



Suitable for mowing beneath crash barriers



Efficient and reliable mowing of critical areas

MLM 200 – innovative and professional

The MULAG-reflexion post mower can be applied efficiently and economically to critical areas in close-up ranges of crash-barriers, reflexion posts and traffic signs. Thanks to the combination of a MLM 200 / MRM 300 together with a rear mounted MHU 800 power arm a highly professional mowing solution can be obtained, well suited for one-man operation. Roadside verges can be mown in one run without the necessity of manual finishing work.

More efficiency and security with reflexion post mowers

No doubt, regular and continuous care of roadside vegetation is an important factor for the security of all road-users. But what about the safety of those whose daily task is to conduct those maintenance jobs smoothly and thoroughly? Is there any potential for improving their security during work?



Methods of security improvement

Reflexion post mowers were especially designed to operate in close-up ranges of reflexion-posts, crash-barrier supports and traffic sign posts and can reduce the potential risk of roadside accidents for road workers, since manual finishing work on critical areas is no longer necessary. Conveniently and efficiently the remaining grass can be mown from the driver's cab – a real improvement in work safety.

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Innovative Technologies for Roadside Maintenance Equipment



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Increasing roadside work security

MLM 200



Increasing roadside work security – a matter of particular interest to us all

The close-up range of reflexion posts, crash-barrier supports and traffic signs cannot be completely mowed by standard mowing implements mounted onto UNIMOG or community tractors. The remaining fast-growing rest of vegetation is soon obscuring posts and signs and thus represents a serious risk for road traffic. Regular manual mowing rework gets necessary – with all consequences of securing the work area and providing security to all workers involved. The risk of getting hit by passing traffic is extremely high – unfortunately heavy or fatal injuries are often enough the result of this situation.



Are there any solutions for those critical areas of close-up ranges?

The MULAG reflexion post mower MLM 200 is able to provide a solution to this problem. It is especially designed to be applied in close-up ranges of reflexion posts, crash-barrier supports and sign posts. The mowing implement is able to measure automatically the distance to the crash-barrier and the ground contour with sensors in order to adjust the mowing implement. In its position directly behind the front verge mower, the reflexion post mower “embraces” the obstacle with two automatically controlled arms during mowing operation and cuts the remaining grass by means of two mowing discs.

The reflexion post mower can be mounted onto different carrier vehicles. It can be combined with other implements e.g. it can be used in combination with the verge mower MRM 300 mowing the verge as well as the close-up range of all roadside posts in one run. In combination with the rear-mounted power arm MHU 800 a highly professional mowing solution is available, also suitable for one-man operation, finishing additionally the second cut in one run. Even crash-barrier supports with narrow post distance can be mown smoothly by the reflexion post mower.

Increased security for daily work – an advantage for all!

This solution not only affects the efficiency of the jobs being done, i.e. the mowing performance per day, but also takes a positive effect on the security of the road service men. This contributes considerably to the operational safety, facilitated now by technical innovation. As the reflexion post mower MLM 200 is suitable for retrofitting with the verge mower MRM 300, the operational safety can be increased with simultaneous enhancement of the work results. The sophisticated and customer approved implement system, fulfilling all safety regulations certified by regular independent quality tests, is being welcomed by the users: Since the reflexion post mower has been launched there is a great interest in retrofitting or initial purchase. This shows the importance of improving existing product ranges with technical innovations that create a benefit for both operating efficiency and working safety.

Reflexion post mower MLM 200

Technical Data / Unimog

Application	For mowing round crash-barriers, reflexion posts and traffic signs.
Mounting	onto Verge mower type MRM 300 (retrofitting of existing implements is also possible)
Reach	up to 2.5 m
Undercutting	height approx. 180 mm
Drive	- integrated into the hydraulic system of the verge mower - additional hydraulic supply via carrier vehicle is not necessary
Control	- electro-hydraulic - automatic adaptation to ground contour with electronic sensors - distance control to crash barrier



MLM 200 in transport position