



*Effectiveness and simplicity*

**Disc harrows in  
« X »**

**For tractors from :  
60 - 180 hp**



### Compact chassis

The frame in the shape of cast solid framework (Tube of 120 X 60 X 8) is compact, which confers on the tool a great handiness and a very good versatility.

The disc gangs are laid out in X perfect. A central spring loaded tine ensures to work all the working width.

### Easy working depth adjustment

The control of the depth is carried out by the axle located at the center of the implement.

The adjustment of the working depth is regulated hydraulically with a cylinder.

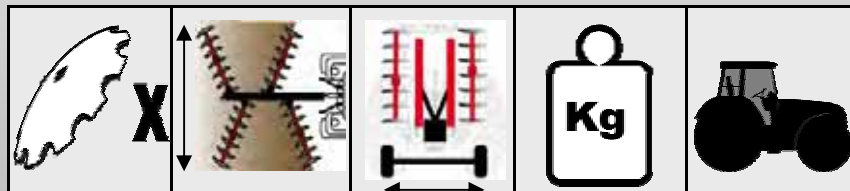


### Simplicity of adjustments



The adjustment of the angling of the disc gangs is carried out using a pin and of a sector with holes. The design of the tool and the position of the disc gangs ensure a great facility of adjustment for the operator.

### Technical features



### Rear equipments (Option)



Model	Diameter	Width
Rumbler roller (Tube, square or flat)	Ø 500 mm	2,00 - 3,50 m

### Class'X

\* Without roller

16	1,95 m	1,95 m	1595 kg*	50 hp*
20	2,30 m	2,30 m	1725 kg*	60 hp*
24	2,70 m	2,70 m	1855 kg*	70 hp*
28	3,10 m	3,10 m	1995 kg*	80 hp*
32	3,50 m	3,50 m	2120 kg*	90 hp*



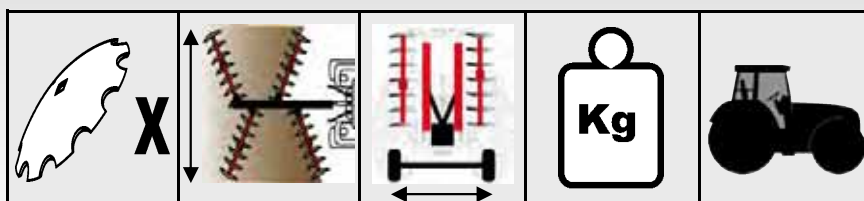
### A simple and robust design

The cast solid frame out of tube of 150 X 100 ensures the rigidity of the tool. The horizontal folding carried out manually, ensures a width of transport of 2,50 m.

The disc gangs are laid out in X perfect. A central spring loaded tine ensures the work of the band not worked at the center of the tool. The central disc located before this tine, ensures stabilization of the tool at work.



### Technical features



### The simplicity of adjustment

The adjustment of the working angle of the disc gangs is carried out using a pin and of a sector with holes.



### Class'XR

\*without roller

24	2,70 m	2,50 m	2300 kg*	70 CV*
28	3,10 m		2440 kg*	85 CV*
32	3,50 m		2560 kg*	95 CV*

The stabilization of the tool in transport and in working position is ensured by a spring or a hydraulic cylinder in option. Thanks to these systems, it is also possible to give more aggressivity on the front disc gangs to increase the penetration in dry conditions.





## Simple design

The main frame in the shape of framework consists of tubes of 180 X 100 X 8, which ensure the rigidity of the framework and a very good resistance of the implement.

The disc gangs are laid out in perfect X. A spring loaded tine ensures the work of the band not worked in the center of the tool. This combination ensures a very great facility of adjustment.

Maintains of the disc gangs to horizontal is ensured by an adjustable mechanical turn-buckle starting from 36 discs. This system allows a great regularity of work all over the working width of the implement and less efforts for the main pivoting pins.



## Optimize the working depth control



The adjustment depth of work is carried out simply using 2 mechanical stop unit in the center of the tool.

The central frame follows the relief of the ground thus, ensuring a regular depth of work.



The control depth of work is carried out using the central carriage. From 36 discs, the wheels are « twinned » to obtain a better bearing pressure on the ground.

A broad choice of tires is available in option in order to be able to adapt the tires to the conditions of use.

## The simplicity of the adjustments



In standard, the adjustment of the angling of the discs is carried out by stitching. The positions of the pivots in the angles of the frame facilitates the manual folding of the disc gangs and well balance the efforts at work.



In option, the tool can be equipped with hydraulic cylinders to fold and unfold the disc gangs, which ensures a setting and transport position automatically, without going down from the tractor cab.



On this model, the adjustment of disc gangs is carried out by an adjustable mechanical stop unit on which the gangs comes in thrust.

This facility of adjustment is appreciated by all the users in particular the users of joint materials or the contractors, who are obliged to often change adjustment to adapt to the conditions of use.

## Technical features

Class'XRL		* without roller		
24	2,50 m	2,50 m	2970 kg*	70 CV*
28	3,10 m		3140 kg*	90 CV*
32	3,45 m		3310 kg*	100 CV*
36	3,90 m		3620 kg*	110 CV*
40	4,40 m		3790 kg*	120 CV*
44	4,80 m		4070 kg*	130 CV*
48	5,30 m		4240 kg*	140 CV*
52	5,80 m		4410 kg*	160 CV*
56	6,20 m		4700 kg*	170 CV*

## Longitudinal folding: Transport width of 2,50m



## Rear accessories (Option)

Model	Diameter	Width
Crumbler roller	Ø 500 mm	2,80 - 6,30 m



## A disc gangs adapted to the extreme conditions

### **Square shaft of 40x40 mm**

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

A very close attention is paid to the manufacture of the disc gangs: the shafts are machined and blocked at their two ends guaranteeing an optimum tightening of the discs and an exceptional reliability in time.

## An accurate control of the working depth

1



2

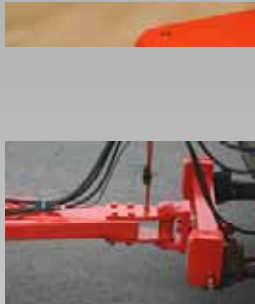


3



All models Class' X are equipped with a hydraulic cylinder on drawbar (1) or mechanical spring loaded turnbuckle (2) which stabilizes the tool in working or in transport position, and a carrying roller (3) in option, on which one carries out the control of the working depth. The tools is carried at its two ends what a perfect working depth whatever the working speed.

## Easy to use and to adjust



The hitches which equip Class' X ranges were conceived so as to have a great facility of attachment and a great maneuverability in end of fields thanks to very important steering an-



The adjustment of opening and closing of the disc gangs are carried out using a sector with holes and of a pin on the whole of the models of the range (1 or 2).

These two very simple systems and without maintenance ensure a meticulous adjustment of the angles.



## Rear accessories to refine stubble-ploughing

The choice of the roller is a determining aspect at the time of the purchase of the tool. It is indeed the roller, which after the stubble-ploughing carried out by the discs, will allow a better completion of work completed, with in particular a refinement and a pack of the ground which will ensure the germination of seeds the adventitious ones and the conservation of moisture in the ground.

A broad range of rollers is available in order to be able to adapt a quality of crumbling and ground pressure according to your conditions of use.



Crumbler roller 500 or 600 mm