

**Anyone  
who is concerned  
with forestry work  
cannot do without the  
Unimog forestry tractor.**

Mercedes-Benz



# Medium-size timber harvesting.

Medium-size timber occurs mostly in the process of thinning. This calls for a compact, easily manoeuvrable tractor for harvesting economically and with as little damage to the standing trees as possible. This is why many experts consider the Unimog forestry tractor the best possible choice.

Genuine all-wheel drive, differential locks on both axles, and a low centre of gravity give the best possible power traction, even on extremely difficult terrain.

A double drum winch mounted to the chassis of the Unimog, and the sturdy sprag provide very firm anchorage when winching timber.

Two-thirds of the weight of the Unimog is on the front axle. Therefore the rear axle can take high payloads. This is one of the greatest advantages of the Unimog forestry tractor, especially in the process of semi-suspended skidding of trunks.



The large sprag provides firm anchorage for the Unimog when winching trunks. The raised fairleads are of great advantage for hauling light timber.



Excellent manoeuvrability on difficult terrain and high ground clearance – well-known features of the Unimog forestry tractor – often allow direct skidding of timber.



The front-mounted stacking unit is a perfect addition to the logging equipment. It speeds up, simplifies and facilitates operation.



In the process of extracting and thinning, very large loads of timber can be carried by means of a log skidder operated by one man.



The Unimog forestry tractor with double drum winch and sprag works very efficiently when hauling timber on steep slopes.

# Heavy timber haulage.

Heavy timber logging requires extremely powerful engines. The Unimog forestry tractor U 900 is ideal for this type of operation. With its 64 kW (84 DIN/hp) and a suitable logging unit, this tractor has no difficulties whatsoever.

Other advantages of the Unimog forestry tractor:

- well-sprung and well-equipped driver's cab
- efficient heating and ventilation system
- comfortable co-driver's seat
- With a maximum road speed of approx. 80 km/h, the Unimog forestry tractor is able to move quickly from site to site over a large area.



On steep slopes, work is done quickly and economically with the electropneumatically controlled double drum winch with its very high cable length capacity.

The two winch drums can be controlled accurately and independently.



In extremely difficult cases, it is advisable to use the Unimog UK 60 with engine developing 44 kW (60 DIN/hp).



Semi-suspended skidding: The powerful double drum winch and the sprag which holds trunks firmly make for a high logging output.

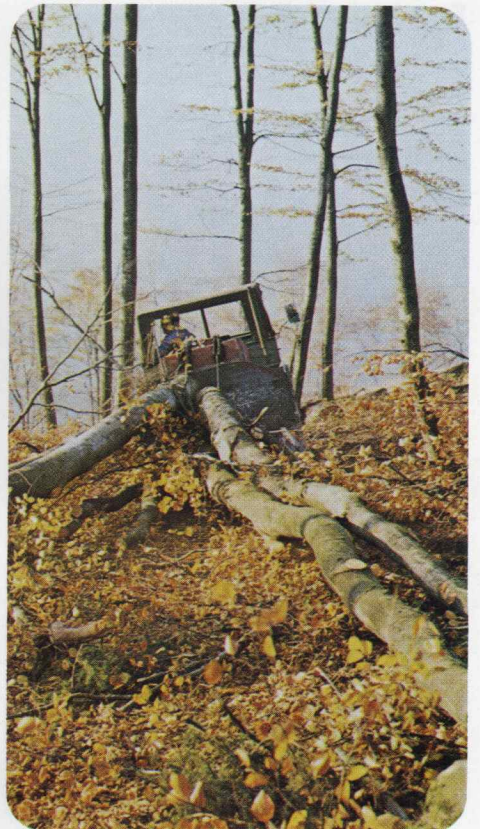
# Light timber harvesting.

Today, light timber haulage can no longer be done by hand because of increasing costs and scarce labour. The Unimog forestry tractor U 600 works far more economically. With special light-timber carrying equipment, these machines are very suitable for this particular purpose.

Very powerful engine developing 38 kW (52 DIN/hp) respectively, all-wheel drive, differential locks on both axles and compact vehicle dimensions make for excellent manoeuvrability in forests and ensure very good output.



The large and sturdy rear protection plate of the U 600 permits the moving of large bundles of light timber.



Single trunks are bundled by means of multiple chokers before being pulled away.



Special light-timber carrying equipment with raised fairleads and large rear plate for U 600.



Logging unit with light-timber carrying equipment for U 800 and U 900.



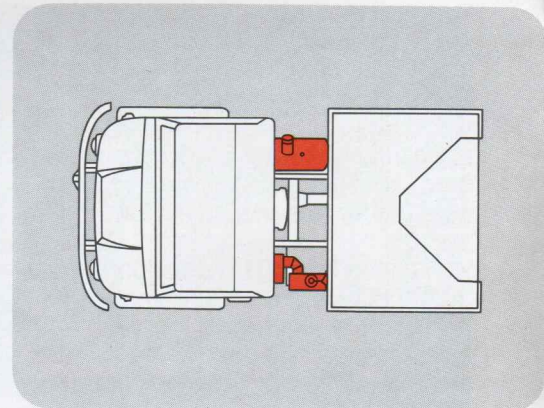
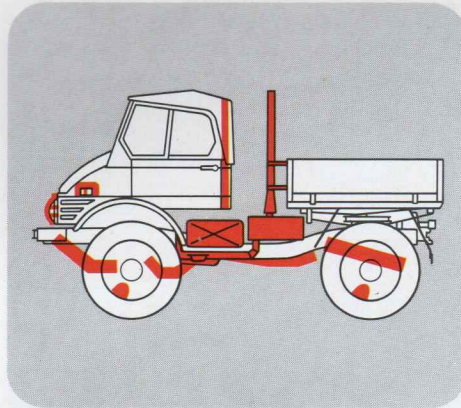
Front-mounted loader with brush clearing fork.

# Technical advantages of the Unimog forestry tractor.

## Standard safety equipment.

Operating in forests is hard work. Specially designed equipment protects the Unimog against damage:

- front protection plate
- protective grilles for headlights and indicators
- valve covers
- reinforced fuel tank and steps
- raised exhaust system and battery box
- three protection plates underneath the body
- The folding-roof version has built-in roll bars as standard.

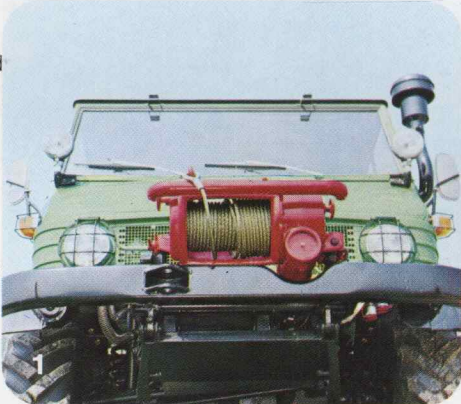


## The logging equipment of the Unimog forestry tractor.

1: Front p.t.o. driven recovery winch; front-mounted stacking unit: lifting force between 20,000 and 27,000 N (2,000 and 2,700 kp).

2: Double drum winch: equal distribution of weight on both axles; maximum length of cable 100 m per drum with a cable diameter of 12 mm; electropneumatic "dead-man" control.

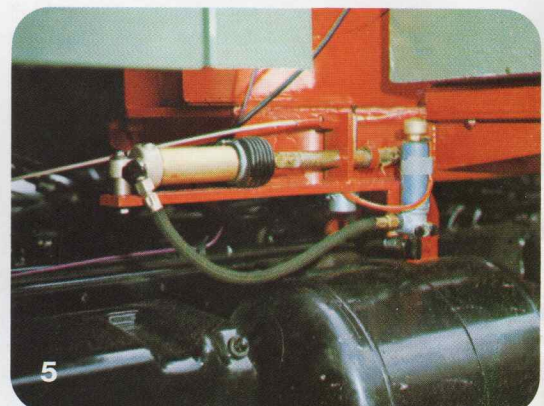
3: Sprag with reinforced protection plate to give the vehicle firm anchorage and to ensure safe lifting of trunks during semi-suspended skidding and stacking. The front and rear mudguards of the Unimog are easily detachable.



4: With remote control, one man can do the job very efficiently.

5: The engine speed (idle adjustment) is also radio-controlled.

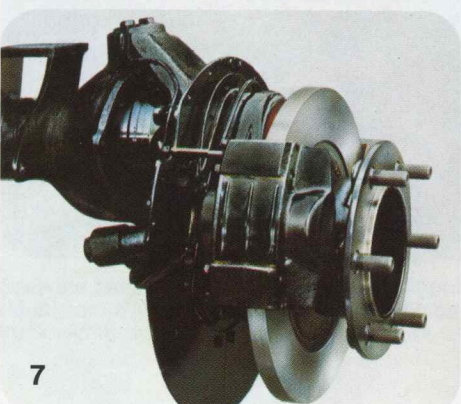
6: The receiver is installed in the cab of the Unimog forestry tractor.



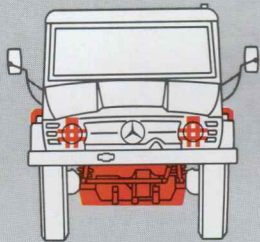
7: Disc brakes make servicing of the Unimog forestry tractor easier.

8: The loading platform is ideal for carrying implements and accessories (chains, cables, power saws, non-skid chains, multiple chokers, spades, axes, etc).

9: The front mounting points of the Unimog forestry tractor can take various implements: snow plough, earth mover, mulching equipment, front-mounted loader, etc.



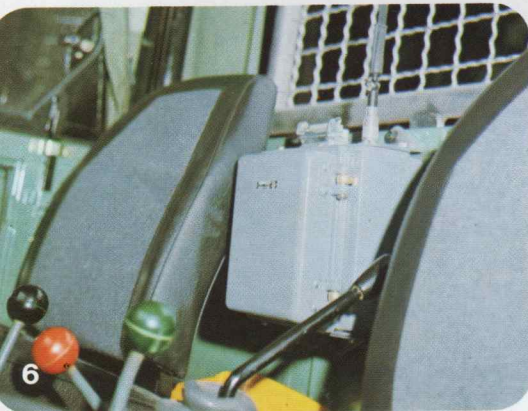
# Other applications.



For efficient timber extraction with a minimum of damage to standing trees, even in those mountainous areas where vehicles cannot operate: Unimog with skyline logging equipment.



Brush clearing fork alternating with the front-mounted stacking unit.



Unimog U 900 with crane for loading short trunks.



Trailing logs with the U 900.



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**Forest maintenance.**

U 900 with rotary cultivator mounted to the three-point linkage or to the sprag of the logging equipment.

A combination suitable for operation on difficult terrain; Unimog with mulching equipment.



**Fertilization and pest control.**

U 900 with forest fertilizer spreader.

Unimog with mounted sprayer for rodent control in areas undersown with acorn seedlings.



**Cultivation.**

Acorn sowing. The acorns are carried on the platform of the Unimog.

Earth drill for hole diameters between 150 and 450 mm.



**Winter service.**

Unimog with side-delivery snow-plough.

Unimog with liquid-fertilizer tank.

