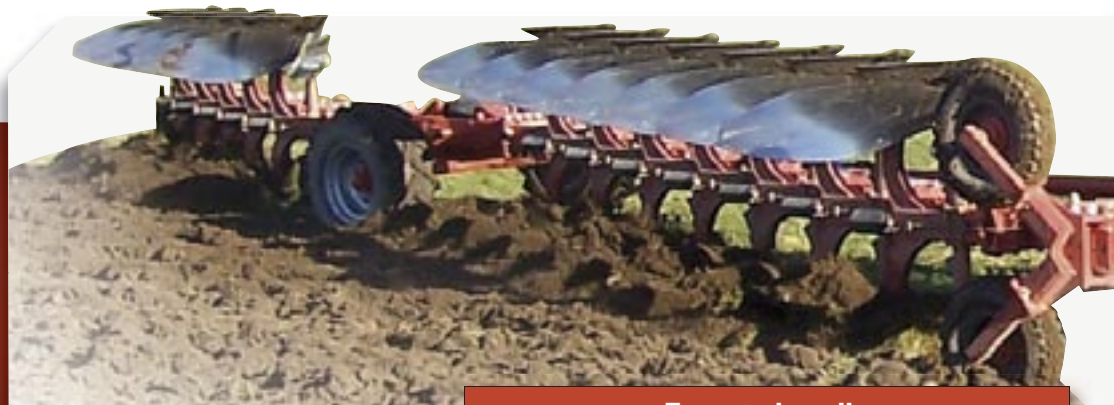


- Adaptibility
- Handiness
- Reliability



Possibility to work in furrow and on land.

Depending of the soil conditions or the type of tractors, it is important to keep the possibility to modify your plough from the on-land to in furrow position, and reverse. The SPSL & SPEL range are offering this possibility, and in a few minutes the plough can be changed. Again, this specification makes your Grégoire-Besson unique and adaptable.



Front furrow adjustment via a parallelogram

The hydraulic adjustment of the front furrow allows the possibility to «slip» the first furrow completely in difficult conditions. Also the plough can easily be modified to work on land or in furrow. In the on land position, the plough will be suitable for tractors equipped with twin wheels, or for the tractors using rubber tracks or wide tyres. The double front wheels ensure a safe and comfortable ploughing position for the driver.

Easy to handle









As the previous model, the SPSL and SPEL ranges are available with a simple articulation or with the articulated system, with 2 hydraulic cylinders. The SPEL is also available with the same functions, but with a hydraulic control, instead of electronic.

SPSL9	SPEL9
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Different frames depending of the number of furrows

Depending of the size of the plough (from 12 furrows and more), Grégoire-Besson uses a reinforced frame, for more reliability. Simple idea, for more serenity.

SPSL9 - SPEL9								
	180 x 180 mm							
	7	8	9	10	11	12	13	14
	100 ou 114							
	71 / 76 / 81 cm							
	B, Y, Z							
	12-20" / 14-22"							
	5400	5700	6200	6800	7100	7300	7600	8000
	200	230	250	270	290	330	430	500

Original wearing parts of Grégoire-Besson: guarantees output in all fields.

Original wearing parts of Grégoire-Besson are of higher quality with thermal treatments 180 kg. As well as their design, these spare parts were considered for an optimum use, offering to you low cost wearing part.

Reinforced share

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



To optimize the wear of the point

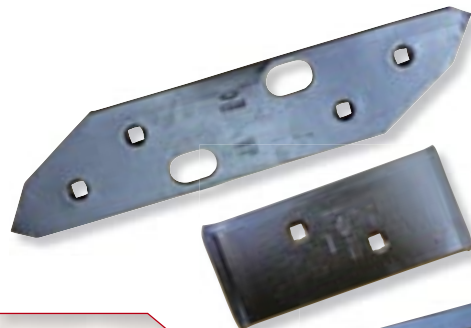
The point "three holes" (4 positions) is a system specific to Grégoire-Besson, which allows the use of the part to the maximum. The part is also less aggressive which is very useful in stoney conditions.



Reversible landside

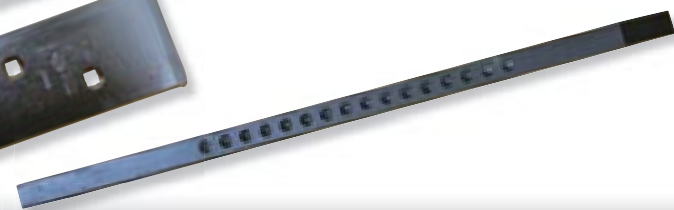
The landside has 4 positions for an optimum use of the part.

A landside supplement has been developed to increase the life of the landside.







Bar point self-sharpen

This part has the advantage of being adjustable (multiposition) and reversible. This system makes it possible to deepen the point independently from the share. This part is guaranteed against breaking and deforming.



A broad range of mouldboards to suit all the conditions

Mouldboards are mainly characterised by their length and shape. To adapt to all the conditions of use, Grégoire Besson offers a broad choice of mouldboards, "short", "long", full, slatted, helicoidal, cylindrical or mixed form ("American mouldboards").

Cylindrical mouldboard	Helicoidal mouldboard
	
Slatted mouldboard	Plastic mouldboard
	

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

Universal skimmer	Mixed skimmer	Mais skimmer
		

Simplicity and reliability

SEMI MOUNTED PLOUGH

for high horsepower tractors

www.gregoire-besson.com

Authorized dealer

- **Simplicity**
- **Flexible**
- **High output**



Simplicity relates with serenity

All Grégoire Besson ploughs have been designed to work in the most extreme conditions, and the SPSF or SPEF are the perfect demonstration of our expertise in this field. This expertise allows you the warranty of very low costs of using your plough for a high output. To achieve this target, we are using high quality steel, welded and cast parts, along a simple design, for an easy use of your plough. Again, simplicity is in our opinion the easiest way to offer serenity to our customers.

Flexibility for optimum output



< model: SPSF

The central carriage is totally articulated, to offer a perfect following of the ground surface.

The SPSF range uses a cylinder placed inside the articulation. It can be used either in floating position or under pressure depending of the ploughing conditions.

▲ In floating position, the rear part of the plough will be able to follow the ground contours without problem, and also to ensure a short headland. And the opposite in hard soil conditions, it will be possible to lock the articulation, to allow a good penetration. This position is also used in transport to secure the plough.

Electronic model: SPEF





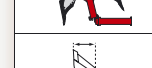


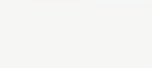
The articulation is situated in front of the carriage, which makes it possible to use during the manoeuvres in transport or on the headlands. Also, in ploughing position, you can use independently the front to the rear or the other way round. This system is very usefull, to finish a field corner, or to have a small headland area.



More furrows for a high output

Through it's long experiences with different world records, Grégoire-Besson is the only manufacturing company to offer up to 14 furrows.

SPSF9 - SPEF9

	180 x 180 mm							
	7	8	9	10	11	12	13	14
	100 ou 114 cm							
	71 / 76 / 81 cm							
	B, Y, Z							
	12-20" / 14-22"							
	4900	5200	5600	6000	6360	6700	7100	7500
	200	230	250	290	320	360	430	500

These models have some common design features which make the Grégoire Besson ploughs well known :



Headstock 110°

The headstock is linked to the plough via a cast steel crucifix, which allows a turning angle of 110°. This crucifix can be equipped with a hydraulic compensation cylinder, which will act directly with the top link. With this patented system, you can reduce the draft of the tractor up to 30%. Along with better traction, this system when used in transport position allows a better comfort for the driver, working as a shock absorber.



Various hitch depending of the horsepower or tractor hitches

All the semi mounted ploughs are available with various hitch options: Fixed or automatic, quick coupler cat II, III or IV,



Cast steel leg

To ensure a long life, the leg is a welded cast part. The moulded support is hollow, which increases its solidity by absorbing the shocks. With the radiused contour of the leg, the trash easily flows through.



Reliable and comfortable turnover system

Rack and pinion mechanism, operated by two hydraulic cylinders ensures constant, precise and smooth easy operation during turnover operations. This system developed by Grégoire-Besson is now well known in the world for its high level of reliability and its low cost of maintenance. Equipped with some cylinders of 35 T, this system makes possible to turn the plough easily and without shock loads for the tractor and the plough.



Fast and easy manoeuvres

All the semi mounted ploughs of Grégoire Besson can be operated via a handle (Cobra) or a hydraulic selector. On the electronic models (SPEF9 and SPEL9), it is possible to use an electronic control box, from where it will be possible to adjust the timing of all the manoeuvres. A multi function joy stick is also available, specially designed to be perfectly integrated in your tractor cab. Its design has been developed to offer to the user an easy and intuitive control of the plough.



A safety bolt for the heavy soils (B)

This type of safety is suitable for implements working in ground, without stone and in light, medium, and heavy soils without rocks. During the shearing of the bolt, the legs swivels and is cleared away from the obstacle. Depending on the conditions, there is a choice of bolt resistance (8.8 or 10.9).



A hydraulic safety high performance (Y)

Hydraulic safety device Grégoire-Besson is assembled on 4 ball joints. Each element can move from top to bottom, and from left to right without the articulation being damaged. This system of safety uses a double linkage and a cylinder fixed on the end of the element.



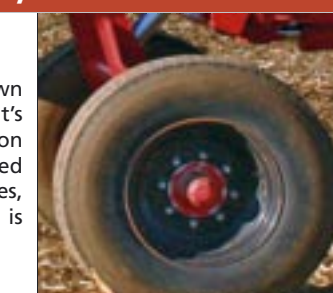
A HD hydraulic safety device (Z)

This system of safety uses a double linkage and a cylinder fixed on the end of the element. In comparison of the Y system, Z hydraulic device is using ball ring on the articulation, to allow more flexibility in heavy soils.d'utilisation.

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

Wide choices of tyres

Each farm has its own characteristics, that's why, Grégoire-Besson ploughs can be equipped with many types of tyres, because each farmer is unique.



Adjustable working width

Adjustment of furrow width from 12» to 20» or from 14» to 22», according to the interbody clearance 100 or 114 cm.



Flexible assembly

The frame of the plough is designed to add or extract additional furrows. It is possible to add some furrows before the wheel carriage and/or at the rear of the plough. This design makes it possible to obtain the best configuration, either for the condition or the size of the fields.