R4/RW4

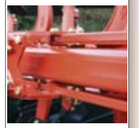
75-120 HP

- Effectiveness
- Versatility
- Productivity

RW4

To optimize your working time with the adjustment uninterrupted of the working width.

The principle of one external linkage reinforced, connecting all bodies of the plough reduced considerably efforts, thus guaranteeing one great longevity with the unit.



In a preoccupation of effectiveness, the mechanisms can be reached easily, for a easy maintenance of the pivoting points and to facilitate the assembly or the disassembling of one additional furrow.

To suit all requirements

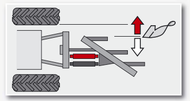
The connexion frame-headstock is carried out using a parallelogram. This system authorizes in particular important offsets which allow in some situations to erase the first body. The adjustment the first furrow (offset) is done via a turnbuckle (or hydraulics cylinder in option).

The offset and the alignment are independent what makes it possible to adjust one without modified the adjustment of the other. This connexion frame-headstock makes it possible to adapt to it the system of variation of the working width uninterrupted (RW4).

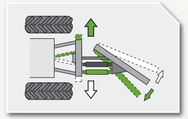
R4/RW4				
	100 mm			
	120 x 120 mm			
X	2 (R4)	3	4	5
	80 / 90 / 100			
	68 / 73 / 78 cm			
	C, B, N, Y			
	10 à 18 ''/ 11 à 20 ''/ 12 à 22''			
Kg	800	1000	1300	1500
	75	85	105	120

Great amplitudes of adjustments for a better productivity

The adjustment of the working width of the first furrow is carried out via the internal turnbuckle. The capacity of adjustment make it possible to hitch the plough whatever the internal way of the tractor.



The adjustment of the realignment of the plough compared to the tractor is carried out thanks to the external turnbuckle. In option, this one can be replaced by a automatic ram of realignment (strongly advised from 4 body).



Original wearing parts of Gregoire-Besson: guarantee outputs raised in all serenity

Original wearing parts of Gregoire-Besson are of higher quality with thermal treatments 180 kg. Moreover, as of their design, these spare parts were thought for an optimum use, offering to you low cost on the wearing part.

Reinforced share

The ploughshares are reinforced what makes it possible if necessary to work without points.

Reversible landside

The landside has 4 positions for an optimum use of the part.

A hold of landside was developed to increase the lifespan of the landside.

To optimize the wear of the point

The point "three holes" (4 positions) is a system specific at Gregoire-Besson, who allows to use the part to the maximum. The part is also less drawing and less aggressive what is very useful in stony conditions.

Bar self-sharpen

This part has the advantage of being adjustable (multiposition) and reversible.This system makes it possible to adapt the parts of attacks independently of the wearing parts. This part is guaranteed against break and the deformation.

A broad range of mouldboards to suit all the conditions

Mould boards are mainly characterized by their lengths and their forms. To adapt to all the conditions of use, Gregoire-Besson proposes a broad choice of mould boards, "short" or "long", full or slattered, of helicoidal, cylindrical or mixed form ("American mould boards").

Cylindrical mouldboard	Helicoïdal mouldboard
Slattered mouldboard	**Plastic mouldboard**

To choose its skimmer according to the volume of residue to be hidden

Universal skimmer	Mixed skimmer	Maize skimmer

www.gregoire-besson.com

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Authorized skimmer

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R4I, R4, RW4

To combine performance and versatility

PLOUGHS
Fully mounted
Reversible

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R41

60-110 HP

- Simplicity
- Compact
- Economic

Double frame: a great robustness without excess of weight

The Gregoire-Besson ploughs are equipped with a double carrying frame until last body. This technique specific to Gregoire-Besson makes it possible to work in 8 faces. It is the guarantee of a great solidity of the plough while limiting the extra weight of the plough.

To adapt your working width in all simplicity;

the link between the body and the frame is made via an adjustable support.
It is then possible to modify the working width of each body following 5 positions: 12, 14, 16, 18 and 20 inches.

Compact chassis

Of share its design, **R41** has a shorter frame, limiting the efforts on the raising of the tractor.

R41				
	100 mm			
	120 x 120 mm			
X	2	3	4	5
	80 / 90 / 100			
	68 / 73 / 78 cm			
	B, N, Y			
	10 à 18 "/ 11 à 20 "/ 12 à 22"			
Kg	730	950	1200	1400
	60	75	95	110

Easy to adjust

The adjustment of the first furrow (offset) is carried out using a locking pin. The adjustment of the alignment is carried out using a mechanical turnbuckle.
This turnbuckle can be replaced by a jack connected to the turnover. This combination offers one automatic realignment of the plough during phases of reversal, in order to facilitate of it the operation, in particular for the 4 bodies and more.

These models have some common design features which make the Gregoire-Besson plough well know :

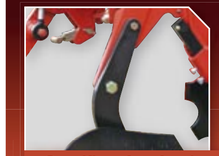
A robust shaft adapted to extreme uses

The shafts of the Gregoire-Besson plough are at the same time compact (limiting them efforts on the shaft) and dig (improving its impact resistance, by one better absorption of the constraints).

Supports (specific) moulded with strong resistance capacities

To ensure a good resistance in the time of the elements, the body is a welded cast solid part mechanic. The moulded support is hollow, which increases its solidity by absorption of the shocks. With the fleeing contour of the body, the vegetable residues are evacuated easily.

A great choice of safety devices to adapt to all the conditions



Specific safety for the easy grounds (C)

The body is made in only one block. One shearbolt with shearing ensures its safety. In the event of shocks, it is sheared, making it possible the body to swivel around the obstacle.

A safety bolt for the heavy soils (B)

Rupture of two bolts of shearing on the level of the articulation ensure the withdrawal of the body in front the obstacle. According to the soil conditions, various resistances of bolts (90 to 130 kg) are available. The whole of the body is cast solid what limits articulations and wearing with time.

A robust mechanical non-stop device protection without maintenance (N)

The spring, placed inside the element has at the same time a capacity of shock absorber which absorbs the shock In case of obstacle, and a capacity of restitution, allowing a fast return of the element in the ground. The system is assembled on a double linkage ensuring broad release of the body and the best reliability in time.

A hydraulic safety high performance (Y)

Hydraulic safety not-stop is one important characteristic of the range. Gone up on 4 independent kneecaps, each body can as well move from top to bottom that from left to right without the articulation being damaged. This system of non stop safety uses a double linkage and a jack fixed in end of body. This specificity ensures reliability of the system.

Frame: use of high quality steels

A very particular care is taken for the frame. For that, we use steels with very high yield stress and of dimensions of tubes especially studied to answer the most extreme conditions. Each drilling for the fixation of furrow is reinforced using spacers to improve longevity and the efficacity of tightening on the carrying element.

Hitch: priority with the facility of attachment

To fulfil the requirements of each one, various types of hitches are available (fixed, automatics, ...). Facility of attachment of plough and the resistance of the locking pins are two characteristics which brings reliability and comfort for the user.

Lateral depth wheels: to limit the space

This type of fitting limits to the maximum the overflow of the wheel.The RJL wheel can be used with a transport kit. The RTTL provides the function of control depth and transport with a simple passage of one to the other. According to the model chosen, different tires fittings are available.

Rear wheels: optimum control of the working depth

All the models of this range are offering a wheel in rear position with various type of tires. This system is appreciated for its facility of adjustment and the improvement of the carry forward of load. Here still, various models of wheels exist, combined (RTTA92) or independent (RL 93, RJR). Do not hesitate to ask to your retailer.

Transport kit: to simplify and make safe your travels

Wheels RL, RJR, and RJL can be supplemented by this kit to reduce the efforts on the raising of the tractors, while improving comfort of the driver.

Tires		
600 x 9	200 x 14,5	10,75 x 12