

The FOLDBAR 6.16 model is available in sizes: 6.10 m

FOLDBAR DIRECT CUTTING HEADER 6.16	FOLDBAR 6.16
Cutting width in cm	610
Number of knives	32
Number of discs	16
Required power cv/Kw	150
Weight in Kg	3900
Cutter bar model	MARANGON ADVANCED WHEELBASE GEARS SYSTEM
Available for forage harvester	New Holland FR - Claas serie 900 - John Deere Series 8000/9000

DIRECT CUT HEADER FOLDBAR 6.16



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DIRECT CUT HEADER FOLDBAR 6.16

Folding direct cut header with high cutting performance with standard cutting width of six meters for self-propelled foragers

- MARANGON advanced wheelbase cutting group
- 6 meters cutting bar equipped with 16 round disks for an optimal product flow
- Folding frame for the advantage of speed in travel
- Excellent visibility in road transport
- 3.2 m road footprint
- The main heavy-duty single-frame ensures that any stress is transmitted to the cutting group
- The large diameter auger conveys quickly the product in the feed rollers



A CONCENTRATE OF ENERGY

When there's a need for highly dry forage material high in fiber, it's time to switch to integral cereals. The nutritional value of whole grain fodder is well documented, and can significantly increase the volume and the quality of the milk, as well as the weight of cattle and sheep, with obvious advantages for your earnings and for those of your customers. But the collection of whole grains does not go for the benefit of animals only. The collection of grassland crops as miscanthus with the direct cutting system can indeed be a precious source for bioenergy.

Central connection integrated in the body of the header, adaptable to the most performing self-propelled forage harvester on the market. The innovative FOLDBAR 6.16 direct cutting header offers to the users the comfort and performance of a unique system in its kind.

The MARANGON mowing unit consists of an advanced wheelbase gears system allowing an indirect transmission to the gears greatly reducing the required traction power and the effort, ensuring minimal wear to the moving parts and a minimum overheating of the cutting unit.

Possibility of mounting leveling sensors, speed control sensors for cutterbar and auger speed control, if foreseen by the configuration of the forager.



TECHNICAL SPECIFICATION

CENTRAL CONNECTION AND EXTRA PROTECTION

The header is adaptable to all types and models of self-propelled foragers through the simple replacement of the adaptation kit.

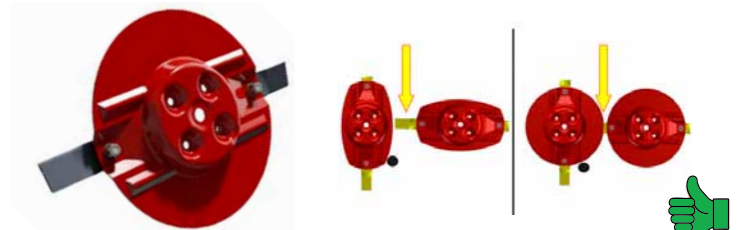
The support soles and the roller feeding slide are equipped with an extra protection in Hardox, to preserve its integrity over time, even in conditions of extreme wear. It is possible to mount leveling sensors, and PTO speed sensors, if required by the configuration of your forager.

Equipped as standard with proximity sensors to verify correct coupling between the transmission joints.

ROUND DISKS

MARANGON's round cutting discs guarantee greater safety compared to the oval disk in the event of an impact avoiding the damage of the vital parts of the mowing unit. Hot forged, tempered and ribbed, allow the acceleration of the flow and facilitate the discharge of the product.

The knives are made of high quality steel for a long life.



AUGER

The floating auger, with a large diameter, 830 mm, allows conveying uniform and constant product regardless of its length, guaranteeing an excellent quality of the chopped product.



Advantages of the round disc

- Clean cut
- Less impact surface
- Greater shock absorption thanks to the round profile of the disc
- Preserves the mechanics of the entire cutter bar
- High quality of the cut product
- No mulch effect
- Longer knife life
- 129 mm knives
- Less power absorption
- Possibility of interchange between discs once worn

FRONT PROTECTION

The mobile frontal protection allows a quick inspection of the header and an easy access in case of maintenance and cleaning of the same.



CUTTING GROUP

DIRECT CUT HEADER FOLDBAR 6.16

The innovative high performance MARANGON cutting unit consists of a series of gears with an advanced wheelbase gears system that allows a considerable reduction of the required traction power and the effort transmitted to the moving transmission organs guaranteeing maximum efficiency. High gears profile transmit the motion to the fast gears of the discs guaranteeing one uniform and efficient power distribution on each disk.



DISK SAFETY SYSTEM

Equipped with the innovative MARANGON disk safety system.

In the event of an impact, instead of transmitting the impact to the sprockets of the cutting bar the two safety screws in the disk flange break.

This allows a simple restoration of the cutting unit, minimizing the downtime with benefit for productivity.

