

# DISCOFLEX

DISCOFLEX RANGE : STUBBLE CULTIVATION DISC HARROW

**Discoflex range : Rigid and foldable  
mounted and trailed version**



HP RANGE : 90 - 300 HP

# Discoflex

Stubble cultivation disc harrow range  
New design of the working element

Even for the widest range, the Discoflex has been designed to have a perfect soil levelling.

Discoflex is a polyvalent tool with high performance

Discoflex offers weed control, incorporation of the straw and residues, soil preparation in all type of soil conditions.



## Efficiency

Wide diameter disc

- Diam 560 or 620mm
- Deeper cultivation on maize stubble and in other crops with heavy residues
- Long life improved
- Optimum protection of the bearing

## Simplicity

Lameflex protection : High steel quality blade protection

- Long life of the blade (simple and toughness)
- Low maintenance (no shaft/no articulation)
- No sideways movement, for a perfect work.



## Technology

Exclusive tandem bearing

- 1 blade 1 double bearing 2 discs
- 2 ball bearings with 2 row of balls with slanting contact per disc
- Machined shaft in one piece
- Cassette sealing
- Sealed bearing
- Possibility to renew the grease inside the bearing.
- Security valve in case of high pressure

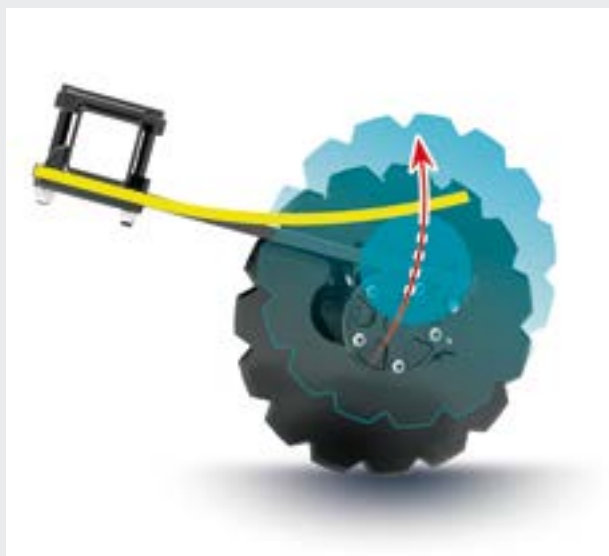




**Optimal result**

#### High performance

- Disc penetration from 80 to 130 Kg / per disc, depending of the diameter
- Perfect working depth all over the whole width (essential for the weed control)
- Working depth up to 12 cm
- Stubble cultivation in dry conditions
- 1 arm for 2 discs, less risk of blocking residue



**Wide disc diameter, fitted on Lameflex makes it possible to use the Discoflex on various conditions**

# Discoflex

Rigid and foldable mounted

## Mounted rigid Discoflex

From 3 to 3,5 m

Hitch cat III

Central frame

Disc 560 mm diameter / 6 mm thickness

Hydraulic depth control

For tractors from 90 to 150 hp

## Foldable mounted discoflex

From 4,20 to 6,20 m

Hitch cat III

Central frame 300x150

Lateral frame 120x80

Folding with 4 hydraulic cylinders

Hydraulic locking system for transport

Disc 560 mm diameter / 6 mm thickness

Hydraulic depth control

For tractors from 150 to 250 hp








## Two different rear rollers

- Single roller
- Double roller



Hydraulic  
depth control of  
the roller

## Technical features

							 MAX
Discoflex							
Rigid mounted	24	230	90	560-6	2,80	3,00 m	1920
	28		130		3,30	3,5 m	2240
Foldable mounted discoflex	36		150		4,20	> 3,00 m	3300
	44		180		5,20		3900
	52		210		6,20		4500

Weight and HP requirements are subject to modification depending of the soil, options,...

# Foldable trailed machine

## High stability

Discoflex trailed version from 4,20 to 5,20 m



Discoflex trailed version 6,20 m



### Maxi control system in standard

- ❶ Hydraulic cylinder on drawbar:
  - Hydraulic depth control
  - Better traction
- ❷ Rear roller with hydraulic depth control  
=> Perfect control of the working depth
- ❸ Depth controlled by the front ram and the rear roller

From 4,20 to 9,10 m

Hitch with conical ball or on tractor arms  
Frame (double beam 200x100)

**Folding with 4 hydraulic cylinders**

**Automatic locking system for transport**

Disc diameter 560 mm or 620 mm - thickness 6 or 7 mm (option)

For tractor from 130 to 300 hp

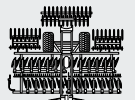
## Technical features

Discoflex							
Trailed version in 2 parts with «independant» roller	36	230	140	560-6 (620-6 or 620-7 in option)	4,20	3 m	7400
	44		170		5,20		8300
Trailed version in 2 parts with integrated roller	52		200		6,20		9320
Trailed version in 3 parts with integrated roller	60		240		7,10		10160
	68		270		8,10		10900
	76		300		9,10		12280

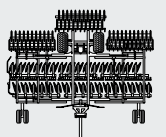
Weight and HP requirements are subject to modification depending of the soil, options,...



Discoflex trailed in 2 parts in 4,20 m and 5,20 m



Discoflex trailed in 2 parts in 6,20 m



Discoflex trailed in 3 parts in 7,10 m, 8,10 m and 9,10 m



# Discoflex

## Key advantages, the rear roller

### The rear roller is essential for stubble work

- Makes possible to control the working depth and to stabilize the machine at work
- Consolidation of the ground to help the germination for an optimum weed control
- Ensure a fine soil preparation after ploughing

### Wide choice of rear roller:

#### Crumbler roller (square tube)

- For dry conditions and non sticky soil conditions
- Keep the moisture in the ground

#### Double crumbler roller / front - Ø 600 mm - rond tube | Rear – Ø 500 mm - square tube

- Very aggressive for the weed
- Very fine job
- For dry conditions and non sticky soil conditions
- Keep the moisture in the ground

#### Double emopak roller

- Deeper and homogenous consolidation of the ground
- Better contact between the ground and the grain for an optimum weed control
- Profil V or plat Ø 600 mm

	Discoflex rigid and mounted	Discoflex foldable and mounted	Discoflex trailed version in 4,20 and 5,20 m	Discoflex trailed version from 6,20 to 9,10 m
Crumbler roller	●	●	●	—
Double crumbler roller / front - Ø 600 mm - rond tube   Rear – Ø 500 mm - square tube	●	●	●	●
Emopak roller	—	—	●	—
Double Emopak roller	—	—	●	●

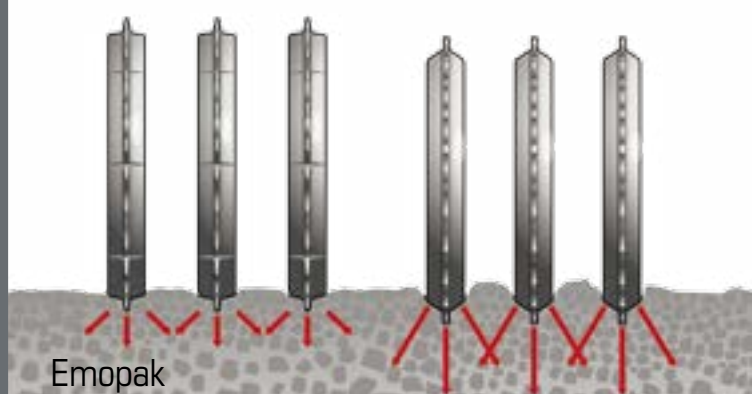
● : available / — : non available



Crumbler roller (square tube)



Double crumbler roller



Emopak

### Foldable in 3 section on the trailed Discoflex from 7,10 m width

Trailed Discoflex in 7,10 m, 8,10 m and 9,10 m working width is foldable in 3 sections

- Compact in transport position
- Lower pivoting axle => Lower center of gravity for more stability in transport position



## Genuines spare parts of Gregoire Besson guarantees output in all fields.

**Original wearing parts of Gregoire Besson are manufactured with the best quality steel and using the last technology**

The specific design of the wearing parts makes possible to improve the output of the machine, in all soil conditions. Original spare parts from Gregoire Besson are the best guarantee to offer you the lowest maintenance costs.

### Crenflex disc :



- “flat” profil
- Better cutting
- Less sticky
- Low traction requirement
- High working speed
- Special notched disc (Small gap) which makes possibl to offer a perfect work even at low speed

- In standard, Discoflex is using some Crenflex disc diametre 560 mm and 6 mm thickness
- In option the traliied Discoflex can be fitted with some disc of 620 mm diameter and 6 or 7 mm thickness to optimize the capacities of the Discoflex : Working with a lot of trash or to improve the long life of the discs in some wearing soil conditions



A l'épreuve du temps

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