

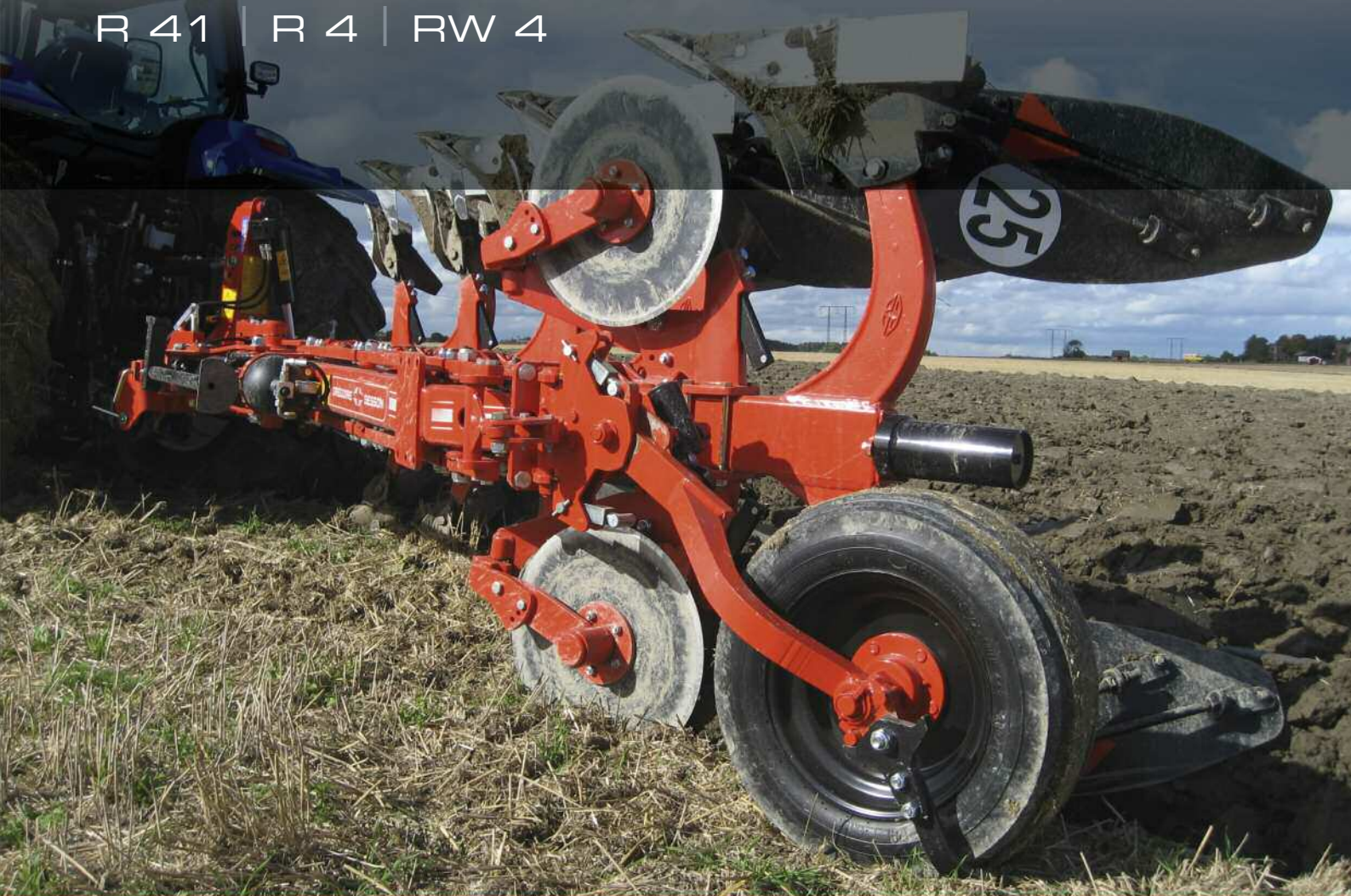
GRÉGOIRE  BESSON

www.gregoire-besson.com

# RANGE R4

**Monted reversible ploughs**  
(light weight) from 2 to 5 furrows

R 41 | R 4 | RW 4



for tractors from **60 to 110 HP**



# RANGE R4

## Mounted reversible ploughs - light weight

Simple, manageable and economic

The know-how  
and experience from  
**Gregoire Besson**  
allows the  
**RANGE R4**  
to be a  
light weight  
and reliable  
product for  
all uses.



### Headstock RHAD 100

100 mm diameter

2 tapered roller bearings of  
the same diameter

mechanical inclination  
adjustment

Bolted cross shaft  
(Various models available)

### Headstock RHAS 100

Same architecture  
as RHAD 115  
with reinforced structure :

- Thicker sections
- Welded cross shaft  
(optional)



### Beam

120 x 120 mm = doubled  
and modular = possibility  
of a furrow in the back

Doubled up before the  
penultimate furrow

systematic use of spacers

Pivot points bushed  
and greaseable

## Hard conditions.

### Safety C and C\*

bolt breaking

light safety : for easy soil

Weight Gain: Setting up 5 + 1 furrows



### Safety device type Y

Exclusivity Gregoire-Besson

Mounted on 4 independant pivoting bolts allowing both vertical and lateral movement (Freeing up / down and left / right)

Point pressure from 620 kg to 1 600 kg

All pins assembled with bushings and grease fitting

Mounted with double articulation  
ground clearance 85 cm



### Safety device type B

Shearbolt safety device

two bolt breaking

Choice for bolt strenght (90 or 130 kg)

Pivot point on the axis of the tip



### Safety N

Security nonstop mechanical compression spring

Point pressure adjustable from 700 to 1000 kg

Mount double rod

Closed under edge: 35 cm



	R41	R4	RW4
C	-	•	•
C*	-	• (option)	•
B	•	•	•
Y	•	•	•
N	•	•	-



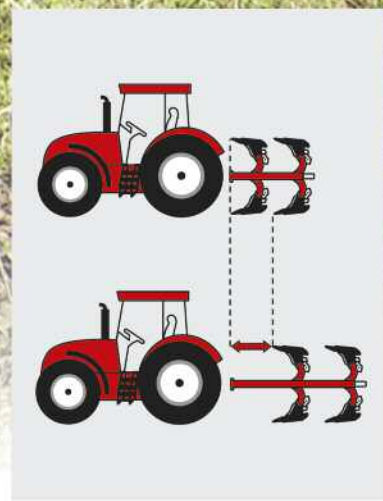
# R41

## Light Monted reversible ploughs

Simple, compact and economical

**Few settings:  
simplicity and  
speed.**

**Recommended  
for fixed  
wheel centre  
tractors.**



### **Direct link with headstock and beam**

Adjust offset / elevation-dependent on tractor wheel width :

- Offset = width of the first body of work: setting position
- True line = alignment: set with mechanical turnbuckle or hydraulic (optional)

### **Alignment**

Mechanical arm

Optional : hydraulic cylinder automatic realignment and turnover

Necessary on 5 furrow ploughs

### **Compact**

Direct link = first furrow close to the tractor :

- plough easier to lift
- easier to return

Use on lightweight and compact tractors :

- need for reduced lift capacity
- Door-to-rear overhang reduced





## Specifications



## R41

60 HP			2					870
75 HP	100 mm	120 mm x 120 mm	3	73 / 78 cm	90 / 100 cm	B, N, Y	12 à 20"	1 160
95 HP			4					1 450

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

## Weight given to ploughs equipped with :

Between furrow : 90 cm | Security B | Head RHAD 100 | R JL wheel 200 x 14.5  
Furrow B2 with mouldboard C16S | mixed skimmer

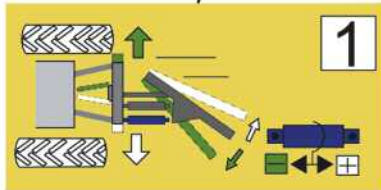
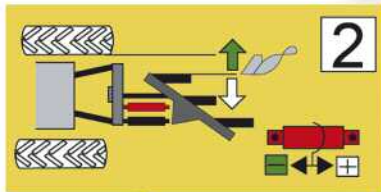


# R4

## Light Monted reversible ploughs

Simple and easy to handle with adjustable width

**Combining versatility and reliability, the range R4 has made the best higher ranges to meet the requirements of users.**



### Link headstock / frame via parallelogram

Offset adjustment (width of the 1st furrow- image 2) and alignment (alignment - image 1) 100% = independent adaptation to all tractors

Perfect work even on slopes

Perfect ploughing in any condition

### R4

Ability to partially 'slip' the first furrow

Pushes the limits of use of the plough

- Very wet conditions
- Slips off

Facilitates finishing fields

### Manual Width Adjustment.

Working width adjustable

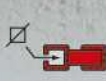
Each tube, is reinforced by a welded in bush

Simplicity, ease and speed of adjustment





## Specifications



## R4

60 HP			2					1 120
75 HP	100 mm	120 mm x 120 mm	3	73 / 78 cm	90 / 100 cm	C, B, N, Y	12 à 20"	1 270
95 HP			4					1 520
110 HP			5			C		1 770

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

## Weight given to ploughs equipped with :

Between furrow : 90 cm | Security Y | Head RHAD 100 | DRL 93 wheel 200 x 14.5  
Furrow B2 with mouldboard H5 | mixed skimmer



# RW4

## Light Monted reversible ploughs

Adaptability and productivity with variable width

### With the system varilarge, working width adapts to the needs:

Wide for fall tillage,  
pre-seeding tillage  
requiring productivity.

Narrow for winter tillage,  
stand ploughing improving  
water infiltration  
and frost action.



### RW4

Hydraulic variable working width:

- 12 to 20 "adjustable on the move dependant on soil type
- Automatic correction of the front furrow when changing the Width

### Rod

double rod outdoor:

- ease of maintenance
- ease addition / removal of the rear furrow
- no constraint on the rod during work

Mounting rings greaseable

### Configuration

Standard:

- offset by mechanical pulling
- alignment arm with automatic closing during turnover

Option:

- Independent hydraulic front furrow
- Alignment by mechanical turnbuckle
- Realignment of the working width (ram memory)





## Specifications



### RW 4

60 HP			2					1270
75 HP	100 mm	120 mm x 120 mm	3	73 / 78 cm	90 / 100 cm	C, B, Y	12 à 20"	1420
95 HP			4					1670
110 HP			5			C		1930

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

## Weight given to ploughs equipped with :

Between furrow : 90 cm | Security Y | Head RHAD 100 | DRL 93 wheel 200 x 14.5  
Furrow B2 with mouldboard H5 | mixed universel



# RANGE R4

## Wheels

A full range

### Wheels choice

Gregoire Besson has developed a full range of wheels to meet all needs and adapt its reversible ploughs in all conditions.

#### Choosing a wheel may be based on :

- position of
  - > overflow = minimum lateral
  - > Rear = optimal load transfer
- Its function
  - > = coulter depth control
  - > combined = Depth control and transport

	Depth control	Combined Depth control + transport
lateral	RJL*	RTTL 92
rear	RL 93*	RTT 85
	RJR*	RTTA 92

\*Additional optional transport.

#### RJL



**Compatibility :**  
R41, R4, RW4

**Tires :**  
600 x 9  
200 x 14.5  
10.0 / 75 - 12

#### RTTL 92



**Compatibility :**  
R41, R4

**Tires :**  
200 x 14.5  
10.0 / 75 - 12

#### RL 93



**Compatibility :**  
R41, R4, RW4

**Tires :**  
600 x 9  
200 x 14.5

#### RJR



**Compatibility :**  
R41, R4, RW4

**Tires :**  
600 x 9  
200 x 14.5  
10.0 / 75 - 12

#### RTT 85



**Compatibility :**  
R41, R4

**Tires :**  
600 x 9  
200 x 14.5

#### RTTA 92



**Compatibility :**  
R41, R4

**Tires :**  
200 x 14.5  
10.0 / 75 - 12



# Genuine Gregoire-Besson wearing parts the easiest 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, to insure penetration and to lead to top of the range ploughing.

## Reinforced shares

Genuine **reinforced share**, allowing ploughing without point if necessary



## Reversible landside

Landside has **4 positions** for an optimal use



Landside pad to increase landside long-lasting



## Point "three holes"

Three holes point have four positions for an optimal use (Gregoire-Besson specificity)

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



## Self sharpening bar point

Ø 30 x 30 mm

**Adjustable and reversible**

**Makes it possible** to deepen the point independently from the share

**Guaranteed** against breaking and deforming



## Moulboard

**Large choice** to suit to all situations. Short or long, plain or slatted, helicoidal, cylindrical or mixed (american)



Cylindrical moulboard



Helicoidal moulboard



Slatted moulboards



Plastic moulboard

## Skimmer

**To choose according to the amount of residue to be buried**



Universal skimmer



Mixed skimmer



Maize skimmer



Manure skimmer



Field skimmer



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