



MOWERS AND MOWER-CONDITIONERS



POLARIS



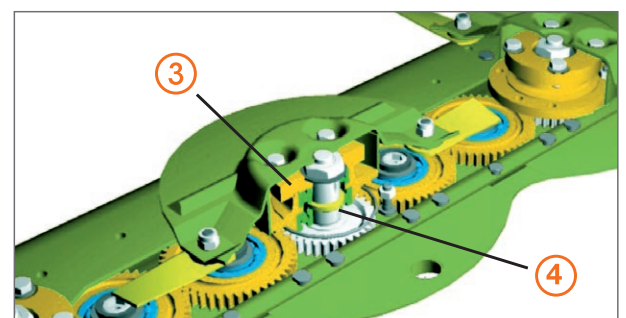
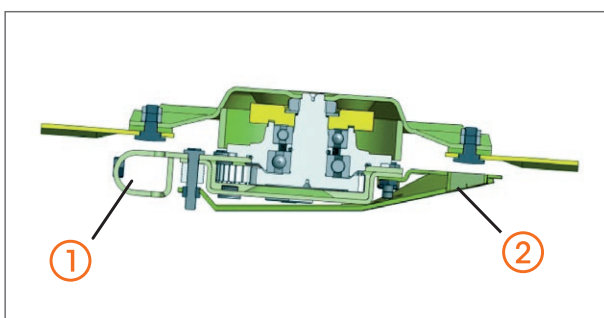


1 Very thick cover (5 mm) with integral reinforcement. This cancels out flexing of the cutting group so as to avoid twisting of the moving parts.

2 Integrated wear protection made of treated steel and with access hole for blade replacement.

3 Main support: mounted in a single block on the cover with 6 bolts that allows separate and simple examination of the gearbox.

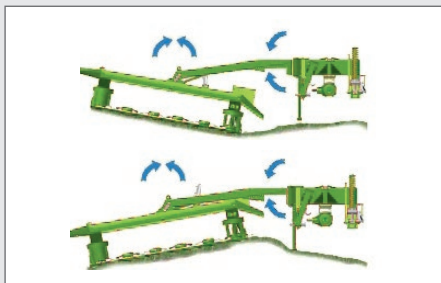
4 Bearings with large pitch (30mm) cancel the shear strains on the pinion shaft.



MOWER AND MOWER-CONDITIONER SWING MOUNTED

POLARIS

245 - 285 - 320



**THE MOWING UNIT MOUNTED ON A SWINGING
CENTRAL SUSPENSION ENSURES:**

- *Regular mowing*
- *High working speed*
- *Easily overcomes obstacles*
- *Minimum blade wear*



The POLARIS machines all have a “Non-stop” safety release with which it is possible to continue to cut without having to stop the tractor unit and without reversing after finding an obstacle. The re-coupling is automatic, without operator intervention or hydraulic means, increasing machine lifespan.

The dual-spring suspension cushions the contact of the mowing unit with the ground preventing the forage becoming soiled and the grassy layer being damaged.

The mower is available with a hydraulic arm for positioning it vertically.



FAST AND GOOD CONDITIONING



Rubber rollers for delicate conditioning

The rubber roller conditioner is designed for working on leguminous forage (alfalfa, clover, etc.). These products require delicate treatment in order to not damage the leaves that contain most of the nutritive value. The conditioning intensity is rapidly regulated by the opening of the spring-mounted rollers.

These open up in the event of the entry of a foreign body.

The motor transmission is split between both rollers through a gear that ensures they are synchronised.



With flails for fast conditioning

The flailed conditioner is equipped with a tined rotor that is very resistant to flexing and blows. The V-shape and the sequential helical arrangement of the teeth ensure regular and effective conditioning on all cutting faces. The result is a soft and well-aerated windrow. The intensity of conditioning is rapidly adjustable by a multi-position lever that controls the approach of a striated plate.

The conditioner is activated by four trapezoidal belts with automatic tightening.

Two versions are available:

With nylon tines for machine weight reduction.

With iron tines for longer life.

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Features	245 F	285 F	320 F	245 R	285 R	320 R
Width of cut cm.	242	284	318	242	284	318
Weight Kg	900	980	1060	980	1090	1160
Number of discs	6	7	8	6	7	8
Number of blades	6+6	7+7	8+8	6+6	7+7	8+8
PTO speed rev/min	540/1000	540/1000	540/1000	540/1000	540/1000	540/1000
Power required HP/Kw	70/53	80/60	90/65	75/56	85/64	95/71
Conditioner	Flails	Flails	Flails	Rollers	Rollers	Rollers

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