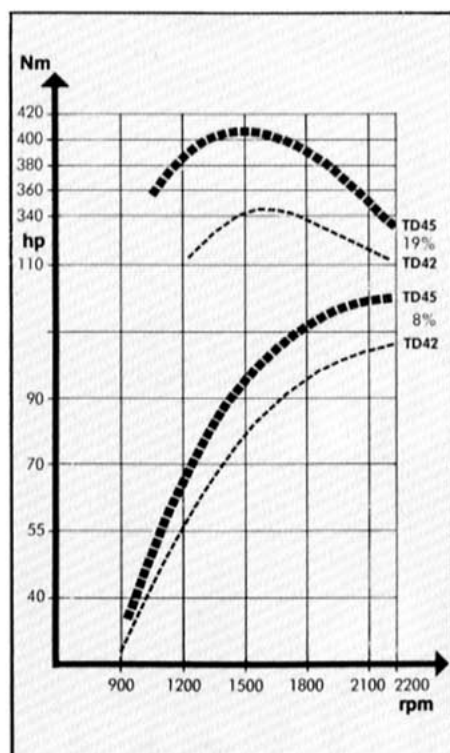
Thanks to its small turning radius, it is easy to drive even in tight quarters. And its quick acceleration enables you to get a lot more done in each work cycle.

The new Volvo BM 4300 has a new "load-sensing hydrostatic steering system", where the hydraulic fluid is delivered via a piston pump with variable

flow. This has resulted in the following advantages: • Quicker steering over uneven terrain • Lower fuel consumption due to lower circulation losses • Lower sound level.

## EXPANDED BUCKET RANGE.

The attachment range, which includes buckets from 1.3 m<sup>3</sup> to 3.5 m<sup>3</sup> (1.7 yd<sup>3</sup> to 4.6 yd<sup>3</sup>), has now been expanded with an additional bucket size of 1.45 m<sup>3</sup> (1.9 yd<sup>3</sup>) for materials with a density of 1 600 kg/m<sup>3</sup>. This permits optimal utilization of the machine's performance capacity.



### NEW HYDRAULIC VANE-TYPE PUMP.

The advantage of the new vane pump is that the hydraulic system operates more quietly and that it retains a higher efficiency throughout its life, since the vane pump automatically compensates for wear.



### NEW FLOOR SWITCH FOR DIFFERENTIAL LOCK.

The new floor switch for the differential lock enables the operator to engage the differential lock at exactly the right instant, even when both his hands are otherwise occupied.



### EASIER AND SAFER FUELLING.

The fuelling tube on the new Volvo BM 4300 has been moved to the rear of the machine, behind a lockable door.

There is also room for large tools.



### NEW BATTERY CASE PERMITS GREATER FREEDOM IN CHOOSING BATTERIES.

The new roomy battery case is one example of a small but significant difference on the new Volvo BM 4300.

The battery case permits a wider freedom of choice of batteries, depending on availability.

The hinged cover makes it easier to check the batteries.

### QUICK AND EASY SERVICE SAVES TIME AND MONEY.

The new Volvo BM 4300 is easier to service than before!

In addition to hinged engine bonnets and a roomier battery case, the following improvements can be mentioned:

- Extended lube points
- More easily accessible filling points
- Easier-to-read level glasses
- Radiator can be filled without disconnecting radiator hoses
- Simpler drainage of brake system reservoir
- Closeable outlets on hydraulic tank.

### VOLVO BM INTRODUCES THE WORLD'S FIRST AUTOMATIC-SHIFT LOADER.

Volvo BM is now able to offer automatic-shift versions of the 4300 loader (as well as of the 4400 and 4500).

A world first with numerous advantages!

A specially-programmed computer handles gear selection and makes sure that the machine is operating with the right gear in every situation. The operator can maintain a higher speed in the loading work without exerting himself, resulting in higher machine capacity.

Automatic shift gives better fuel economy, since the machine always operates with the right gear. This eliminates unnecessary energy losses due to incorrect engine speed in relation to travelling speed.

The new automatic shift has been tested and modified over and over again, so that it is now at least as tough and dependable as the rest of the machine.

### THE VOLVO BM 4300 FEATURES AN IDEAL COMBINATION OF ALLROUNDER VERSATILITY AND HIGH PRODUCTIVITY.

If you are looking for a first-rate loader in the 9-tonne class, you should take a closer look at the new 4300 right away!

Thanks to its extensive range of attachments, the Volvo BM 4300 is highly economical at a wide array of different tasks.

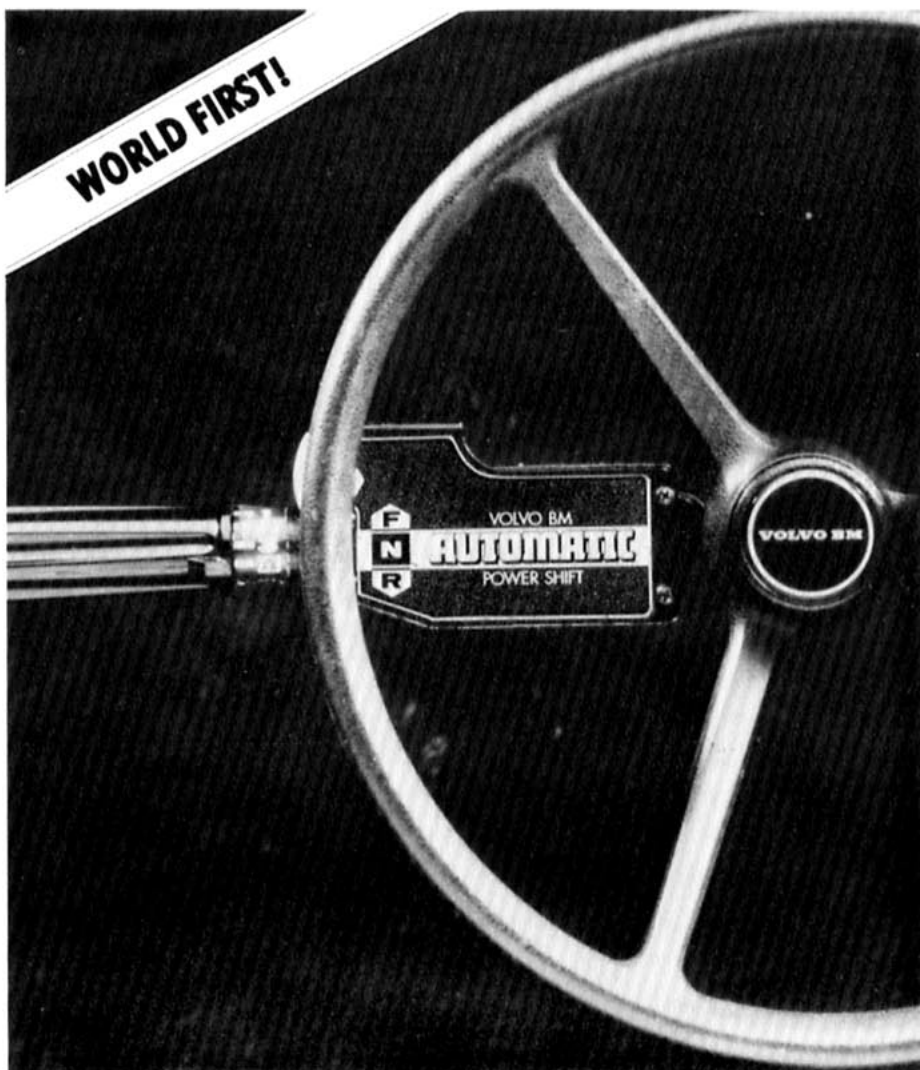
The unique SNAP-ON COUPLING enables the operator to switch between attachments and work duties in a matter of seconds, without even having to leave the cab!

Add to this the unique loader unit that provides undiminished breakout force even in the top position, high lifting height, long reach and outstanding parallel side-arm action. And when you also consider the high cab comfort, safety and ease of service of the 4300, your choice will be an easy one!

### THE 4300 IS A MEMBER OF THE NEW GENERATION OF LOADERS FROM VOLVO BM.

Volvo BM's new loader generation, with machine weights from 5.7 to 21 tonnes, is way ahead of the competition in many important respects.

You will discover this for yourself when you have your Volvo BM representative demonstrate the finer points of the machine.





THIS IS WHAT OWNERS AND OPERATORS THOUGHT ABOUT THE "OLD" VOLVO BM 4300 ALLROUNDER

# THE NEW VOLVO BM 4300 IS EVEN BETTER!

The Volvo BM 4300 is very popular among both owners and operators all over the world.

Owners have particularly praised the machine's work capacity, versatility and reliability. Operators have applauded the machine's manoeuvrability, quick acceleration and safety and cab comfort.

Following are some typical appraisals of the "old" Volvo BM 4300s. The new Volvo BM 4300 is even better in a number of important ways. It has grown in both strength and capacity!

*Wim Kuipers, Wigcher's transport firm, Holland:*

**"THE VOLVO BM 4300 IS QUICKER AND HAS A HIGHER LIFTING HEIGHT THAN OTHER LOADERS."**

*Vikoddens Brug, Norway:*

**"OUR MACHINE COSTS WENT DOWN AT LEAST 20% AFTER WE WENT IN FOR THE VOLVO BM 4300."**

*Vagner Jensen, Aabybro Entreprenørforretning, Denmark:*

**"THE VOLVO BM 4300 IS ALSO PERFECT FOR SNOW CLEARANCE. THAT ENABLED US TO MAKE A GOOD PROFIT IN THE LOW SEASON AS WELL."**

*Britannia Lead, England:*

**"WE HAVE PARTICULARLY HIGH REQUIREMENTS ON BREAKOUT FORCE AND PRECISION."**

*Willi Kohl, Kohl & Söhne, West Germany:*

**"WE COMPARED COMPETING MACHINES WITH THE VOLVO BM 4300. THE MACHINE'S LOW GROUND PRESSURE AND THE SNAP-ON COUPLING WERE VERY IMPORTANT TO US."**

*Anders Sjögren, John Abrahamsson Elfr, Sweden:*

**"WE CAN'T AFFORD PRODUCTION STOPPAGES. THAT'S WHY WE CHOSE THE VOLVO BM 4300. WE HAVE NO COMPLAINTS WHATSOEVER."**

**VOLVO BM**  
VOLVO BM AB ESKILSTUNA SWEDEN

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