

DISCORDON



FOR TRACTORS FROM 150 TO 600 HP

Discordon

Improved soil management

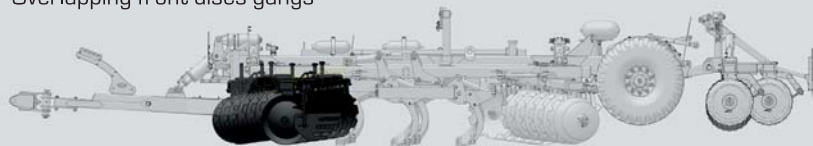


For more than 20 years, Grégoire Besson has been developing their Discordon range. It is now one of the most efficient and reliable on the market.

The combination discs + tines + roller ensures a one pass high quality tillage in all circumstances.

An excellent and efficient combination

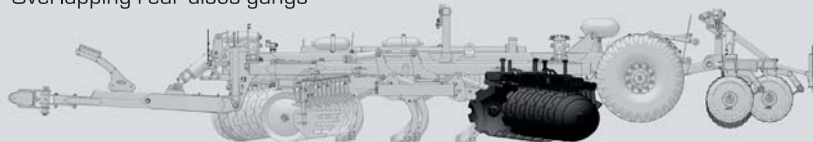
A – Overlapping front discs gangs



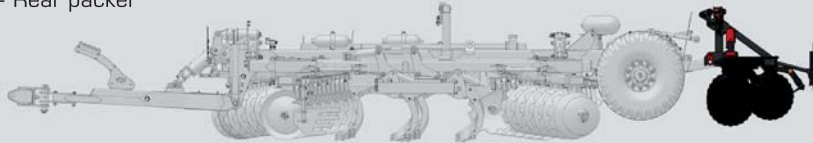
B – Two rows of tines fitted on a parallelogram linkage

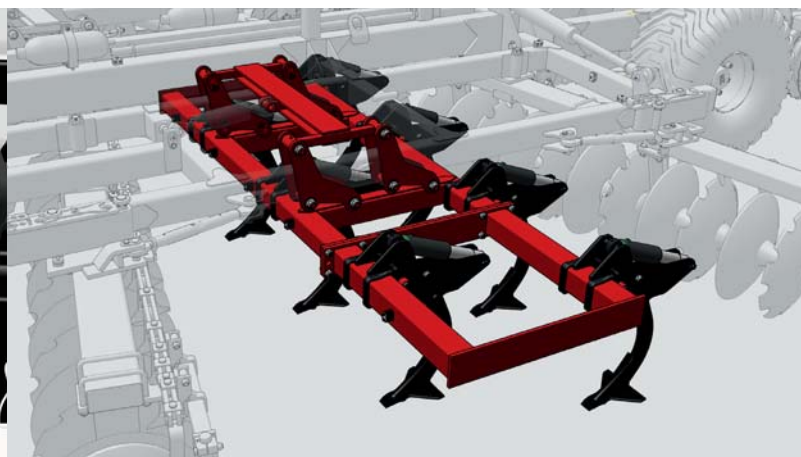
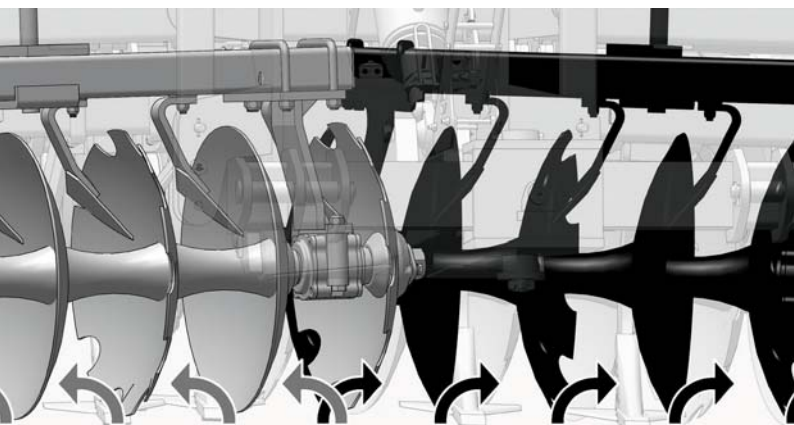


C – Overlapping rear discs gangs



D – Rear packer





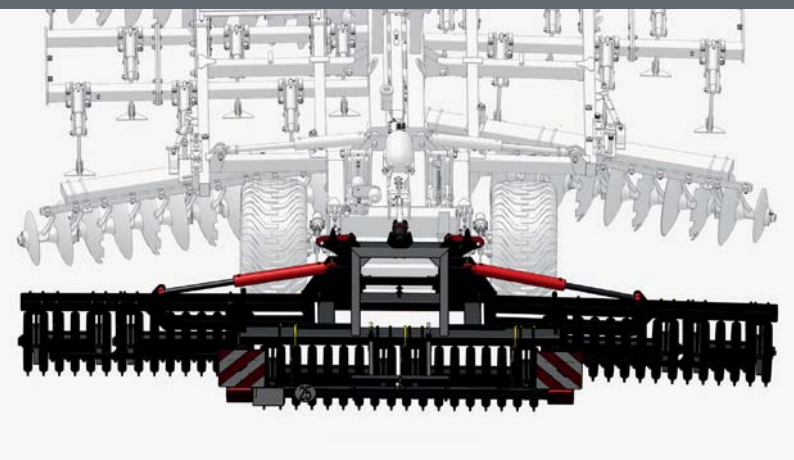
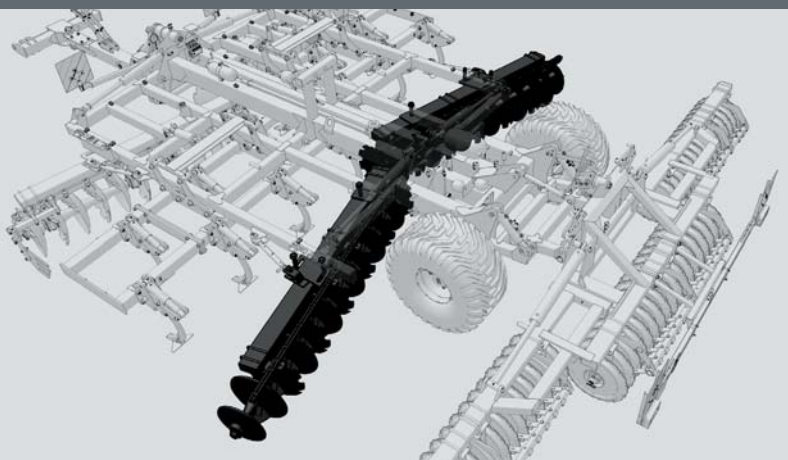
Overlapping front discs gangs

- Adjustable angle = penetration power
- Full width worked
- Residues cut
- Pre-mixing of ground with residue for a quality mulch.

Tines

- Two rows of tines fitted on a parallelogram linkage : Independent depth adjustment operated from the tractor cab. Tine depth from 0 to 40 cm below the discs.
- Two types of tines available : Discordon or Michel type
- Two types of safety device available : shearbolt or non-stop hydraulic

Tines are improving water infiltration and root development



Overlapping rear discs gangs

- Adjustable angle
- Profile refinement and residue cutting
- Fine mixing and levelled surface = improves residue decomposition

Rear roller

- Depth control and stability of the machine at work
- Consolidation of the worked ground
- Creation of ideal germination conditions [Direct seeding, harvest losses,...]
- Several profiles available :
 - Emopak Ø 600 mm with steel rings in «V» or flat profile
 - Emopak Ø 740 mm with steel rings in «V» profile
 - Crumbler roller Ø 600 mm or Ø 900 mm [only for DXRV]

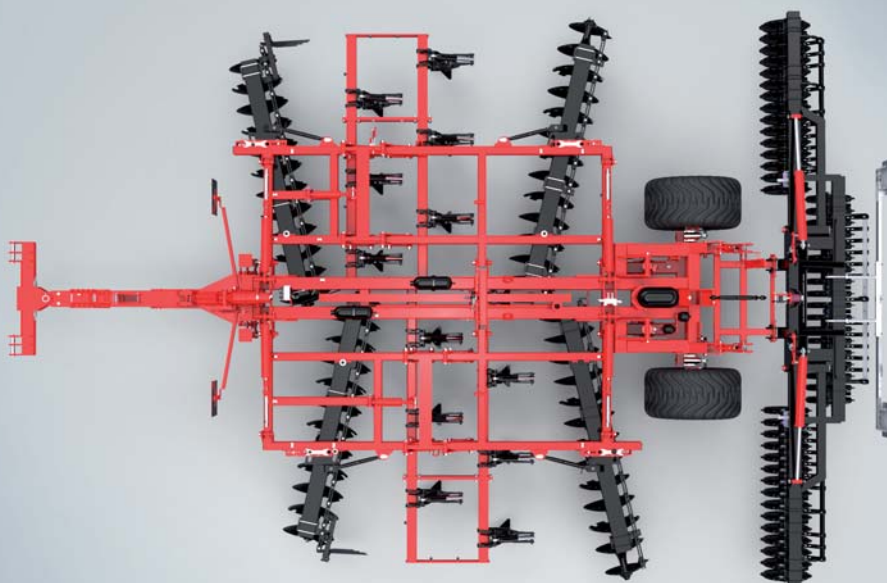
Discordon

DXRV II – DXRV HD

Improved soil management

Wide machines
for high HP
tractors.

Ideal for large
size farms,
allowing high
outputs.

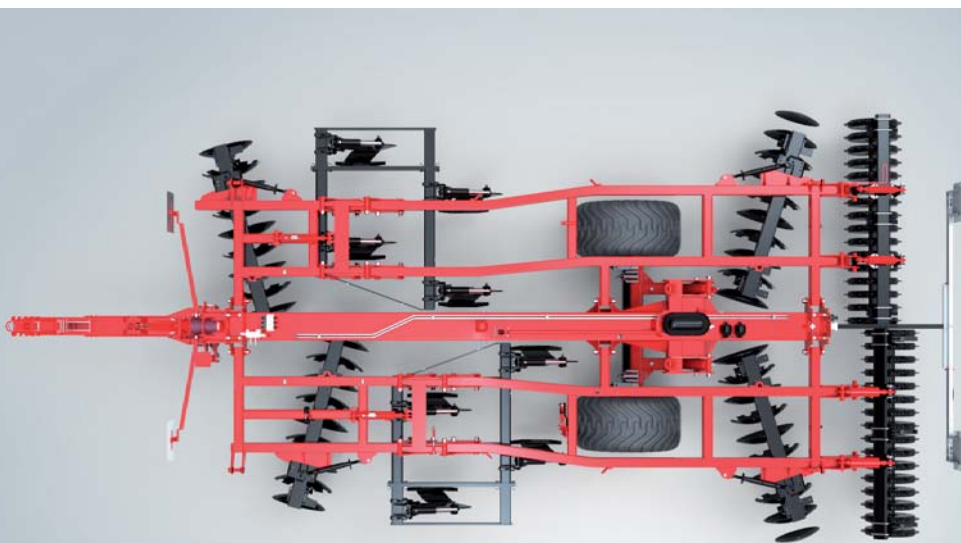


Discs gangs	Frame	Width from 4,20 m to 5,20 m	Width from 5,70 m to 7,20 m
		Wheel axle square 100 mm Wheels 18 R 22,5	Wheel axle square 100 mm Wheels 18 R 22,5
Shaft square 40 mm Discs ø 660 mm Thickness 6 mm		DXRV II	DXRV HD
Shaft square 50 mm Discs ø 710 mm Thickness 7 mm		DXRV II L	DXRV L HD

Technical specifications

								 MAX
DXRV II (Shaft square 40 mm)								
220-250 CV	660 mm	6 mm	270 mm	32	7	4,20 m	3,00 m	6690
250-320 CV				36	9	4,70 m		6940
320-350 CV				40		5,20 m		7190
DXRV II L (Shaft square 50 mm)								
230-260 CV	710 mm	7 mm	270 mm	32	7	4,20 m	3,00 m	6910
260-330 CV				36	9	4,70 m		7190
DXRV HD (Shaft square 40 mm)								
330-350 CV	660 mm	6 mm	270 mm	44	11	5,70 m	3,00 m	7390
350-380 CV				48	13	6,20 m		8340
380-430 CV				52		6,70 m		8590
430-550 CV				56	15	7,20 m		8870
DXRV L HD (Shaft square 50 mm)								
330-370 CV	710 mm	7 mm	270 mm	44	11	5,70 m	3,00 m	8210
370-420 CV				48	13	6,20 m		8690

Weights, dimensions and HP requirements are indicative only, subjects to variations according to options, type of soil, design modifications.



Depth control through roller and wheels.
The implement can also work without roller
in very hard conditions.

Resulting from both field observations and tillage analysis, DXR RC is the perfect complement for Discordon range.

The implements design with the wheels in the centre allows different use :

- with Emopak roller for use just before seeding
- without rear equipment for late tillage.

The central position of the wheels improves the manoeuvrability of the machine.

Technical specifications

								 MAX
DXR RC (Discordon tine)								
220-250 CV	660 mm	6 mm	230 mm	34	6	3,70 m	3,00 m	6700
250-320 CV				38	8	4,20 m		6800
320-350 CV				42		4,80 m		7170
350-380 CV				46		10		5,20 m
DXR RC (Michel tine)								
220-250 CV	660 mm	6 mm	230 mm	30	6	3,20 m	3,00 m	6570
250-320 CV				34		3,70 m		6840
320-350 CV				38	8	4,20 m		6940
350-380 CV				42		4,80 m		7310

Weights, dimensions and HP requirements are indicative only, subjects to variations according to options, type of soil, design modifications.

Discordon

STRONG POINTS Grégoire-Besson

Double cone hitch

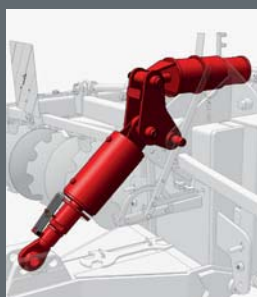
Cat. II, III or IV (specify when ordering)

- designed to fit all drawbars
- never gets loose
- no ovalization risk



«Maxi' Control» system

- On the front : hydraulic compensation ram with rubber shock absorber.
- At the rear : wheels raised up during work, depth controlled with packer.



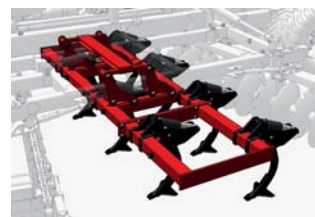
= Result : machine held on both ends = precise working depth, stability and weight transfer



COMFORT AND ERGONOMICS

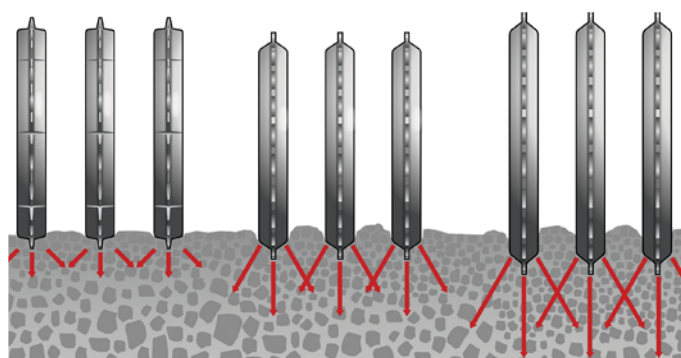


- Hydraulic control box (optional)
- Automatic locking in transport position
- Depth indicators for packer and tines



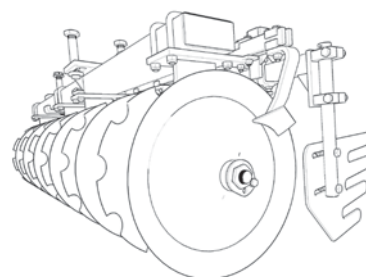
Tines fitted on a parallelogram linkage: Independent depth adjustment operated from the tractor cab.

REAR IMPLEMENTS



- Emopak roller $\varnothing$ 600 or 740 mm, steel rings, «V» profile
- Emopakwalze $\varnothing$ 600, steel rings, flat profile

OPTIONS



- Deflector device
- Bearing protection plate
- Intens+ bearing (heavy roller)

For its wearing parts, Gregoire-Besson uses the best technologies to reach higher quality.

Parts are designed to be easy to pull, long-lasting, to ensure penetration and lead to top-of-the-range discing.

Discs

Bearing

- Double taper roller bearing
- 2 seals + 1 braid on each side of the bearing housing
- Seals oriented for perfect bearing protection + over greasing



Profile

- ø 660 mm / thickness 6 mm
- ø 660 mm / thickness 7 mm
- ø 710 mm / thickness 7 mm
- ø 710 mm / thickness 8 mm

Shaft

- Square 40 mm
- Square 50 mm (DXRV L)
- Nut locking device on both shaft ends

Tines

Type Michel

- Soil loosening with minimum disturbance
- Shearbolt safety device
- Non-stop hydraulic safety device
- Reversible point
- Bolted point carbide reinforced
- Counter blade



Type Discordon

- Subsoiling and intense mixing
- Shearbolt safety device
- Non-stop hydraulic safety device
- Carbide point
- Short steel wing
- Short steel wing carbide reinforced
- Long steel wing





A l'épreuve du temps

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