

MULAG

Innovative Technologies for Roadside Maintenance



Verge Mower

MRM 300

Unimog



Mercedes-Benz
Unimog ExpertPartner

In the context of the new partnership model for equipment body manufacturers, MULAG Fahrzeugwerk was one of the first to be honoured by Daimler AG with the **highest partnership level Mercedes-Benz Unimog ExpertPartner**.

In this closer cooperation which is exemplary for the joint development of equipment, drive concepts and interfaces in the best quality, **MULAG has fulfilled the requirements to the highest level in the areas of quality, sales, service and technology**, which Mercedes-Benz Special Trucks sets for body manufacturers in the field of individual body solutions.

MULAG Verge Mower MRM 300

- Comfortable one-man-operation
- Varied fields of application
- Automatic parking system

Road maintenance – simple and flexible

Our front mounted mowing equipment is attached to the quick-change-system of the Unimog and **well suited to one-man-operation**, in particular when used in conjunction with the rear mounted boom system. The mower can be used **for both right-hand and left-hand operation**. The drive is provided either via the vehicle power hydraulic system or via front PTO-shaft.

The verge mower is ideal for near roadside mowing work. Due to its low height, this mowing equipment is suitable for working underneath crash-barriers.

The **control through sensor bar automatically regulates** the cutting shaft speed according to the vehicle speed. An automatic pressure relief system minimises the ground pressure of the mowing head. The special construction of the safety mowing shaft minimizes the danger of ejected material.

Control system m|control

The modular conception of the individual control components provides the operator with maximum flexibility. For each vehicle and product, he has the possibility to choose between different control elements and determine the place where they have to be mounted in the cab, which means optimum solutions for the professional use of the mower.

The CAN-bus system makes the integration of control components easier and more reliable – Through this elaborate bus technology – specially designed for the automotive sector – the user benefits from decisive advantages in operation and service of the mower.

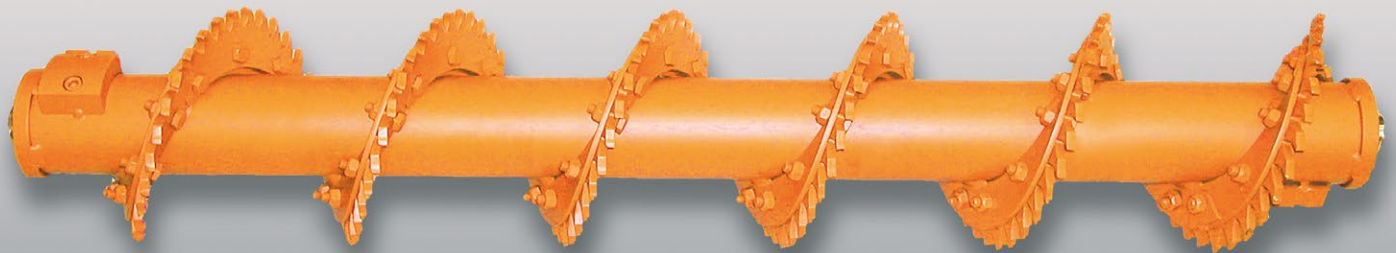


MRM 300 – Cutting Shafts

Our Verge Mower can be equipped with 2 types of cutting shaft:

- the approved safety shaft with its optimised features
- the flail shaft with its unique cutting properties

Both versions are highly convincing.

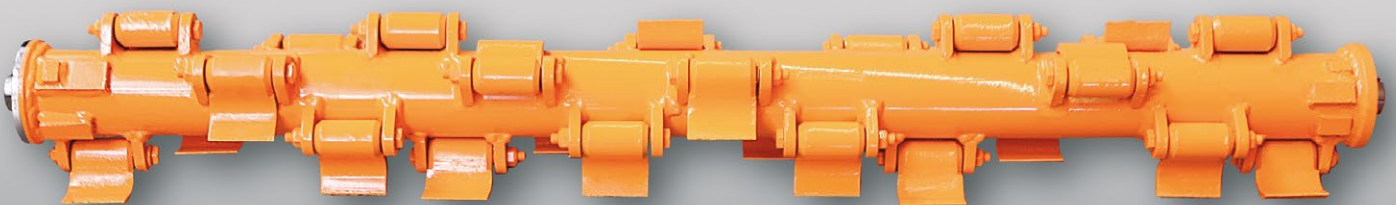


Safety Shaft



Cutting width	1.2 m
Spiral length	200 mm
Number of segments	18 pieces
Speed of rotation	4800 rpm

- The shaft concept reduces projections – increasing safety at work.
- Less segments (18 instead of 24) – reducing wearing costs
- Life span increased through heattreated wearing parts.



Flail Shaft

Cutting width	1.2 m
Number of flails	24 pieces
Speed of rotation	3000 rpm

- Improved security against projections thanks to a cutting concept with stronger flails.
- Great mulching results

MULAG – the answer to all questions in the field of roadside maintenance

The modular concept of MULAG power arms and its wide range of working attachments make their use economical and efficient: All tasks of road maintenance can be handled in a way that is both fast and flexible.

The high quality materials, workmanship and intelligent design reduce equipment down-time and avoid extended repair times.

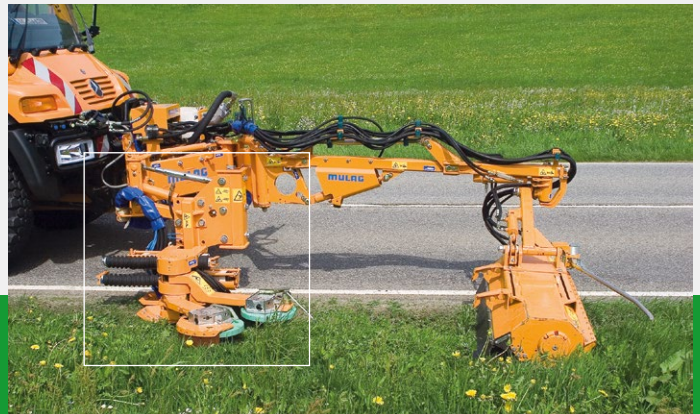
At MULAG we deliver convincing solutions for all roadside maintenance tasks.

Technical Data MRM 300

Suitable to	SBU / U 300 - U 500 / U 218 - U 530
Type of fitting	Front mounting plate, size 3/5
Reach	up to 3 m
Drive	- Vehicle power hydraulic system - Front PTO-shaft
Safety cut-off system	Electric switch on/off within 4 sec.
Control	- electrohydraulic control with mowing head relief system - speed-related automatic obstacle detector - Automatic parking system



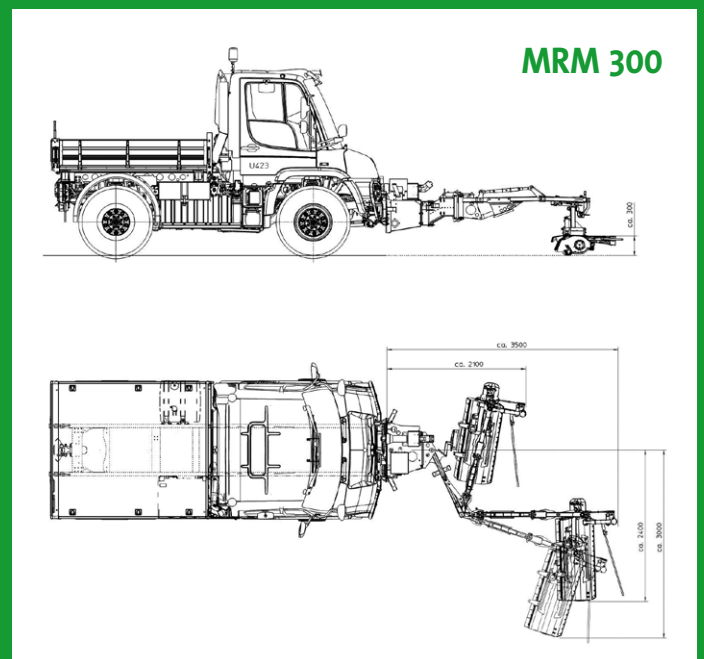
Verge mower MRM 300 in transport position



Easy extensible with a reflexion post mower MLM 200



Optional pressure blowing system for effective road cleaning



Dimensions and range of the MRM 300

Distributor

Manufacturer



MULAG

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