

MDN

Reliable and robust,
ready for any terrain.

MOWERS

SIDE MOUNTED DISC



marangon

AGRICULTURAL MACHINERY



Agile in the field, reliable on slopes. The side mower that combines lightness, control, and maximum ease of use.

DESIGNED TO OPERATE EASILY ON FLAT AND HILLY TERRAIN THANKS TO ITS LIGHT WEIGHT AND EASY-TO-USE DESIGN.

The transmission is carried out via four SPBX toothed belts and oil-bath gears, making these mowers **suitable even for low-power tractors**. Angular adjustment through the tractor's third point, together with the spring shock absorber, allows **optimal setup on varying terrain**, while safety is ensured by the **backward-release**

system in case of impact. Parallel lift and single-acting cylinder facilitate transport and handling operations. Accessories include a swath-constricting kit and a disc with cone on the right side.

1

LIGHTWEIGHT DESIGN AND EASE OF USE FOR SIMPLE HANDLING AND TRANSPORT

During transport, **the mower bar folds rearward within the tractor profile**, ensuring optimal weight distribution and clear visibility.



SPRING SUSPENSION

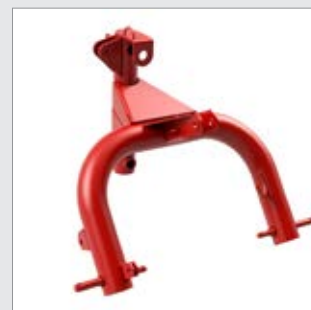
Suspension with spring shock absorber that allows **precise adjustment of the mower's ground pressure, ensuring consistent and professional forage cutting**. Proper weight guarantees high performance and reduces machine wear. A label on the shock absorber indicates the optimal suspension setup, easily adjustable from the operator's seat via the rear lift.

1



LATERAL THREE-POINT HITCH

Lateral attachment of the bar with a wide range of oscillation, available for Category I and II. The ability to swing extensively up and down makes **MDN mowers suitable for work on slopes and uneven, undulating terrain**.



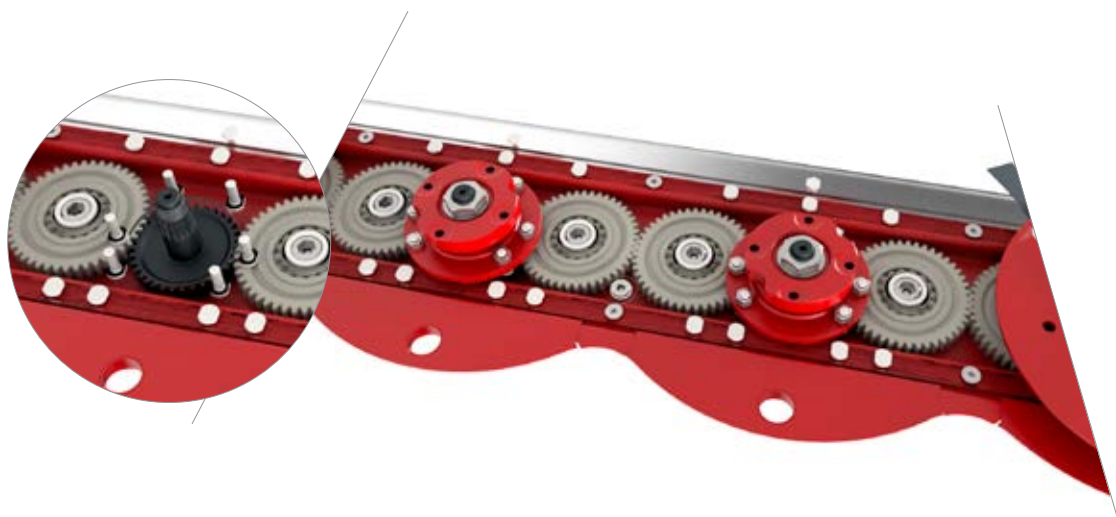
“RAZOR CUT” MOWER UNIT AND CLEAN CUT TECHNOLOGY - MARANGON QUALITY

The high-performance **Razor Cut** mower unit is designed with a compact, wedge-shaped profile to offer a wide cutting height adjustment and ensure optimal penetration even in the toughest forage, consistently delivering a clean and precise cut.

In models with **counter-rotating discs**, the crop is spread evenly and widely, thanks to the discs rotating toward each other in pairs.

ROUND DISC

It reduces the impact surface and better absorbs shocks, protecting the mechanics of the entire mower unit while **ensuring high cutting quality**. The 129 mm knives **guarantee perfect overlap and superior durability**: they do not work for the full rotation of the disc but retract under the adjacent disc once the cut is complete, avoiding unnecessary work and preserving the integrity of the cut crop. The system requires less power and also allows for easy replacement of the discs when worn.



OTHER FEATURES

CLEAN CUT TECHNOLOGY

Stripe-free cutting thanks to the optimal overlap of the knife paths.

MAIN SUPPORT “FIRST AID KIT”

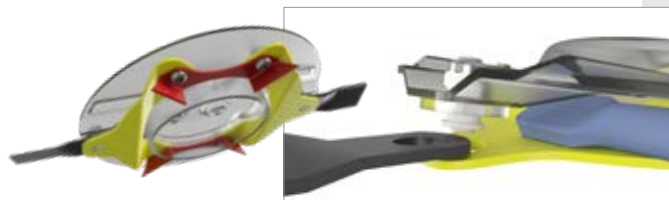
Monobloc support secured with six bolts for quick inspection of the gearbox.

“C”-SHAPED REINFORCED COVER

Robust structure that eliminates flexing of the cutting unit and prevents twisting of moving components.

WEAR-RESISTANT PLATES

Borrón steel slides with rounded reinforcements and lower profiling to prevent material buildup.



OPTIONAL “SAFE CUT” SAFETY SYSTEM

Transmission components are fully protected, with no wear and quick pin replacement. Protects the discs from impacts with foreign objects, reducing costs and downtime.

OPTIONAL QUICK CHANGE OF KNIVES

Quick-change system using a dedicated key, with two wear-resistant scrapers to keep the disc clean. Can also be installed aftermarket.

3

ADAPTABILITY TO ANY TERRAIN

4

LONG-LASTING DURABILITY

PLUS

PROTECTION UNIT

Galvanized to ensure long-lasting durability and prevent corrosion caused by acids in the cut material. The front guard is liftable, facilitating blade replacement and bar cleaning. This reduces bulk and makes the bar easily accessible in every part.



STANDARD SIDE DRUMS

They allow the grass to be guided, forming a swath for better handling of the material.



SWATHER DISC

The outer disc comes as standard, while the inner disc, which provides additional swath reduction, is optional. The swathing disc allows even more precise guidance of the material into a swath.



“NO STOP” SAFETY SYSTEM

Located on the drawbar, it **allows the mower to retract properly in case of impact with obstacles**. Once triggered, the device resets mechanically without the need to detach it from the tractor.



TRANSMISSION

The power transmission is carried out via four SPBX toothed belts. The belt drive allows the mower to operate at both positive and negative angles, enabling it to follow the terrain's slopes, such as banks and embankments.





MOWERS

SIDE MOUNTED DISC

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TECHNICAL DATA

	MDN 165	MDN 210	MDN 245	MDN 285
CUTTING WIDTH IN FT	5.42	6.89	8.04	9.30
NUMBER OF KNIVES	8	10	12	14
NUMBER OF DISCS	4	5	6	7
PTO SPEED RPM	540 dx			
REQUIRED POWER HP/KW	35/25	40/30	45/33	50/37
WEIGHT IN LB	904.89	992.08	1058.22	1124.36
VERTICAL FOLDING	STANDARD			
"NON STOP" SAFETY	STANDARD			

SUMMARY

- ✓ PERFECT FOR FLAT, HILLY, AND SLOPING TERRAIN
- ✓ LIGHTWEIGHT, EASY TO HANDLE
- ✓ OPTIMAL TERRAIN ADAPTABILITY THANKS TO WIDE OSCILLATION
- ✓ CONSISTENT, PROFESSIONAL CUT WITH UNIFORM SWATH
- ✓ GALVANIZED ANTI-CORROSION PROTECTIONS
- ✓ SAFE AND COMPACT TRANSPORT WITH FOLDING WITHIN THE PROFILE

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MARANGON srl - Via Valsugana, 11/B - 35010 - San Giorgio in Bosco (PD) Italy
Tel. +39 049 59.96.046 - info@marangon.it - P.IVA 04264050289

www.marangon.it

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