

MDX

Agile by nature.
Reliable in all conditions.



MOWERS

LATERAL DISC

marangon

AGRICULTURAL MACHINERY



Lightweight where it matters, effective when it counts. The lightweight and maneuverable solution for those working on variable surfaces and hilly terrain.

THE MDX IS A LATERAL DISC MOWER WITHOUT AN INNER SHOE, DESIGNED TO OFFER MAXIMUM EASE OF USE AND REDUCED WEIGHT.

Power is transmitted via four SPBX toothed belts and oil-bath gears, making the machine suitable even for low-power tractors. These mowers represent the new evolution of the lateral models without conditioners in the **Marangon** range.

The angular adjustment via the tractor's third point and the spring shock absorber ensure an optimal setup on variable terrain, while the breakaway system ensures protection in case of impact.

Lacking an inner shoe, the transmission of the cutter bar is handled by an angular gearbox positioned directly behind the inner drum: a solution that prevents clogging during maneuvers at headlands or in wedge-shaped plots.

The parallel lift and single-acting cylinder facilitate the transport and management of the machine. Also included are accessories such as the swath-narrowing kit and a disc with a cone on the right side.

1

ADAPTABILITY TO ANY TERRAIN

The lateral drive of the bar excels due to its low weight, compact construction, and wide vertical oscillation—qualities that allow the MDX to **follow the ground profile precisely and perform even in Alpine areas.**

- **Three-point hitch support**
- **Wide oscillation**, ideal for slopes and irregular surfaces
- **Direct drive via PTO shafts**
- **Full cutting width** guaranteed by repositionable lower pins, allowing lateral offset to adapt to different tractor tracks, even on slopes or in combination with a front mower.

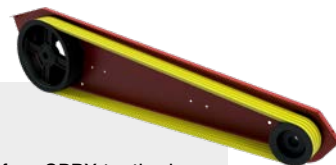


TRANSPORT

For transport, the mower is folded to **102°**. This provides a clear view through the two rearview mirrors. The machine's optimized center of gravity **ensures safe and compact road transport.** With the help of the manual folding of the outer side protection, a reduced transport height is achieved.

TRANSMISSION

Power transmission occurs via four SPBX toothed belts. The belt drive allows the mower to work at both positive and negative angles to **follow ground slopes** (such as banks and embankments).



2

IT IS LIGHTWEIGHT AND EASY TO USE FOR BOTH OPERATION AND TRANSPORT.

3

LONG DURABILITY

PROTECTION GROUP

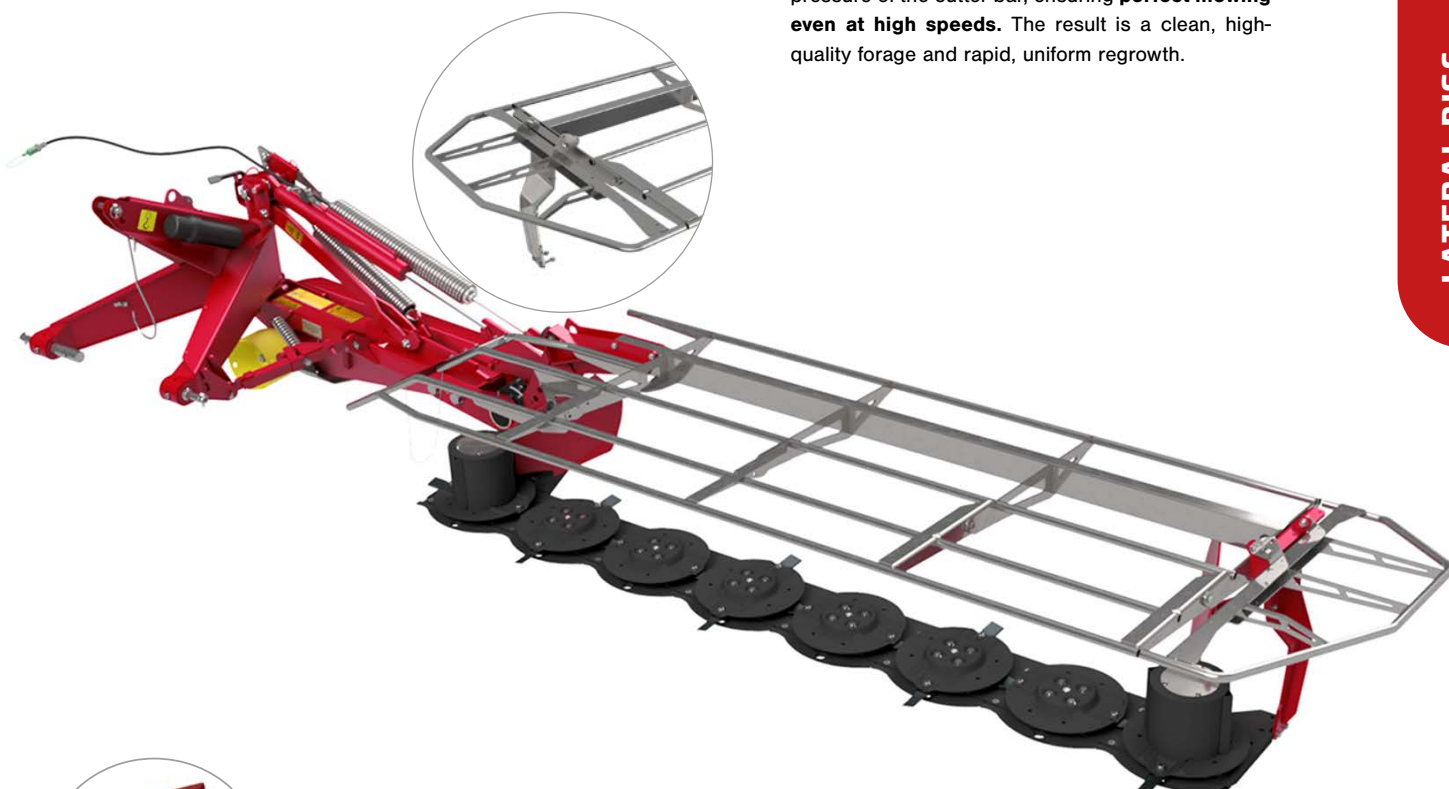
Zinc-plated structure to ensure long life and protection against corrosion from the acids of the mown product. The front protection is foldable, facilitating blade replacement and bar cleaning. This reduces bulk and makes the bar easily accessible in every part.



SPRING SUSPENSION

The spring suspension ensures an **even cut and correct ground pressure**, maintaining excellent responsiveness even on irregular terrain. Tension adjustment is simple and immediate: on MDX 320 and 245 models, it can be performed without tools via repositionable pins.

Increasing the spring tension reduces the ground pressure of the cutter bar, ensuring **perfect mowing even at high speeds**. The result is a clean, high-quality forage and rapid, uniform regrowth.



SWATH DISC

The outer disc is standard, while the inner one, which allows for extra swath reduction, is optional. The swath disc **allows for even more precise windrowing of the product**.



"NO STOP" SAFETY SYSTEM

Positioned in the drawbar, it allows for **adequate retraction** of the mower in case of impact with obstacles. Once triggered, the device is reset mechanically without having to dismount from the tractor.



STANDARD SIDE DRUMS

These allow for the **conveying of grass**, enabling the formation of a swath for better product management.



TECHNICAL DATA

	MDX 245	MDX 320
CUTTING WIDTH IN CM	245	320
NUMBER OF BLADES	12	16
NUMBER OF DISCS	6	8
PTO SPEED (RPM)	540	
REQUIRED POWER (HP/KW)	50/36,77	70/51,48
WEIGHT IN KG	480	620
CUTTER BAR TYPE	MARANGON	

OTHER FEATURES

“RAZOR CUT” MOWING UNIT

MARANGON QUALITY

High-performance mowing unit, designed with a compact and wedge-shaped profile to offer wide cutting height adjustments and the best penetration in the most difficult forage, always ensuring a clean and uniform cut.

- **Counter-rotating discs:** Deposits forage in a scattered and wide manner.
- **Rotation toward the center:** Forms a single swath, ideal on wet or soft ground, preventing the tractor from driving over the product.

CLEAN CUT TECHNOLOGY

Streak-free cutting thanks to the optimal overlap of the blade paths.

“FIRST AID KIT” MAIN SUPPORT

Monoblock support fixed with six bolts for rapid inspection of the gearbox.

“C” REINFORCED COVER

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

ROUND DISC

Round profile to reduce impacts and protect the mechanics. 129 mm blades for perfect overlap, longer life, and lower power consumption. Interchangeable discs.



WEAR PLATES

Wear-resistant boron steel skids with rounded reinforcements and a profiled underside that prevents material buildup.

“TOPPING SKIDS”

Cutting height raising plates for topping operations, ideal for pasture field management.

QUICK BLADE CHANGE

Fast replacement system using a dedicated tool, with two wear-resistant scrapers for cleaning the disc. Can also be installed after purchase after-market.

“SAFE CUT” SAFETY SYSTEM

Protected transmission components, no wear and quick shear pin replacement. Protects the discs from impacts with foreign objects, reducing costs and downtime.

IN SUMMARY

- ✓ PERFECT FOR FLAT, HILLY, AND ALPINE AREAS
- ✓ LIGHTWEIGHT, COMPACT, AND EASY TO MANAGE
- ✓ OPTIMAL GROUND ADAPTABILITY
- ✓ CLEAN AND UNIFORM CUT OVER TIME
- ✓ CONSTANT CUTTING PRESSURE
- ✓ SAFE AND COMPACT TRANSPORT WITH 102° FOLDING

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