



M Vario mulching systems

New!

MU Vario[®]

MU/H Vario

MU/L Vario

MÜTHING MULCHERS

economical – ecological – adaptable – efficient



Muthing
since 1898 - tradition to build the future



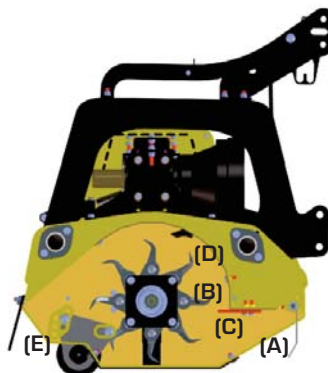
MU Vario[®]

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

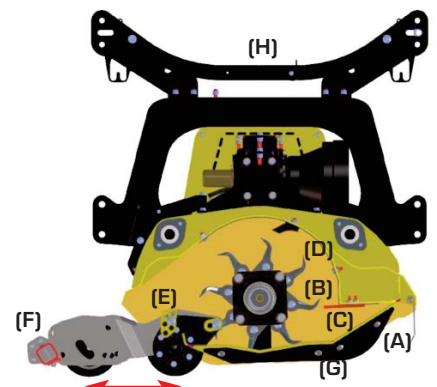


- Optimised hood shape with efficient shredding channel for better mulching quality and defibration
- Variable adjustment of the shredding ratio and the suction/feed capacity for different requirements
- Option for easy adjustment of the rear roller for use even in difficult weather and soil conditions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

For mulching that saves time and energy



MU-H Vario



MU-L Vario



- A: Optimised mulcher hood with a larger open front
 - for better material feed
- B: Efficient suction and blade clearance
 - for a greater suction effect and better material uptake
- C: Adjustable cutting bar (optional)
 - for various shredding ratios when meeting different requirements
- D: Longer shredding channel with "Shark fin" short shredding bar system
 - for optimum shredding and defibration
- E: Rear roller close to the rotor
 - for good ground contour following and loose deposition of mulch material behind the rear roller
- F: MU-L Vario: rear roller that can be moved backwards, equipped with an adjustable scraper bar (optional)
 - to expand the possible applications in difficult weather and soil conditions
- G: MU-L Vario: Extremely narrow side skids
 - to avoid heap formation
- H: MU-H + MU-L Vario: Front and rear linkage (optional)





Mulching: A vital component

- for sustainable meadow, pasture and land maintenance
 - to efficiently reduce incidence of disease and number of pests
 - to maintain field margins, verges and parcland
- for better growth, higher yields and feed quality

MU/H Vario

Front and rear mounting for tractors
of **35 to 90 HP** and working widths of **120 to 220 cm**



The MU-H Vario is a robust, universally usable mulcher for tractors and special carrier vehicles up to a tractor power of 90 HP, made of high-quality QSt/E steel with side shift for front or rear mounting Cat. I + II. In its class, the MU-H Vario, equipped with the double spiral rotor and "M" hammer flails or "M" shackle flails and combined with the "Shark fin" short shredding bar, is the ideal implement for everyday use in a variety of mowing and mulching work in agriculture and the maintenance of green areas. Optional equipment, including hydraulic drive variants, enhances this mulcher's diverse ranges of application.

This model range is the right choice for small to medium sized grassland and mixed farming as well as for landscape maintenance using special utility vehicles. Thanks to the high suction and shredding capacity, the MU-H Vario provides outstanding shredding quality and is an indispensable aid in the maintenance of grasslands and pasture. Combined with the adjustable cutting bar (optional), it also provides additional adjustment options for a wide variety of

operational conditions and requirements. The high top link attachment point and the rear roller which operates close to the rotor ensure optimal implement control and ground contour following. The self cleaning rear roller, supplied without a scraper beam, prevents heap and swath deposits. In this way, the MU-H Vario ensures that grass grows fresh and strong, maintains green areas and effortlessly shreds oilseed rape and cereal stubble in land cultivation.



Mulching: A vital component

- to effectively tackle the European corn borer and Fusarium infection
 - to improve the soil structure and soil fertility
 - for intensive catch crop cultivation and greening
- for sustainable sanitation, trouble free soil cultivation and sowing in land cultivation

MU/L Vario

Front and rear mounting for tractors

of **70 to 130 HP** and working widths of **180 to 280 cm**



The MU-L Vario range for tractors and carrier vehicles up to 130 HP, made of high-quality QSt/E steel, is equipped with the top quality, heavy duty "Starinth" rear roller bearing system that meets even the most demanding requirements. The double spiral rotor with "M" hammer flails or "M" shackle flails combined with the "Shark fin" short shredding bar is suitable for all mulching work, including the shredding of bushes up to 5 to 7 cm thick. A wide variety of optional equipment is available and the combination with rear and side mulchers enables high area coverage with a working width of up to 5.0 m.

The MU-L Vario mulcher also achieves outstanding results when tackling the European corn borer and Fusarium in grain maize straw. Besides the high suction effect and shredding quality, the new narrow shape of the side skid facilitates blockage free work and prevents heap formation. The adjustable cutting

bar (optional) and the rear roller which is moveable in particularly difficult conditions and equipped with a scraper beam (optional) offers additional possible applications and uses. All of these features enable the MU-L Vario to be used universally for all mulching work throughout the year.



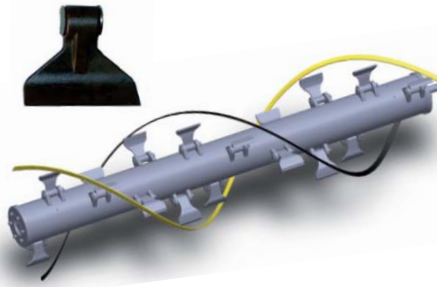


Standard equipment

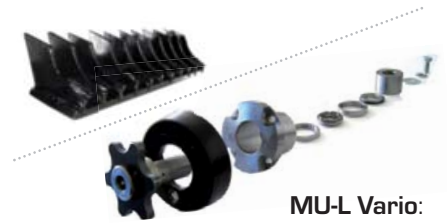
Closed mulcher hood made of QSt/E steel with optimised crop flow and shredding channel, narrow spring steel flaps with swing protection, gear box with over run clutch and through drive and headstock Cat. I + II for Front or Rear mounting



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 an 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

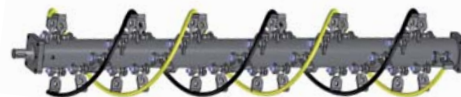
Front/rear headstock Cat. I + II with high top link attachment and several lower link attachment points



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



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



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



Special linkage Cat. I for stable, central attachment on special utility vehicles such as AEBI and Reform.



Scraper beam with adjustable scraper blade and extended holding plates for MU-L Vario.



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



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

Recommended for front mounting.

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



Technical specifications

MU-H VARIO	120	140	150	160	180	200	220
Working width (cm)	120	140	150	160	180	200	220
Overall width (cm)	137	157	167	177	197	217	237
Side shift (cm)	-	40	40	56	56	56	56
HP at 540 rpm (max.)	75	75	75	75	75	75	75
HP at 1000 rpm (max.)	90	90	90	90	90	90	90
Weight (kg)	380	465	480	500	535	555	615
"M" hammer flails (no.)	10	12	12	14	16	16	18
"M" shackle flails (no.)	24	28	30	32	36	40	46

Front and rear mulcher up to 90 HP

MU-L VARIO	180	200	220	250	280
Working width (cm)	180	200	220	250	280
Overall width (cm)	197	217	237	267	297
Side shift (cm)	56	56	56	56	56
HP at 540 rpm (max.)	100	100	100	100	-
HP at 1000 rpm (max.)	130	130	130	130	130
Weight (kg)	640	670	740	790	885
"M" hammer flails (no.)	16	16	18	22	24
"M" shackle flails (no.)	36	40	46	52	58

Front and rear mulcher up to 130 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

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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-Weißenstephan (regional body for agriculture). Request independent test reports. See: www.landwirtschaftskammer.de/landwirtschaft/technik