

# RANGE SPF9 | SPL9

SEMI-MOUNTED REVERSIBLE PLOUGHS

**SPSF | SPSL | SPHF | SPLH**  
**SPEF | SPEL**



FOR TRACTORS FROM 150 TO 600 HP



# Semi-mounted reversible ploughs

for high and very high horse power tractors



## Different hitches

Cat. IIIN, III, IVN - Cat. V as option

Fixed or automatic coupling,  
Quick-Coupler

Linkage pins in a clevis

Optional depth wheels



## Pivoted headstock

110° turning angle

Manoeuvrability and headlands  
shortened

Hydraulic weight transfer control  
(optional equipment, Gregoire-Besson  
patented): optimal traction power



## Typical turnover

Rack-and-pinion system

- Smooth use, no shocks during turnover
- Movement can be reversed or stopped at any time without risk
- Articulated rear wheel can be steered
- Gregoire-Besson exclusivity
- Reliability proven during several world records
- More than 15 000 units already in service
- Constant turnover speed

# SPF 9 & SPL 9

Knowledge and experience allows Gregoire-Besson to position itself as the market leader in big semi-mounted ploughs.

The range extends from 7 to 14 furrows and is suitable for high horse power.



## Frame

### Central articulation

- Excellent depth control even on sloping grounds

### Available in two versions:

- with mechanical roller articulation (SPSF, SPSL)
  - with hydraulic articulation (SPHF, SPHL, SPEF, SPEL)
- Central carriage control during manoeuvres
- Possibility to work without rear bodies (rear plough lifted)

## Easy handling

Choice of hydraulic connections :

- Direct connection to the tractor (SPHF, SPHL, SPSF, SPSL)
- Connection through hydraulic spool-valve (3 or 4 functions) (SPHF, SPHL)
- Time-controlled headland management (SPEF, SPEL)

Front furrow adjustment (offset) with scissor action: possibility to slip the first furrow

Double depth wheel, height-adjustable

On-Land versions (SPSL, SPHL, SPEL), can be used as well for in-furrow ploughing



# Semi-mounted reversible ploughs

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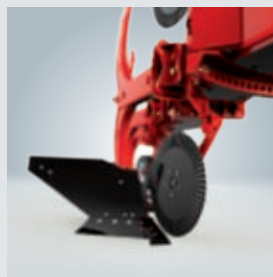


## STRONG POINTS Grégoire-Besson

Modular frame construction : one or two additional furrows can be mounted in front or behind the central carriage.

Adjustable working width from 12" to 20".

Reinforced frame from 12 and more furrows, high reliability



Disc coultter



Hydraulic function selector



Bolt goes through the spacer

## High-quality finish

Pivot points bushed

Bolt goes through the spacer:

- controlled tightening
- prevents damaging the bolt

Equipment:

- Disc coultter
- Trashboards
- Furrow press arm



## In-furrow and/or on-land ploughing



**Grégoire-Besson offers the largest product ranges of semi-mounted ploughs.** With 7 to 13 furrows in hydr. safety device (to 14 furrows in shearbolt protection), and with the possibility to work on-land or in-furrow, this range meets the highest requirements of big farms.

### **In-furrow ploughing SPSF, SPHF, SPEF**

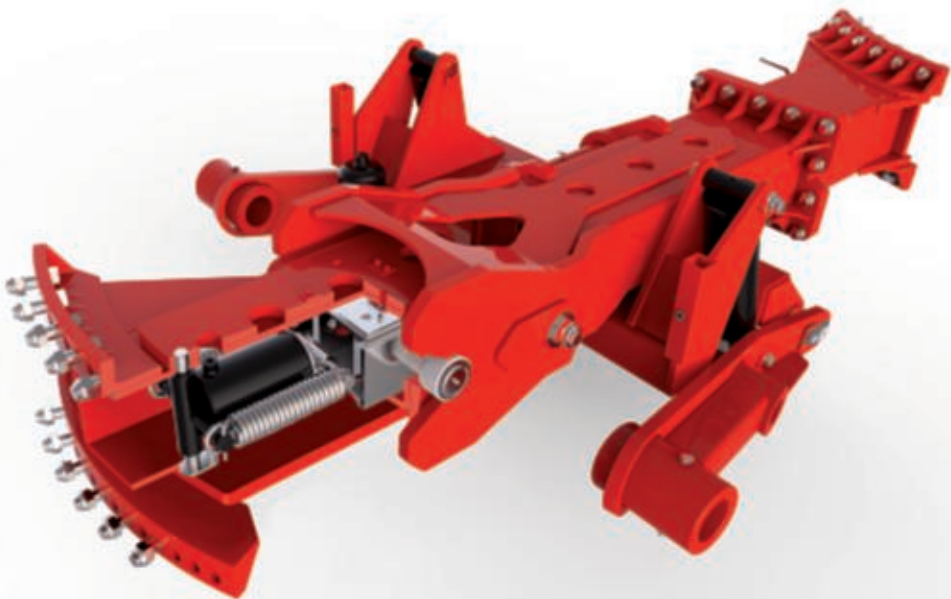
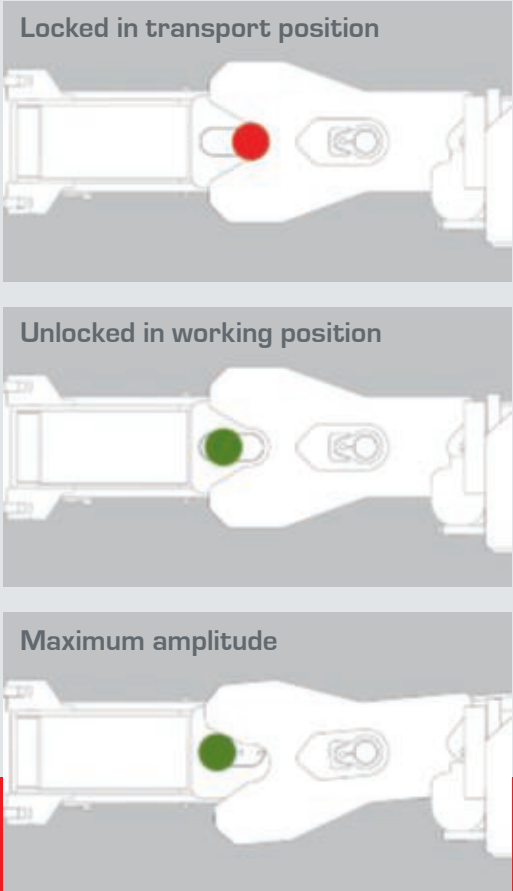
- Ideal in wet conditions: the tractor wheels in-the-furrow obtain the best traction

### **In-furrow or on-land ploughing SPSL, SPHL, SPEL**

- Optimized traction point: in the centre of the plough
- Possibility to use twin-wheeled or tracked tractors








# SPSF - SPSL

Semi-mounted reversible ploughs for working in-the-furrow or on-land  
with mechanical roller articulation



**Mechanical articulation on central carriage**  
Excellent depth control even on sloping grounds. Transport lock.

## Technical specifications

 min							
SPSF - SPSL							
250 HP	180 mm x 180 mm	7	160 - 170 180	100 or 114 cm	B, X, Y, Z	12 to 22"	
280 HP		8					
310 HP		9					
340 HP		10					
370 HP	180 mm x 180 mm	11		100 cm	B		
400 HP		12 •					
430 HP		13 •					

Weights and HP requirements only indicative, subject to variations following options and type of soil. (•) Reinforced frame.

# SPHF - SPHL - SPEF - SPEL

Semi-mounted reversible ploughs for working in-the-furrow or on-land  
with hydraulic articulation



## Hydraulic articulation on central carriage

Excellent ground contour following

Possibility to work with front plough only :

- on slopes
- in hard conditions

Shortened starts on headlands








Transport lock

### Choice of hydraulic connections

	Direct to the tractor / SPHF, SPHL	Through hydr. function selector / SPHF, SPHL	Through electronic management / SPEF, SPEL
Turnover			
Lift of central carriage			
Front furrow adjustment	4-5 spool-valves	2-3 spool-valves	2-3 spool-valves
Lift / articulation of rear frame			
Hydr. weight transfer control (option)			



## Technical specifications

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## Additional implement

### Trailed lifter



#### **TRAILED LIFTER**

For tractors without three-point hydraulic system

- Compatibility with each standard hitch
- High stability during turnover (wide wheel track, wheels of large diameter)
- Optimal soil adhesion
- Precise control of the plough (depth wheels on Quick-Coupler)





## Additional equipment

Transpak



### **Spiral roller Ø 460 mm:**

- Levelling
- Consolidation
- Refinement
- Moisture maintain

### **Full mounted roller:**

- Packing the full ploughed width
- Turnover assistance through 1 hydraulic ram
- Packing pressure hydraulically adjustable (option)

### **Available on:**

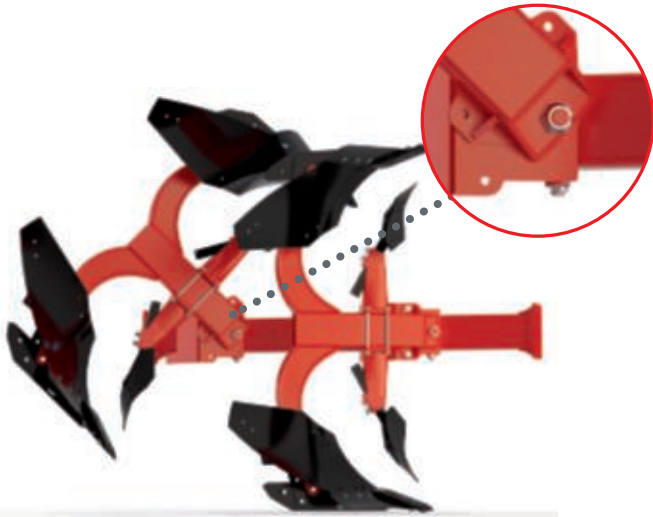
- SPSLB9 from 8 to 12 bodies



# Power control in all circumstances

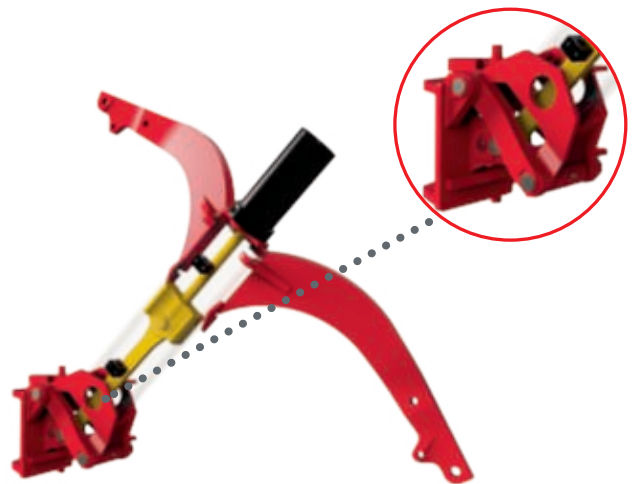
Hard conditions

## Safety device type B



- 2 x shearbolts
- Choice of shearbolt strength : 8.8 or 10.9
- Pivot point positioned vertically from the point

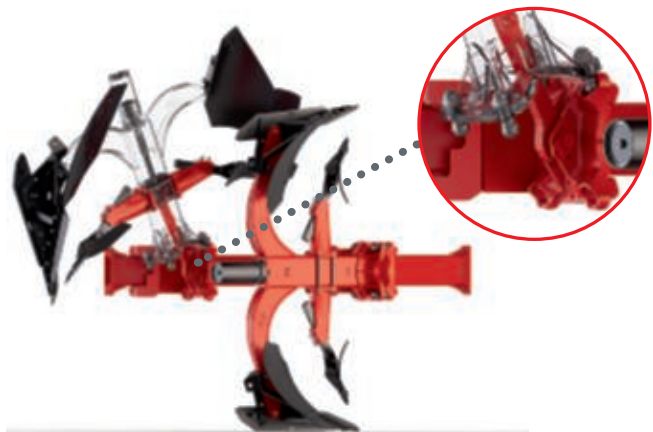
## Safety device type X



**For extreme conditions, system without lateral tripping**

- Point pressure capacity from 700 to 2800 kg
- Ground clearance : 78 cm

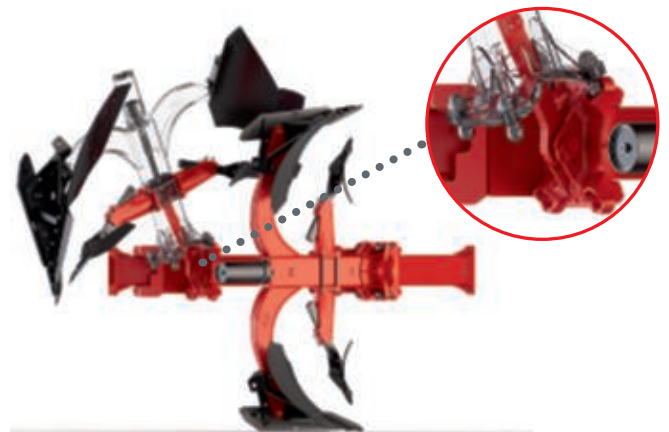
## Hydraulic safety device type Y



### Gregoire-Besson exclusivity

- Mounted on 4 independent ball bearings allowing both vertical and lateral movement
- Point pressure capacity from 620 to 1600 kg
- Articulation axle assembled with grease fitting
- Mounted on double linking rods, ground clearance : 85 cm

## Hydraulic safety device type Z



### For very hard conditions

- Resized interaxle to increase point pressure capacity (700 to 2800 Kg)
- Ground clearance : 70 cm



# Genuine Gregoire-Besson wearing parts

The simplest way to achieve high output

**For its wearing parts, Gregoire-Besson uses the best technologies to reach higher quality.**

Parts are designed to be easy to pull, long-lasting, to ensure penetration and lead to top-of-the-range ploughing.

## Genuine Gregoire-Besson wearing parts : use what you have paid for !

Example : Genuine Gregoire-Besson 3-holes point : "2 Kg purchase, 400g junk, 80% used !"

### Reinforced share / carbide

**Genuine reinforced share**, allowing ploughing without point where appropriate



### Reversible landside



**4 positions** for an optimal use



**Wearing plate** to improve landside long-lasting

### 3-holes point / carbide

**4 positions** for a material optimal use (specific to Gregoire-Besson)

**Easy to pull and less aggressive**, the point is well adapted to stony conditions



### Self-sharpening bar point

- **ø 35 x 35 mm** as standard equipment
- **Adjustable and reversible**
- **Makes it possible** for the point to penetrate into the soil deeply, independently from the share



### Mouldboards

**Large choice** to suit all conditions.

Short or long, plain or slatted, helicoidal or cylindrical



Cylindrical mouldboard



Helicoidal mouldboard



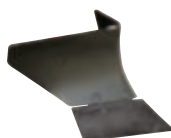
Slatted mouldboard



Plastic mouldboard

### Skimmers

**To choose according to the quantity of plant residues to be ploughed in.**



Universal skimmer



Maize skimmer



Mixed skimmer



Manure skimmer



Pasture skimmer

Genuine Gregoire-Besson wearing parts are covered by the GB warranty against breaking and deformation.



A l'épreuve du temps

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