

Swing

Born to follow the ground.
Designed to enhance the harvest.

MOWERS

TRAILED DISC



marangon

AGRICULTURAL MACHINERY



Follows the ground, enhances the harvest. The trailed mower that combines smooth maneuverability, uniform cutting, and forage care.

TRAILED MOWER WITH SELF-LEVELING SUSPENSION AND PIVOTING TRANSMISSION FOR PRECISE AND CONTINUOUS CUTTING.

The **Swing model** ensures continuous maneuverability thanks to the primary drive with pivoting multiplier and standard large-angle PTO. The self-leveling parallelogram suspension ensures an even cut, **improving harvest**

quality even on uneven terrain. Available working widths range from 2.45 m to 3.20 m.

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FACILITATES MANEUVERABILITY WITH PIVOTING PRIMARY REDUCER

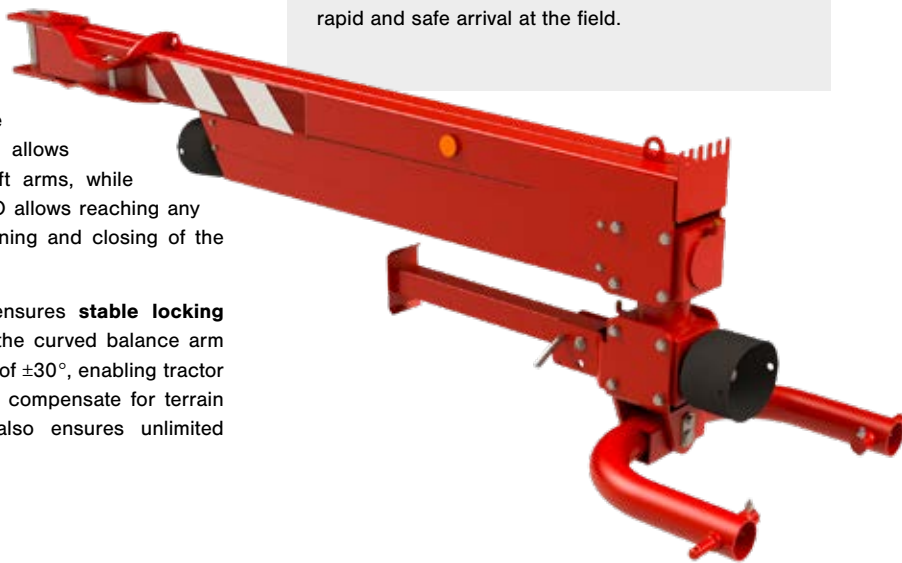
MANAGEABLE

Thanks to the side drawbar and swing gearbox, **the mower can work even at an angle.** The two-point attachment frame allows connection to the tractor lift arms, while the standard large-angle PTO allows reaching any angle through hydraulic opening and closing of the cutting group frame.

The integrated lock valve ensures **stable locking in the final position**, while the curved balance arm allows pendulum oscillations of $\pm 30^\circ$, enabling tractor and mower to independently compensate for terrain irregularities. The system also ensures unlimited steering angle.

COMPACT

During transport, **the Swing is positioned centrally behind the tractor.** Less than 3.00 m on the road, wide ground clearance, and approved speed ensure rapid and safe arrival at the field.



PULL-TYPE ATTACHMENT AND THREE-DIMENSIONAL OSCILLATION

The **PULL-type** attachment ensures exceptional freedom of movement, making **Swing mowers perfectly suitable for uneven terrain**, both on plains and hills. The active supporting frame and oscillating arms guide the cutter bar over all irregularities: it rises over bumps and lowers when the terrain falls, performing an almost vertical movement that minimizes PTO slippage and dynamic loads.

Spherical joints integrated into the arms also allow **wide lateral oscillation of $\pm 16^\circ$** , ensuring **three-dimensional ground adaptation and consistent cutting quality even on the most irregular paths.**



“RAZOR CUT” CUTTING GROUP AND CLEAN CUT TECHNOLOGY, MARANGON QUALITY

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

In models with **counter-rotating discs**, the product is deposited in a broad and scattered pattern, thanks to the discs rotating in pairs towards each other.

In models with **inward-rotating discs**, the machine forms a single windrow: a particularly advantageous configuration on wet or soft ground, as the product is not compacted by the tractor and can be collected without losses.

ROUND DISC

Reduces impact surface and better disperses shocks, preserving the mechanics of the entire cutting group and **ensuring high cutting quality**.

The 129 mm knives **guarantee perfect overlap and longer durability**: they do not work for the entire disc rotation but are protected under the adjacent disc after completing the cut, avoiding unnecessary work and keeping the cut product intact. The system requires less power and also allows disc replacement once worn.



OTHER FEATURES

CLEAN CUT TECHNOLOGY

Stripe-free cutting thanks to optimal overlapping of blade trajectories.

MAIN SUPPORT “FIRST AID KIT”

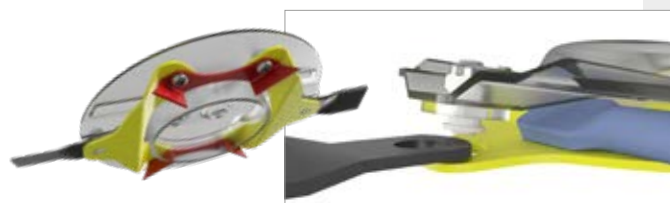
Monoblock support fixed with six screws for quick gearbox inspection.

“C” REINFORCED COVER

Robust structure that eliminates cutting group flex and prevents torsion of moving components.

WEAR-RESISTANT PLATES

Borated steel slides with rounded reinforcements and lower profiling to prevent material accumulation.

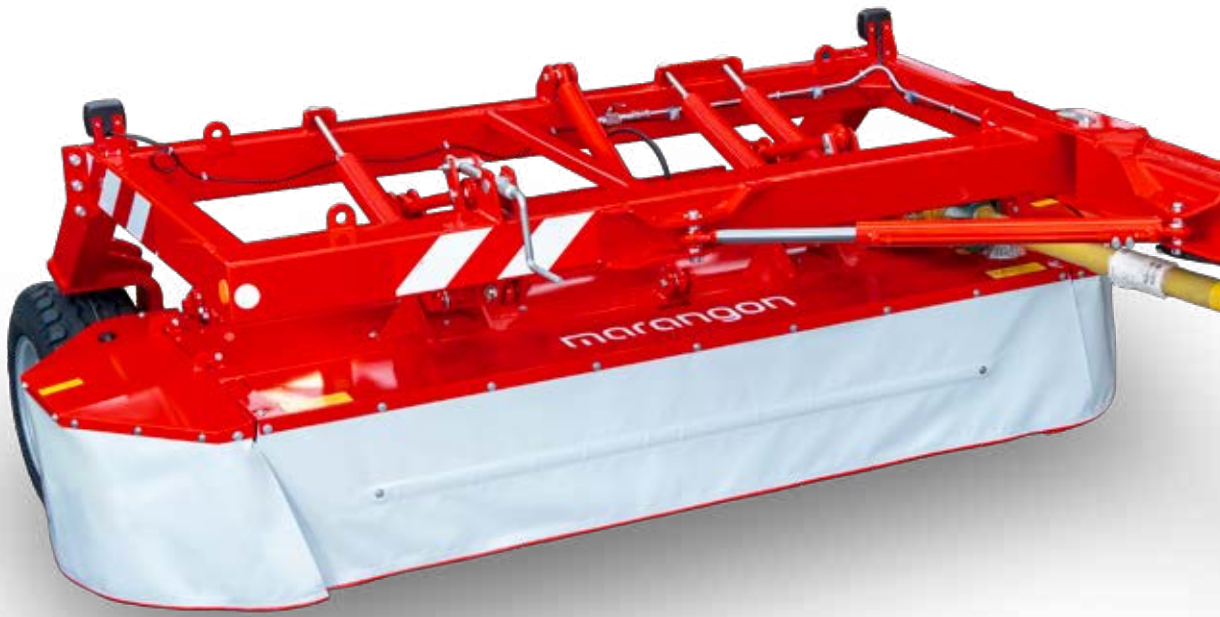


OPTIONAL SAFE CUTTING SYSTEM

Protected transmission components, no wear, and fast replacement of pins. Protects discs from impacts with foreign objects, reducing costs and downtime.

OPTIONAL QUICK KNIFE CHANGE

Fast replacement system via dedicated wrench, with two wear-resistant scrapers for disc cleaning. Also installable aftermarket.



EASY AND QUICK

A crank allows **easy adjustment of cutting height**. A dial informs the operator of the set height.

DIRECT TRANSMISSION

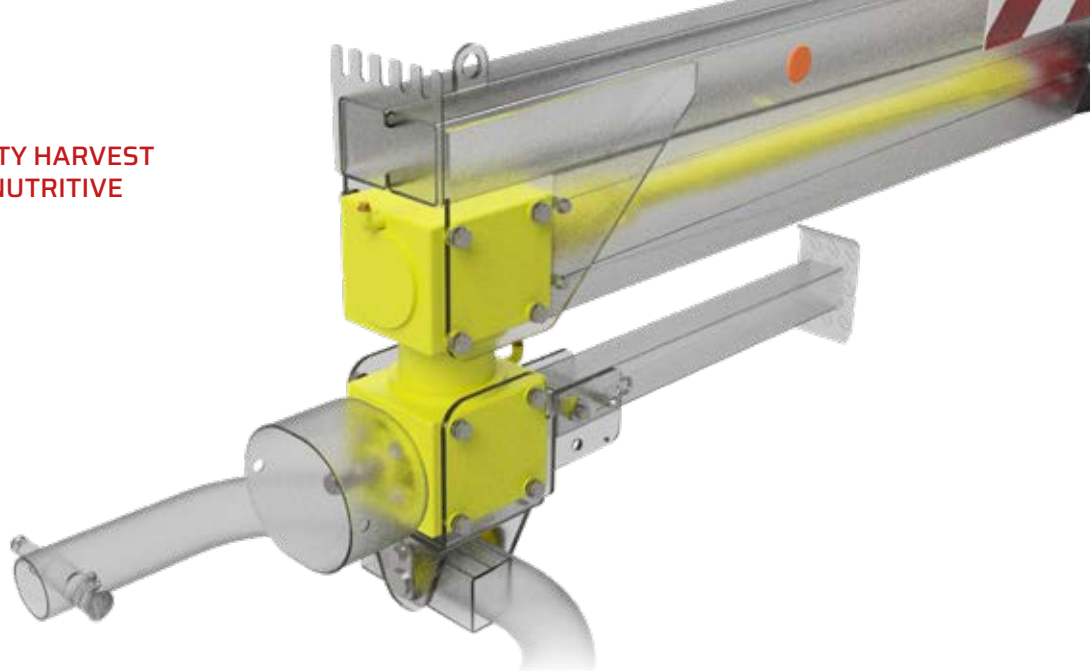
Our mowers stand out for their very smooth operation. In **Swing** models, dynamic drive occurs directly from the first cutting disc. A double universal joint ensures a torsion-free connection between the bevel gearbox and the cutter bar. A freewheel is integrated into the drive of all mowers.



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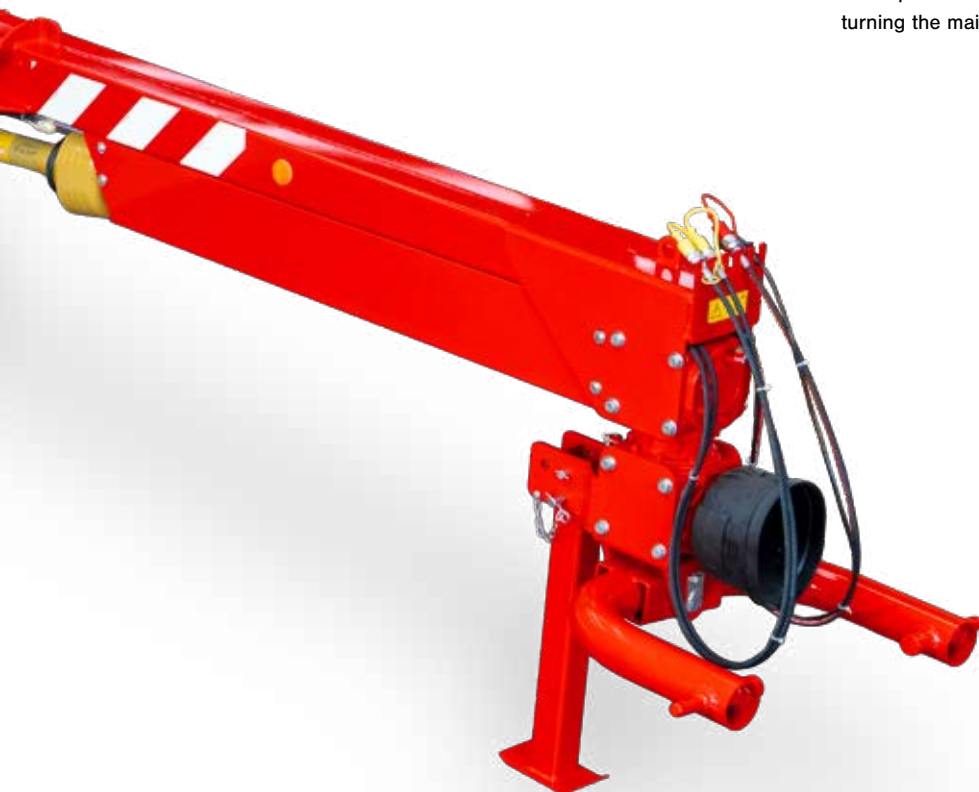
PLUS

PROMOTES QUALITY HARVEST
AND PRESERVES NUTRITIVE
VALUE



SUITABLE FOR ANY TRACTOR

PTO speed can be changed simply by
turning the main gearbox.



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4

SIMPLIFIES PRECISION
GUIDING WITH SELF-LEVELING
SUSPENSION

The spring suspension of the bar ensures constant ground pressure across the working width, more precise field edge guidance, and protection of the turf. **Swing** mowers are guided at the center of gravity and laterally by handles: this configuration allows precise **adaptation to ground contour, preserving the turf and ensuring high-quality forage even in demanding working conditions.**





The Marangon conditioner line: efficiency, gentleness, and total control of the product.

THREE CONDITIONING SYSTEMS TO ADAPT TO ANY FORAGE: ROLLERS, NYLON FLAILS, STEEL FLAILS.

Marangon conditioners are designed to optimize drying times and preserve forage quality, adapting to different crop types and user operational needs.

Each model – with rollers, nylon flails, or steel flails – ensures even conditioning, a regular flow of the product, and precise management of working intensity.

Efficient transmission, intuitive adjustments, and robust construction ensure consistent performance even in demanding conditions, improving yield, uniformity, and final crop quality.

RCG

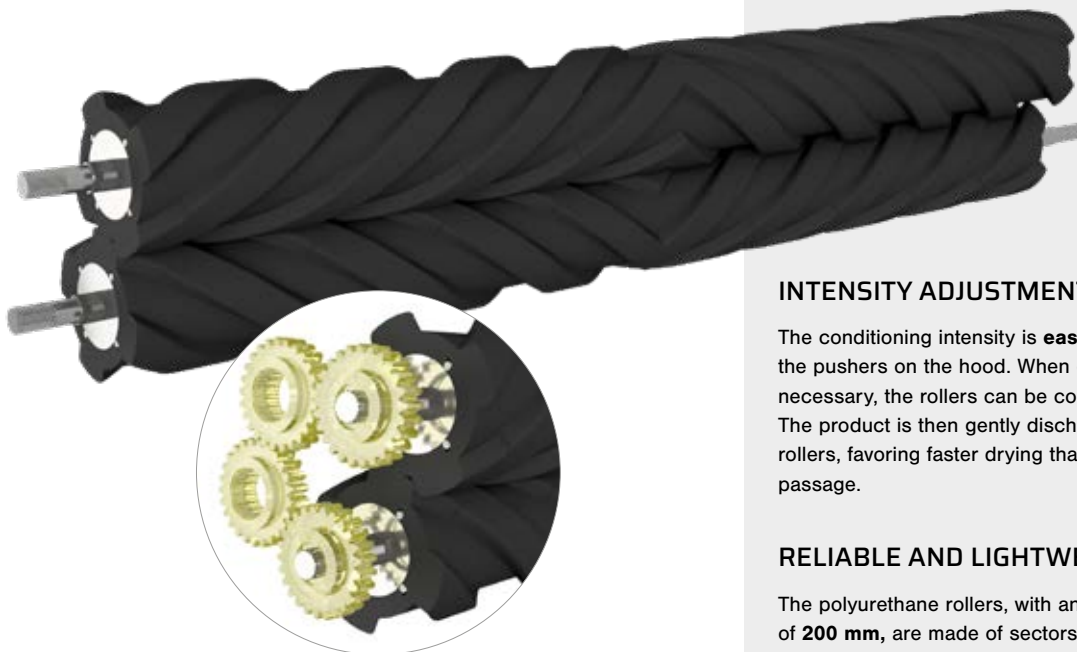
ROLLER CONDITIONER

Thanks to its gentle conditioning, the roller conditioner is **particularly suitable for use with leaf-rich forage, such as alfalfa and clover**. The angular grooved profile with spiral shape produces a strong bending and crushing effect and ensures perfect collection of the forage from the cutter bar.

GENTLE, EFFECTIVE, AND UNIFORM

The interlocking profile rollers crush the forage stems evenly, creating a soft and light windrow. The distance between the rollers is easily adjustable thanks to the upper roller with variable height and the pressure adjustable via crank on both sides; in case of foreign objects, they can deflect up to 120 mm.

The flow generated by the discs distributes the product across the entire width of the rollers, ensuring uniform conditioning. Guide plates and adjustable windrow formers allow both wide spreading and uniform windrow formation.



INTENSITY ADJUSTMENT

The conditioning intensity is **easily adjustable** via the pushers on the hood. When conditioning is not necessary, the rollers can be completely spaced apart. The product is then gently discharged by the drive rollers, favoring faster drying thanks to improved air passage.

RELIABLE AND LIGHTWEIGHT

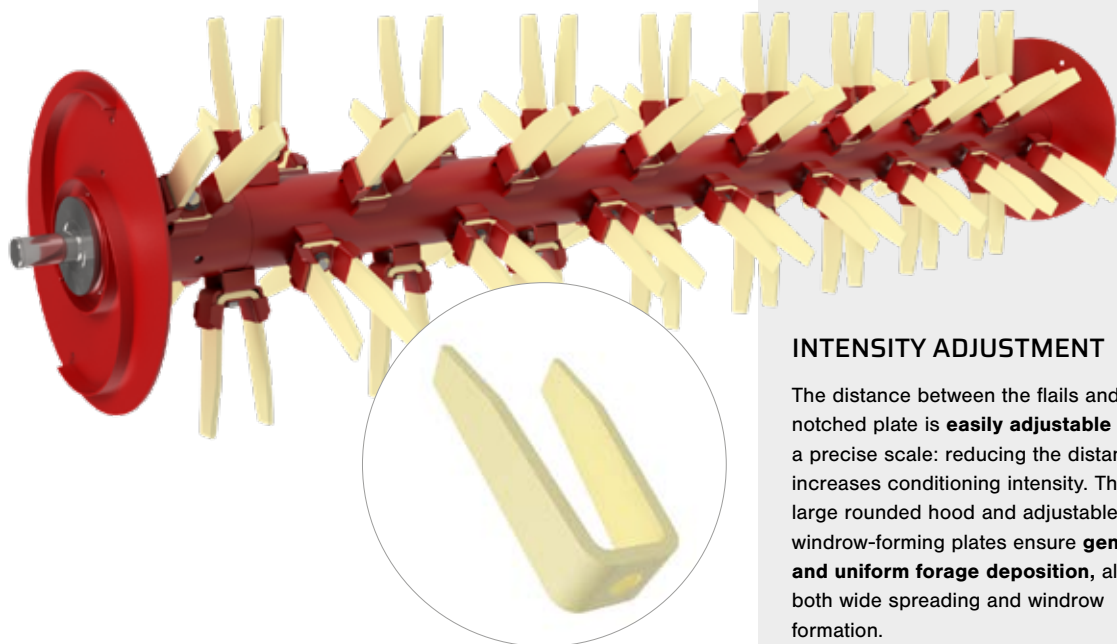
The polyurethane rollers, with an external diameter of **200 mm**, are made of sectors mounted on robust central tubes: they resist abrasion and can be individually replaced in case of wear. Power is transmitted to the lower roller via **trapezoidal belts**, while both rollers are synchronized by a **gearbox designed to work even in demanding conditions**. Centralized lubrication simplifies maintenance operations.



RCF

NYLON FLAIL CONDITIONER RCF

V-SHAPED TEETH IN POLYURETHANE



FAST AND UNIFORM DRYING

The flails bend the forage stems, ensuring a continuous and regular flow, ideal for accelerating drying times.

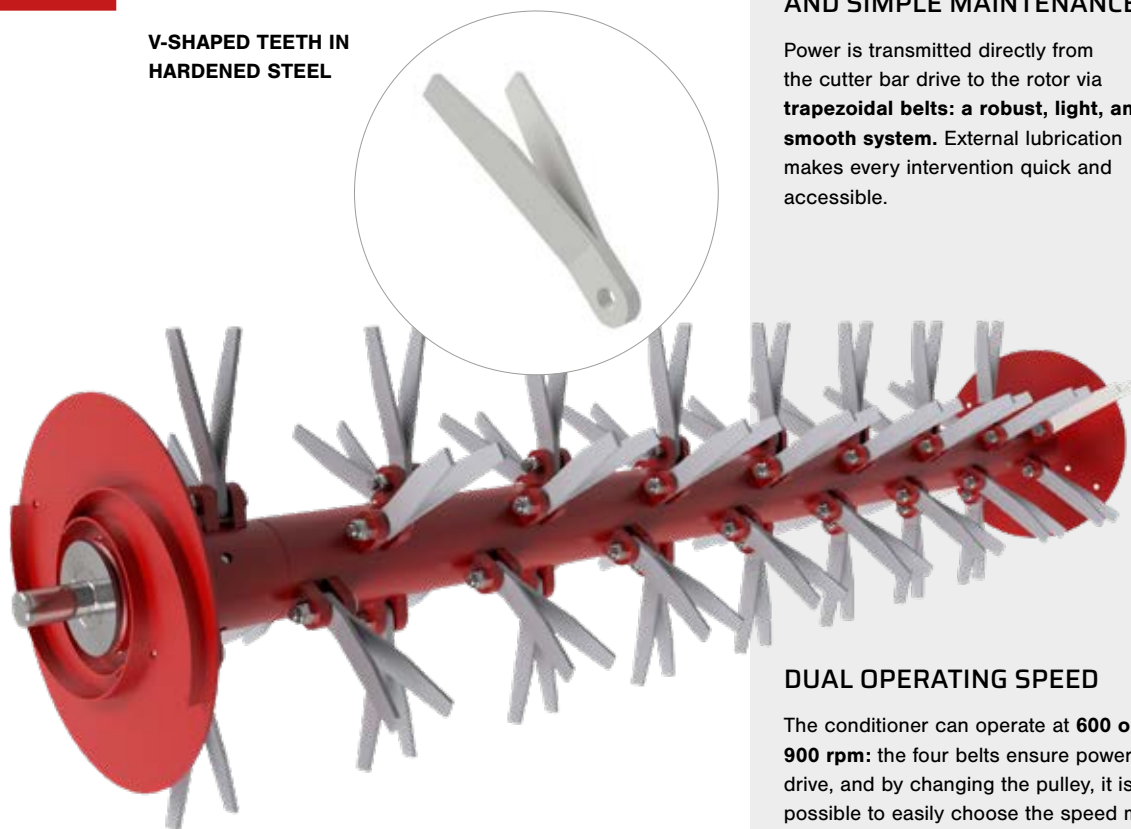
INTENSITY ADJUSTMENT

The distance between the flails and the notched plate is **easily adjustable** via a precise scale: reducing the distance increases conditioning intensity. The large rounded hood and adjustable windrow-forming plates ensure **gentle and uniform forage deposition**, allowing both wide spreading and windrow formation.

RCFS

STEEL FLAIL CONDITIONER RCFS

V-SHAPED TEETH IN
HARDENED STEEL



EFFICIENT TRANSMISSION AND SIMPLE MAINTENANCE

Power is transmitted directly from the cutter bar drive to the rotor via **trapezoidal belts: a robust, light, and smooth system**. External lubrication makes every intervention quick and accessible.

DUAL OPERATING SPEED

The conditioner can operate at **600 or 900 rpm**: the four belts ensure powerful drive, and by changing the pulley, it is possible to easily choose the speed most suitable for forage conditions.

MOWERS

TRAILED DISC



Swing

TECHNICAL DATA

	SWING 245	SWING 285	SWING 320
CUTTING WIDTH CM	245	285	320
NUMBER OF KNIVES	12	14	16
NUMBER OF DISCS	6	7	8
PTO SPEED G/'	540/1000 by turning the machine's main gearbox		
CONDITIONER	rubber rollers or nylon/steel flails		
REQUIRED POWER RCG (ROLLER COND.) HP/KW	40/60	40/70	70/80
REQUIRED POWER RCF (NYLON FLAIL COND.) HP/KW	40/60	40/70	70/80
REQUIRED POWER RCS (STEEL FLAIL COND.) HP/KW	40/60	40/70	70/80
WEIGHT RCG (ROLLER COND.) KG	1640	1820	1910
WEIGHT RCF (NYLON FLAIL COND.) KG	1580	1740	1810
WEIGHT RCS (STEEL FLAIL COND.) KG	1640	1820	1910
WHEELS 10,0/75-15,3	standard		
WHEELS 13,0/55-16	optional on request		

IN SUMMARY

- ✓ UNIFORM CUTTING AND HIGH-QUALITY FORAGE THANKS TO SELF-LEVELING SUSPENSION
- ✓ SMOOTH MANEUVERABILITY
- ✓ GROUND ADAPTATION WITH LATERAL OSCILLATION $\pm 16^\circ$
- ✓ EASY TO ADJUST: IMMEDIATE AND INTUITIVE CUTTING HEIGHT
- ✓ COMPACT AND STABLE ON THE ROAD
- ✓ MAXIMUM FREEDOM OF MOVEMENT WITH PULL ATTACHMENT AND WIDE VERTICAL TRAVEL

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AGRICULTURAL MACHINERY

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