

P400

Stable, precise,
in any condition.

MOWERS

SIDE DISC



marangon

AGRICULTURAL MACHINERY



Clean cut. Total adaptability. The pendulum-style side mower designed for efficiency and robustness.

PENDULUM SYSTEM WITH “NO STOP” SAFETY, ADVANCED-SPACING
CUTTING UNIT AND OIL-BATH TRANSMISSION.

Pendolare mowers are named after the special attachment of the mower body to the **suspension system**, which ensures excellent lightness performance and optimal terrain adaptability in any condition.

The primary transmission is a multiplier in an oil bath located under the drawbar attachment. The double-spring shock

absorber allows optimal adjustment of ground pressure, enabling the mower to precisely follow the terrain profile and deliver a consistently clean cut.

The advanced-wheel cutting unit completes the machine, improving efficiency and operational quality.

1

HIGH EFFICIENCY AND ROBUSTNESS WITH PENDULUM SYSTEM AND “NO STOP” SAFETY

The mower bar is connected to the arm tip via a pivot, allowing wide oscillation and exemplary terrain adaptation. A standard impact protection system is included.

SAFE TRANSPORT

On the P400 model, the hydraulic backward rotation also guarantees a compact and low transport position, ensuring perfect visibility from the mirrors.

WIDE OSCILLATION RANGE

Up to 29° upwards and 20° downwards. No obstacles—ideal for slopes, field edges, and along ditches. A **50 cm** ground clearance at the field end ensures swath passage without damage and increases maneuverability around obstacles, such as fence posts.



2

HIGH PRODUCTIVITY

3

ROBUSTNESS WITH MARANGON ADVANCED-SPACING CUTTING UNIT

The direct-cut unit uses **Marangon's** proven advanced-spacing technology, derived from direct-cut experience, ensuring a solid cutting group structure



ROUND DISC

Reduces impacts and better disperses shocks, protecting the mechanics and ensuring **high-quality cutting**. **129 mm** knives provide perfect overlap, longer life, reduced power consumption, and discs are interchangeable when worn.



4

EXCELLENT LIGHTNESS, ROBUSTNESS AND TERRAIN ADAPTABILITY

The mower bar is connected to the arm tip via a pivot, ensuring **wide oscillation and exemplary terrain adaptation**. Standard impact protection is included.

ROBUST OIL-BATH TRANSMISSION AND PENDULUM CENTROID ATTACHMENT

The primary oil-bath transmission ensures reliability and continuous operation. The pendulum centroid attachment maintains constant ground pressure across the working width, resulting in a **uniform cut, minimal effort, and precise lateral guidance in any condition**.



SUSPENSION

Centrally adjustable spring suspension ensures an even cut with optimal ground pressure.
Ground pressure adjustment without tools.



IMPACT PROTECTION

Standard impact protection works mechanically via a spring and ratchet integrated into the bar suspension. In case of sudden obstacles, **the mower retracts up to 1.2 m and lifts up to 40 cm**, easily passing fences, posts, or irregular terrain. After the impact, the machine automatically returns to working position, ensuring safety and operational continuity along field edges.



P400

TECHNICAL DATA

	P400
CUTTING WIDTH FT	13.12
NUMBER OF KNIVES	20
NUMBER OF DISCS	10
PTO SPEED G/'	1000
REQUIRED POWER HP/KW	100
WEIGHT (LB)	2557
CUTTING UNIT TYPE	MARANGON ADVANCED-WHEEL

OTHER FEATURES

ADVANCED-WHEEL CUTTING UNIT

MADE BY MARANGON

The high-performance Marangon cutting unit uses advanced-spacing gears that reduce traction power required and stress on transmission components. High-profile gears ensure uniform and efficient power transfer to each disc.

CLEAN CUT TECHNOLOGY

Stripe-free cutting thanks to optimal overlap of knife trajectories.

MAIN SUPPORT "FIRST AID KIT"

Single-block support fixed with six screws allows fast and easy inspection of the gearbox.

ROUND DISC

Round profile reduces impacts and preserves mechanics. 129 mm knives provide perfect overlap, longer life, and reduced power consumption. Discs are interchangeable.

WEAR-RESISTANT SLIDES

Boron steel wear-resistant slides with rounded reinforcements and lower profiling to prevent material accumulation.

QUICK KNIFE CHANGE

Fast knife replacement using a dedicated key, with two wear-resistant scrapers for disc cleaning. Can be installed aftermarket.

"SAFE CUT" SAFETY SYSTEM

Transmission components protected, no wear, quick pin replacement. Protects cutting discs from foreign object impacts, reducing costs and downtime.



SUMMARY

- ✓ CLEAN CUT AND "NO STOP" SAFETY
- ✓ PERFECT ADAPTABILITY TO ANY TERRAIN
- ✓ WIDE OSCILLATION FOR SLOPES, FIELD EDGES AND DITCHES
- ✓ MARANGON ADVANCED-SPACING CUTTING UNIT
- ✓ COMPACT TRANSPORT AND CLEAR REAR VISIBILITY
- ✓ OPERATIONAL ROBUSTNESS AND MINIMAL MAINTENANCE

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