

RANGE R 47 | R 7

MOUNTED REVERSIBLE PLOUGHS FROM 3 TO 7 FURROWS

R 47 | R 7 | HRP 7



R 47 - FOR TRACTORS FROM 80 TO 180 HP
R 7 - FOR TRACTORS FROM 100 TO 300 HP
HRP 7 - FOR TRACTORS FROM 130 TO 300 HP

Mounted reversible ploughs

Efficiency, versatility and performance

RANGES R 47 & R 7

The know-how and experience from Gregoire-Besson allows the ranges R7 and R47 to be reliable products, designed for intensive use.



Headstock RHAD 115

Standard up to 4 + 1 furrows
Shaft Ø 115 mm
2 tapered roller bearings of the same diameter
Mechanical inclination adjustment
Bolted cross shaft (various models available)



Headstock RHAS 115

Standard on 5 furrows (5) and more, and on-land models
Same construction as RHAD 115 with reinforced structure:

- Thicker sections
- Welded cross shaft



Slotted and inclined top link hole



Pins are bolted

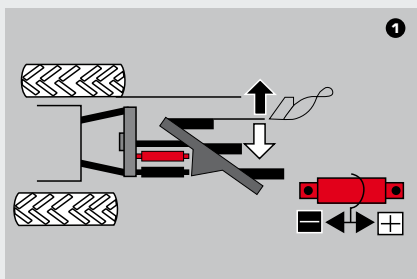


Adjustable working width

5 working widths : 12-14-16-18-20"
Multi-position element support bracket, mounted on socket / spacer
Bolt goes through the spacer :

- controlled tightening
- prevents from bolt damaging

Simple, easy and quick adjustment.



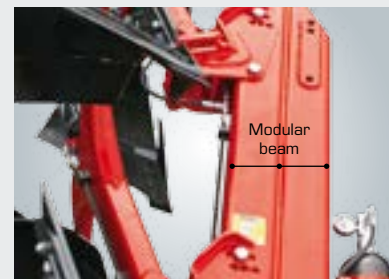
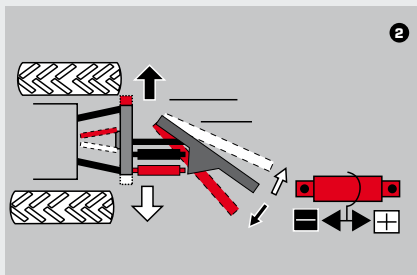
Headstock-to-frame linkage via parallelogram

Independent front furrow adjustment

① mechanical or hydraulic

Independent plough alignment ②

- Hydraulic plough alignment with automatic closing during turnover
- Mechanical plough alignment



Beam

Modular beam = possible extension with one rear furrow

Beam doubled up to penultimate furrow for more sturdiness

Systematic use of spacers

Pivot points bushed and greasable

Connecting plate in cast steel

Reversible mounted ploughs

Efficiency, versatility and performance

RANGE R 47









The R47 range is characterized by simple and sturdy design, for optimal versatility.
The mechanical adjustment of working width enables the plough to suit different soil conditions and needs.

R 47

3 to 5 furrows (to 6 furrows with «C» safety device)
Bolted elements
Shearbolt safety device «C», «B» or hydraulic auto-reset protection «Y»
Frame 120 x 120 mm doubled
Shaft Ø 115 mm
For tractors from 80 to 180 HP



Technical specifications

 min								KG
R 47								
80 HP	115 mm	120 x 120 mm	3	160/ 170 cm	90/ 110 cm	C, B, N, Y	12 to 20°	1350
110 HP			4					1600
140 HP			5					1850
160 HP			6*		90 cm	C		1860

Weights and HP requirements only indicative, subject to variations following options and type of soil.

Weights are given for ploughs with following configuration:

Interbody clearance: 90 cm | Shearbolt safety device B | Headstock RHAD 115 |
Wheel RL 93 200 x 14,5 Bodies B2 with mouldboards H8 | Mixed skimmers

Reinforced reversible mounted ploughs

Workability, sturdiness and endurance











RANGE R 7

The R7 range is characterized by simple and sturdy design, for optimal endurance. Combining versatility and reliability, this range is ideal for high work rates. The mechanical adjustment of working width enables to suit different soil conditions and needs.

R 7

3 to 6 furrows (to 7 furrows with «C» safety device)
Bolted elements
Shearbolt safety device «C», «B» or hydraulic auto-reset protection «Y»
Frame 150 x 150 mm doubled
Shaft Ø 115 mm
For tractors from 130 to 300 HP

Technical specifications

 min								KG
R 7								
100 HP	115 mm	150 x 150 mm	3	160/ 170/ 180 cm	90/ 100/ 110 cm	C, B, N, Y, Z	12 to 20°	1520
130 HP			4					1890
160 HP			5					2240
190 HP			6					2560
220 HP			7	160/170 cm	90 cm	C		2600

Weights and HP requirements only indicative, subject to variations following options and type of soil.

Weights are given for ploughs with following configuration:

Interbody clearance: 90 cm | Auto-reset hydr. protection YZ7 | Headstock RHAS 115 | Wheel RTTL 92 10/75-12 Bodies TA with mouldboards H6

On-land mounted reversible ploughs

Very hard conditions, tractors with large tyres or tracked tractors

RANGE HRP 7

On-land ploughing enables the use of tractors equipped with large tyres or tracked tractors.

These specific tractor equipments ensure a very good adherence to the soil, which enables the use of the plough in extreme conditions. As tillage specialist, **Grégoire Besson** has developed this range of on-land ploughs to answer all the needs, whatever farm structures and traction powers.











HRP 7

- Standard equipment : automatic hydraulic front furrow adjustment and mechanical plough alignment.
- Possibility to work on-land or in-furrow
- Tractor overall width : up to 3,50 m (on-land ploughing)
Inner distance between rear tyres : 1,45 m minimum (in-furrow ploughing)

HRP 7

- 4 to 6 furrows (to 7 furrows with «C» safety device)
- Bolted elements
- Shearbolt safety device «C», «B», «SI», or hydraulic auto-reset protection «Y»
- Frame 150 x 150 mm doubled
- Shaft Ø 115 mm
- For tractors from 130 to 300 HP

Technical specifications

 min								KG
HRP 7								
130 HP	115 mm	150 x 150 mm	4	160/ 170/ 180 cm	90/ 100/ 110 cm	B, N, Y, Z	12 to 20°	1890
160 HP			5					2240
200 HP			6					2560
230 HP			7	160/170 cm	90 cm	C		2600
160 HP			3	205	110 cm	SI		2400
190 HP			4					2800

Weights and HP requirements only indicative, subject to variations following options and type of soil.

Weights are given for ploughs with following configuration:

Interbody clearance: 90 cm | Auto-reset hydr. protection YZ7 | Headstock RHAS 115 | Wheel RTTL 92
10/75-12 Bodies TA with mouldboards H6

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

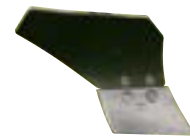
To choose according to the quantity of plant residues to be ploughed in.



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.

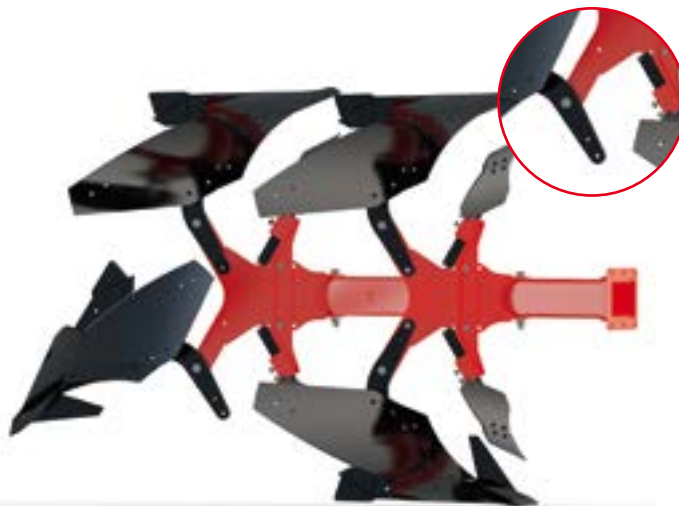
Gregoire-Besson safety devices

Hard conditions

	R 47	R 7	HRP 7
C	•	•	•
C+	•	•	•
B	•	•	•
SI	—	—	•
Y	•	•	•
Z	—	•	•



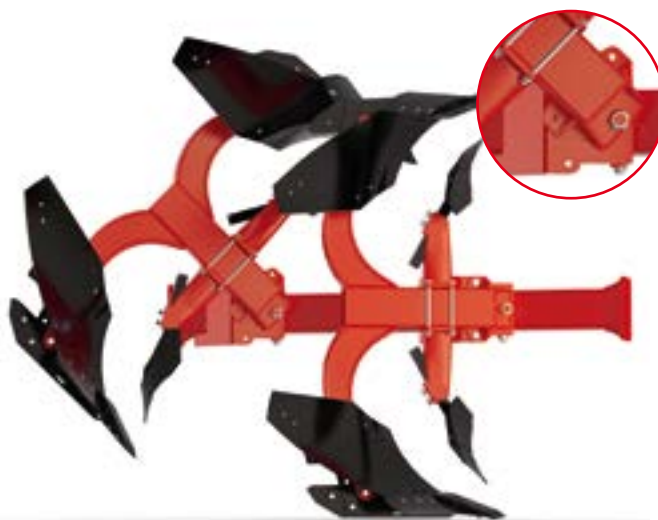
Safety device type C



Shearbolt

- Light safety device, for use in easy soil conditions
- Available on range R47 to 6-furrows, and on range R7 to 7-furrows

Safety device type B



- 2 x shearbolts
- Choice of shearbolt strength : 8.8 or 10.9
- One-piece element : prevents from loosening
- Pivot point positioned vertically from the point

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

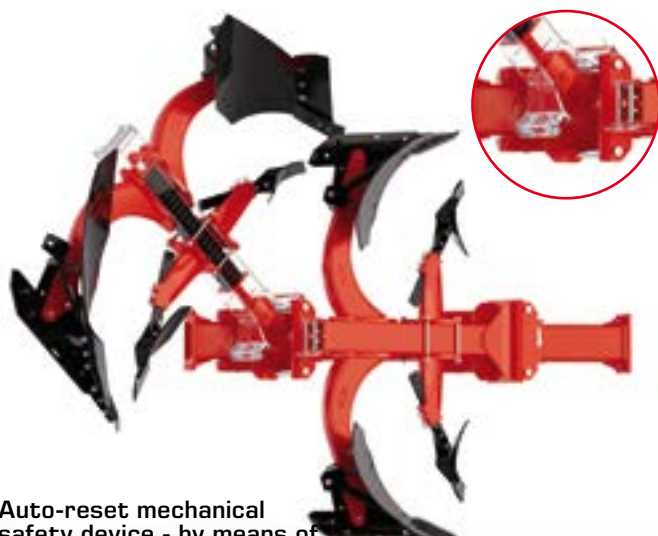
Auto-reset hydraulic safety device Z



For very hard conditions

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

Safety device type N



Auto-reset mechanical safety device - by means of compression spring

- Point pressure adjustable from 700 to 1000 Kg
- Mounted on double linking rods
- Ground clearance : 35 cm

Safety device type SI



- Shearbolt
- Reinforced protection for very hard conditions and deep tillage
- Available on range HRP7

Gregoire-Besson wheels

A full range

Choosing a depth wheel

Gregoire-Besson has developed a full range of depth wheels to meet all required needs and enable the use of the mounted reversible ploughs in all conditions.

Choosing a wheel may depend on:

- its position
 - > lateral = minimal overhanging
 - > rear = optimal weight transfer
- its function
 - > depth control
 - > combined wheel = depth control + transport

	Depth control	Combined depth control + transport
Lateral mechanical	RJL*	RTTL 92
	RT 10	RTT 10
Lateral hydraulic	RTRH	RCRH
Rear	RJR*	RTTA 92

*Transport kit as optional equipment



RJL



Available on ranges:

R47 | R7 | HRP7 | R71

Tyres:

200 X 14.5
10 / 75 - 12
320 X 60 - 12

RJR



Available on ranges:

R47 | R7 | HRP7 | R71

Tyres:

200 X 14.5
10 / 75 - 12
320 X 60 - 12

RCRH/RTRH



**Available
on ranges:**

R47 | R7 | HRP7 | R71

Tyres:

200 X 14.5
10 / 75 - 12
320 X 60 - 12
100 / 75 - 15,3
130 / 55 - 16

RTTA 92 | RTTL 92



**Available
on ranges:**

R47 | R7 | HRP7 | R71

Tyres:

200 X 14.5
10 / 75 - 12

RT 10 | RTT 10



**Available
on ranges:**

R7 | HRP7

Tyres:

11.5/80x15.3
13/55x16

TRANSPORT KIT (optional equipment)



**Available
on ranges:**

R47 | R7 | HRP7 | R71

Tyres:

200 X 14.5
10 / 75 - 12
320 X 60 - 12



A l'épreuve du temps

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