



***Make from performance a
choice.***

**Disc Harrows in
« X »**

**For tractors from
150 to 280 hp.**

A single beam design

This new range of disc harrow in X is equipped with a new single-beam frame 300 X 300 X 10 mm which ensures great strength of the machine and a great comfort of use:

- Easy access to the various points of maintenance.
- Perfect visibility of the implement at work.
- A transport width of 2.50 m, with hydraulic vertical folding.

The Big'Pro is using overlapped disc gangs at the front and also at the rear. This design guarantees an optimal setting of the disc gangs and a very easy adjustment.



Easy to use



The hitch is totally articulated, which aids an easy hitch and short manoeuvres at work.

The folding is carried out from the tractor cab, using 2 hydraulic rams, and is automatically locked and unlocked safely.



The adjustments of the working angle of the disc gangs are carried out with mechanical turnbuckles or hydraulically (option).

For an easy adjustment, there are some markers to set the angles.



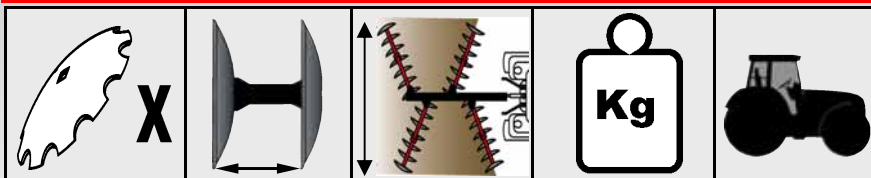
A working depth controlled by the rear roller.



The working depth of the Big'Pro, is controlled by the rear roller, with full weight transfer. It is thus possible to set the working depth from the tractor cab, which can be easily checked by a marker.

The hydraulic system is linked with a nitrogen accumulator which absorbs shock loads in the field.

Technical features



Big'Pro

*without rear roller

40	230	4.40 m	4 660 kg*	165 hp*
44	230	4.80 m	4 870 kg*	185 hp*
48	195/230	4.60/5.30 m	5 020 kg*	205 hp*
52	195/230	5.00/5.80 m	5 290 kg*	225 hp*
56	195/230	5.40/6.20 m	5 440 kg*	245 hp*
60	195	5.70 m	5 550 kg*	215 hp*
64	195	6.05 m	5 690 kg*	230 hp*

Rear rollers available in option :

Type	Diameter	Width
Crumbler roller	Ø 600 et 900 mm	3,00 - 5,00 m
EMOPAK Profil Flat	Ø 600 mm	
EMOPAK Profil « V »	Ø 600 mm	
Flexpak	Ø 740 mm	

Heavy duty chassis

The central frame is made from 2 box sections of 250 x 150 x 10, which ensures a great rigidity of the frame. The lateral chassis allows equal quality all over the working width of the implement.

The overlapped disc gangs move all the ground over the working width of the Big Chief, whatever the angling adjustment of the implement.

Vertical folding ensures a transport width under 3,00 m.

As standard the Big Chief is equipped with a hydraulic compensation kit on the drawbar, which will ensure a perfect stability of the implement either in transport and in work position. This cylinder will increase the pressure on the tractor tyres, to improve the traction at work.

After the carriage wheels, the Big Chief is equipped with a hydraulic three point linkage designed to lift a heavy rear roller or all other kind of accessories.



Two versions for specific uses :

The Big'Chief is offering 2 ranges:

- The standard model is available up to 7,00m working width. The Big Chief is fitted with cast bearing of 40 mm shaft, protected by 3 seals, on each side; to allow the best protection possible.
- The heavy duty range: Big Chief L is offering a limited range from (5,00-5,50-6,00), and is it equipped with steel bearings of 50 mm shaft. The Big Chief L has been designed to work in the most intensive and difficult conditions.



Various hitch :

Many hitches are available on all the Discordon range:

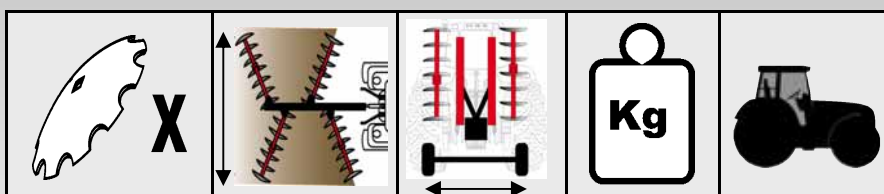
The most common is the ball ring hitch in cat III or IV. As it is important to offer the best to our customers, Grégoire-Besson has developed new types of hitches : Reinforced ball ring hitch, which will be fitted for the tractors equipped with a drawbar «Caterpillar type ». Three different diameters are available.



Hitch on tractor arms CAT II, III & IV is linked to a pivot, which allows a wide steering lock, for better manoeuvrability. Such hitch linked to the hydraulic compensation cylinder ensures an optimum transfer of weight to the tractor, to increase the traction.



Technical features



Big'Chief ∇ 40 *without rear roller

56	6,20 m	3,00 m	6750 kg*	260 hp*
60	6,60 m		7000 kg*	280 hp*
64	7,00 m		7200 kg*	320 hp*

Big'Chief L ∇ 50 *without rear roller

40	5,00 m	3,00 m	6440 kg*	230 hp*
44	5,50 m		6850 kg*	250 hp*
48	6,00 m		7200 kg*	270 hp*

Rear equipments (Available in option)

Type	Diameter	Width
Crumbler roller	Ø 600 et 900 mm	5,00 - 7,00 m
EMOPAK Profil flat	Ø 600 mm	
EMOPAK Profil « V »	Ø 600 mm	
Flexpak	Ø 740 mm	

Disc gangs dedicated for extreme conditions



Bearing of exceptional reliability

The cast bearings are mounted with 2 conical bearings, protected by 2 seals on both sides. The seals are designed to let the grease out in case of grease excess. To obtain a perfect protection, Gregoire-Besson has added on the 2 extremities of this bearing a braid, which will keep away all the dust and various

elements which could damage the bearing.

With this "triple" protection, the Gregoire-Besson bearings are able to suit the most extreme conditions, and are offering a reliability never equalled.

Shaft : Guarantee quality

The shafts are designed out of special steel (Mangano-siliceous) which has exceptional mechanical qualities, in particular the capacity to absorb the shocks and a great resistance to deforming.

Very close attention is paid to the manufacture of the disc gangs: the shafts are machined and threaded at both ends guaranteeing an optimum tightening of the discs and then an exceptional reliability in time.

A broad choice of discs

The models of the range BIG'X are all equipped with standard discs of diameter 660 & thickness 6 mm.

To suit all the conditions, various profiles and sizes of discs are available in option

Diameter	Thickness
610 mm	6 mm
660 mm	7 mm
660 mm	8 mm
710 mm	7 mm

Maxi'Control system



The drawbar is equipped with a hydraulic cylinder (1) which will be used to increase the pressure on the tractor (hitch on tractor arms) to reduce the draft. This cylinder is linked to a rubber shock absorber, to ensure a regular working depth, completed by a high level of comfort.

At work, the cylinder comes in to contact with a mechanical depth stop. This simple solution gives you the guarantee to work all the time at the same working depth.

The working depth of the Big'Pro, is controlled by the rear roller, with full weight transfer. It is thus possible to set the working depth from the tractor cab, which can be easily checked by a marker.

Rear equipments

It is necessary to press the discing (better regularity of work, more refinement, germination of seeds and conservation of moisture in the ground).

In the broad range of rollers available, Emopak is a roller specific to Gregoire-Besson. The principle of Emopak is a row of wheels with specific profile ("V" or "flat" profile) with a diameter 600 mm.

These wheels carry out a completion of great quality, a good packing and an excellent consolidated finish.

For sticky conditions, a rubber roller "Flexpak" with a diameter 740 mm is available.



Emopak Profile « flat »



Flexpak roller

A wide choice of accessories

Lateral control depth wheels with mechanical or hydraulic adjustment are available in option. This system makes it possible to improve control of the working depth especially for the models up to 6,00 m wide.



A row of following harrows ensures a regulation of the ground flow and residues between the two discs gangs.



Hydraulic adjustment of the working angles of the disc gang.

Authorized dealer