



M Vario mulching systems



New!

MU Vario[®]

MU/M Vario

MU/Pro Vario

MÜTHING MULCHER

economical – ecological – adaptable – efficient



Müthing
since 1898 - tradition to build the future



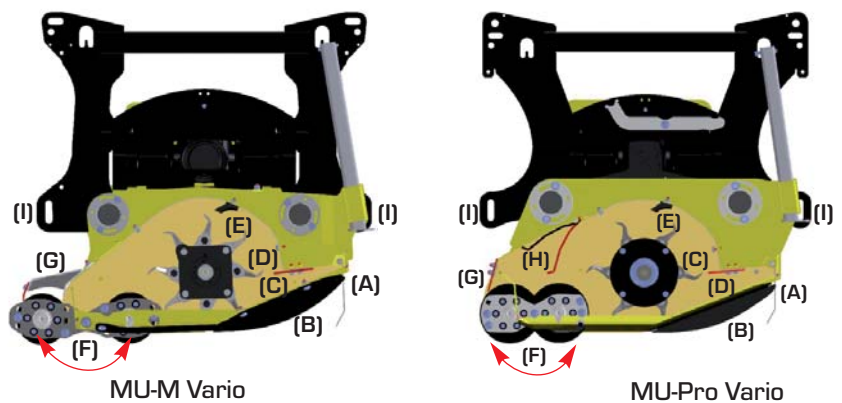
MU Vario[®]

The new generation of mulchers from Mühling for all ranges of application throughout the year. Economical – ecological – adaptable – efficient



- Optimised hood shape with efficient shredding channel for better mulching quality and defibration
- Variable adjustment of the shredding ratio and the suction/feed capacity for different requirements
- Option for easy adjustment of the rear roller for use even in difficult weather and soil conditions
- TÜV-certified thrown object test according to ISO 17101-2 for optimal safety

For mulching that saves time and energy



- A:** Optimised mulcher hood with a larger open front
 - for better material feed
- B:** Extremely narrow replaceable side skirts
 - to avoid heap formation
- C:** Efficient suction and blade clearance
 - for a greater suction effect and better material uptake
- D:** Adjustable cutting bar (optional)
 - for various shredding ratios when meeting different requirements
- E:** Longer shredding channel with "Shark fin" short shredding bar system
 - for optimum shredding and defibration
- F:** Pivoting rear roller that can be adjusted in a one man operation
 - for depositing mulch material either behind or in front of the rear roller
- G:** Scraper beam with adjustable scraper bar (MU-M Vario option)
Adjustable scraper bar (MU-Pro Vario option)
 - to expand the possible applications in difficult weather and soil conditions
- H:** MU-Pro Vario crop flow flap
 - for targeted deposition of mulch material in front of or behind the rear roller
- I:** Slotted holes in the lower and upper link points
 - for better ground contour following





Mulching: A vital component

- for improving the emergence of volunteer oilseed rape and tackling Phoma
- for reducing the number of slugs, snails and field mice
- for effectively maintaining field margins

For the best possible yield and sustainability in grassland and land cultivation



MU/M Vario

Front and rear mounting for tractors
of **90 to 160 HP** and working widths of **220 to 300 cm**



The MU-M Vario is a robust, universally usable professional mulcher for tractors up to 160 HP, made of high-quality QSt/E steel and equipped as standard with hydraulic side shift for front and rear mounting Cat. II. The slotted holes in the lower and upper link attachment points along with the innovative pivoting rear roller enable excellent ground contour following. Replaceable, extremely narrow carbide wear skids and the automatic V-belt tensioner also come as standard features, as does the heavy duty "Starinth" rear roller bearing system. This resistant, durable bearing system meets even the most demanding requirements.

With its huge suction and feed capacity, this robust mulcher is just as reliable when collecting small quantities of mulch material as it is when collecting large amounts. The biomass is shredded and defibrated several times in the long shredding channel. This process is intensified by the "Shark fin" short shredding bar system, producing outstanding work results, whether when processing oilseed rape, maize or cereal residues in both grassland and land cultivation, when cultivating catch crops or when preventing bush encroachment.

The new extremely narrow wear skid ensures blockage free work and prevents heap formation. The adjustable cutting bar (optional) provides further adaptation options for different intended uses and requirements. The innovative pivoting rear roller, which can easily be adjusted in a one man operation, ensures noticeably excellent mulching quality, even in adverse weather conditions or on very uneven surfaces. Additionally, a scraper beam (optional) further increases the operational safety in such conditions.



Mulching: A vital component

- for optimal shredding of maize residues, tackling the European corn borer and Fusarium infection
- for sustainable use of catch crops as nutrient carriers and for erosion protection

for trouble free soil cultivation, sowing and healthy crops in land cultivation

MU/PRO Vario

Front and rear mounting for tractors
of **120 to 220 HP** and working widths of **250 to 320 cm**



The MU-Pro Vario heavy mulchers for front and rear mounting Cat. II + III have all the advantages and features of the MU-M Vario professional range. These include the large volume double spiral rotor with "M" hammer flails and the heavy duty "Starinth" rear roller bearing system that meets even the most demanding requirements. The MU-Pro Vario is designed to meet the requirements of tractors up to 220 HP. The hood, equipped with the innovative pivoting rear roller, is intended for use with large quantities of plant material and crop residues. An adjustable crop flow flap in the compartment ensures the shredded mulch material is optimally deposited behind or in front of the pivoting rear roller. When positioned at the back, the rear roller can also be simultaneously used, together with an optional scraper bar, as a pressure roller for volunteer cereals and volunteer oil seed rape.

This mulcher is characterised by durability and reliability. With its large volume, outstanding crop feed, high suction effect and shredding capacity, the MU-Pro Vario shreds and defibrates any kind of biomass, from vegetation in grasslands and old crops on set-aside land, to all oilseed rape and cereal residues, including maize stubble and maize straw. The new extremely narrow, replaceable wear skid ensures blockage free work and prevents heap formation.

The mulcher is also excellent at shredding very tall catch crops or Miscanthus.

The adjustable cutting bar (optional) further improves the MU-Pro Vario's adaptability and ranges of application in a wide variety of operating and weather conditions. This enables the MU-Pro Vario to be used professionally everywhere throughout the year.

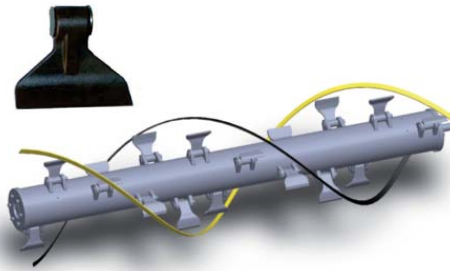


Standard equipment

Closed mulcher hood made of high-quality QSt/E steel with optimised crop flow and shredding channel, pivoting rear roller, narrow spring steel flaps with swing protection, gear box with over run clutch and through drive, automatic V-belt tension, hydraulic side shift and slotted holes in the lower and upper link points.



Lightweight, smooth running double spiral rotor with "M" hammer flails and high cutting frequency for large throughput, equipped with internal bearing and overlapping bearing shells to protect against dirt, wear and tear.



Segmented, bolt on short shredding bar: Patented "Shark fin" system for effective crop flow and improved shredding and defibration.

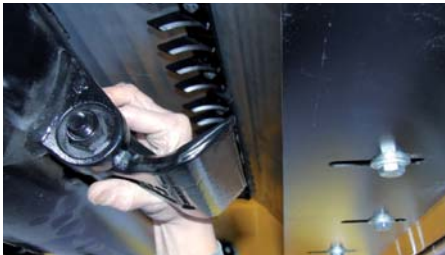


MU-L Vario:

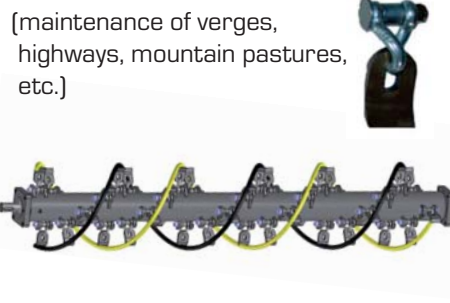
Durable, heavy duty "Starinth" rear roller bearing system, with multilayer sealing and large volume, double tapered roller bearing.

Options

Adjustable cutting bar for setting various shredding ratios according to the lengths of material, defibration and disintegration of different plant species and crop residues.



"M" shackle flail rotor to protect against damage if there is a high prevalence of obstacles or stones.



(maintenance of verges, highways, mountain pastures, etc.)

Scraper beam for MU-M Vario with adjustable scraper blade [scraper blade only required for MU-Pro Vario] for difficult weather and soil conditions.



Bolt on wear plate inside the mulcher body with protection of the front cutting edge.



LED lighting equipment with warning signals for front and rear mounting.



Front shock absorbing spring assembly to improve the steering capability of the tractor for front mounting.



Adjustable hydro pneumatic **MU-SOFA** surface pressure relief for all front mounted implements to improve traction, to ensure the steering capability of the tractor, to optimise ground contour following, to dampen vibrations and protect the front-mounted implements.

Left: Tractor attachment -
Right: Implement attachment
Recommended for front mounting.



Technical specifications

MU-M VARIO	220	250	280	300
Working width (cm)	220	250	280	300
Overall width (cm)	239	269	299	319
Side shift (cm)	56	56	56	56
HP at 1000 rpm (max.)	160	160	160	160
Weight (kg)	905	975	1015	1085
"M" hammer flail (no.)	18	22	24	26

Front and rear mulcher up to 160 HP

MU-PRO VARIO	250	280	300	320
Working width (cm)	250	280	300	320
Overall width (cm)	270	300	320	340
Side shift (cm)	56	56	56	56
HP at 1000 rpm (max.)	220	220	220	220
Weight (kg)	1330	1400	1460	1500
"M" hammer flail (no.)	22	24	26	28

Front and rear mulcher up to 220 HP



Narrow blade clearance:

For short material or for large quantities of material that requires intensive shredding



Medium blade clearance:

Standard setting for effective shredding in normal conditions



Wide blade clearance:

For tall crops or for large quantities of material that does not require very intensive shredding



Rear roller pivoted forwards:

Loosen the bolts on one side, engage the lever, lower the rear roller on one side



Central conversion position:

Loosen the bolts on the other side, engage the lever, lower the rear roller fully



New mounting position with the rear roller at the back:

Engage the lever again on one side, raise the rear roller with the lever; fasten the bolts, and do the same on the other side



MU-Pro Vario crop flow flap

Left = front rear roller position
Right = rearwards roller position



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* further information: Field test by the Landwirtschaftskammer Nordrhein-Westfalen (Chamber of Agriculture for North Rhine-Westphalia) and by the Landesanstalt für Landwirtschaft Freising-Weihenstephan (regional body for agriculture).

Request independent test reports. See: www.landwirtschaftskammer.de/landwirtschaft/technik

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