SPML9-SPMLW9

In Furrow/On land semi mounted plough

150-290 Hp

- Adaptibility
- Ergonomic
- Reliability

Possibility to work on-land and in-furrow

Depending on the soil conditions or the type of tractors, it is important to keep the possibility to change your plough from the on-land to in furrow position, and in a few minutes the plough can be changed. Again, this specification makes your Gregoire-Besson unique and adaptable.

The hydraulic adjustment of the front furrow allows the possibility to «slip» the first furrow completely in difficult conditions. Also the plough can be easily 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.

Researched ergonomics makes easy use.

The wheel support has been designed to work on-land. The articulation ensures an optimum position of the depth wheel whatever the position of the plough. The working depth adjustment is operated by 2 adjustable screws. The hydraulic cylinder is linked to a nitrogen accumulator, which will work as a shock absorber during the turning operations or in transport position.

More comfort, for more reliability and more efficiency.

SPML9 - SPMLW9

	180 x 180 mm			
X	5	6	7	8
	100 ou 114			
	71 / 76 / 81 cm			
	B, Y, Z			
	12-20'' / 14-22''			
Kg	4200	4500	4800	5100
	150-170	170-200	200-240	240-290

Reliability is priority

To ensure perfect reliability, the SPML 9 range, has been designed with a specific stabilisation frame. The turnover system (rack and pinion) allows a comfortable and precise movement of the plough, which will contribute to a better long life of your investment.

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

Original wearing parts of Gregoire-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.

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.

To optimize the wear of the point

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

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.

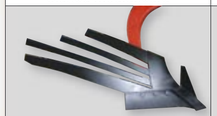
A broad range of mouldboards to suit all the conditions

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

Cylindrical mouldboard

Helicoïdal mouldboard

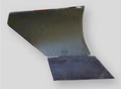
Slatted mouldboard



Plastic mouldboard

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

Universal skimmer



Mixed skimmer

Mais skimmer

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SP SPML compact

High output

SINGLE WHEEL PLOUGH

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SP9-SPW9

In furrow semi mounted plough

150-300 Hp

Grégoire Besson
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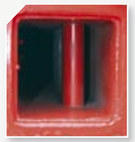
- Simplicity
- Performance
- Flexibility



Simplicity for a long life

For the long life of the frame (180x180x10),it is fabricated to the minimum, to keep the mechanical qualities of steel intact.

After drilling the tube, bushes are welded in to insure the rigidity of the frame. This way of manufacturing, with the use of welding parts together as much as possible, reduces the risk of loosening, to obtain the best life of your implement.

A unique design for more performance:

Unique frame design of the compact range makes it possible to ensure a better performance from your tractor. The rear position of the depth wheel is totally integrated to the frame, to allow optimum traction with minimum draft.
The lateral pressure is reduced due to a better alignement of the plough behind the tractor. Along with the advantages to reduce the draft, there is also less wear on the landside.
Lower centre of gravity, ensures a safe transport position with a high level of comfort.

Front furrow adjustment is operated either with a mechanical turnbuckle or with a hydraulic cylinder (option). The hydraulic adjustment of the front furrow allows you to «slip» the furrow completely in difficult conditions.

SP compact ploughs are equipped with a self steering depth/transport wheel. This allows easy manoeuvres on the headlands or in transport position.

The wheel support is linked to the turnover mechanism, in accordance to reduce the stress on the wheel. The wheel stays parallel to the furrow for less pulling requirements.

SP9 - SPW9				
	180 x 180 mm			
X	5	6	7	8
	100 ou 114 cm			
	71 / 76 / 81 cm			
	B, Y, Z			
	12-20'' / 14-22''			
Kg	2500	2800	3100	3400
	140-160	160-190	190-240	240-270

Plough easy to modify

SP Compact range has been designed, to be able to offer a product which will follow the development of your farm. This plough has the possibility to be equipped with 2 additional furrows. Patent from Grégoire-Besson makes it possible to add an extra furrow before the depth wheel, to allow the best possible traction.

Due to the design of the frame, it will be possible to fit tyres with a wide diameter. The plough will pass over the obstacles without problem, and will increase the comfort in transport.

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

Headstock 110°

The headstock is linked to the plough via a cast steel cardan, which allows a a turning angle of 110°.

This cardan can be equipped with a hydraulic compensation cylinder, which will act direclty on the top link. With this patented system, you can reduce the draft of the tractor up to 30%.

Along a better traction, this system used in transport position allows a better confort of the driver, working as a shock absorber.

Headstock with various hitchs

All the single wheel semi mounted ploughs are available with some hitchs with various options. Fixe or automatic hitch, quick coupler cat II, III or IV, ...

Cast steel body support

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

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

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 Gregoire-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 comparaison of the Y system, Z hydraulic device is using ball ring on the articulation, to allow more flexibilty in heavy soils.

Reliable and confortable turnover system

Rack and pinion mechanism, operated by two hydraulic cylinders ensures constant, precise and smooth easy operation during turnover operations.

This system developped by Grégoire-Besson is now wellknow in the world for his high level of reliability and his low cost of maintenance.

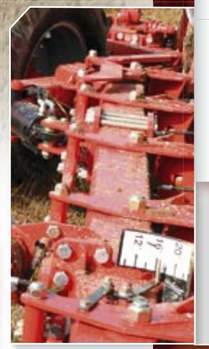
Equipped with some cylinders of 35 T, this system makes possible to turn the plough easely and without shock loads for the tractor and the plough.

Unique design of the frame

Specific design of the frame allows easy turnover due to a better position of the wheel. As the wheel is totally integrated to the frame, the plough becomes more easy to pull.
It is also possible to equip the plough with wider tyres (up to 1220 mm), for a better comfort and also a better control of the working depth in wet conditions (for example).
This specification allows the SP and SPL ranges, to take out the wheel mark by the rear furrow.

Stability during transport

A lower centre of gravity makes it possible to offer a plough much more stable in transport or during headland operations. A plough more stable = more comfort and less mechanical stress for the plough and the tractor.



Working width adjustable manually or hydraulically (Wrange)

SP9 / SPML9 : Adjustment of furrow width from 12» to 20» or from 14» to 22», according to the interbody clearance 100 or 114 cm.

SPW9 / SPMLW9 : The working width adjustment system uses a double external linkage. This system reduces considerably the stress on the mechanism. It is then possible to regulate the working width in all positions. The linkage can also be easily reached for maintenance and adding or removing of extra furrows. The pivot points are bushed and greaseable which ensures great reliability of the system.