

RANGE R6 | R8

MOUNTED PLOUGHS
MULTI-POSITION WORKING WIDTH



NEW RANGE R6 | R8

FORTRACTORS FROM 70 TO 240 HP

R6 | R8 MOUNTED REVERSIBLE PLOUGHS

High performance, tough, efficient!

RANGE R

The experience from the **RW6** and **RW8** ranges led Grégoire-Besson to decline, develop and use its expertise on the **R6** and **R8**, multi-position ploughs with adjustable working width, from 3 to 7* bodies.

* according to model, equipment and configuration

These ploughs have been designed to be reliable and robust.

NEW RANGE R6 | R8



RH Headstock

- RH 615 for R6 - Ø1115 mm shaft
- RH 830 for R8 - Ø130mm shaft
- 2 tapered conical bearings with the same diameter
- Mechanical inclination with wedges for adjustment
- Welded construction.

Option for RH Headstock

- Hydraulic shock absorber on top link
- «Hydraulic transport lock / unlock»
- Hydraulic adjustment of plough inclination



Shock absorber 01
Slotted and inclined top link hole 02



Pins are bolted.



Working width adjustment through toothed index

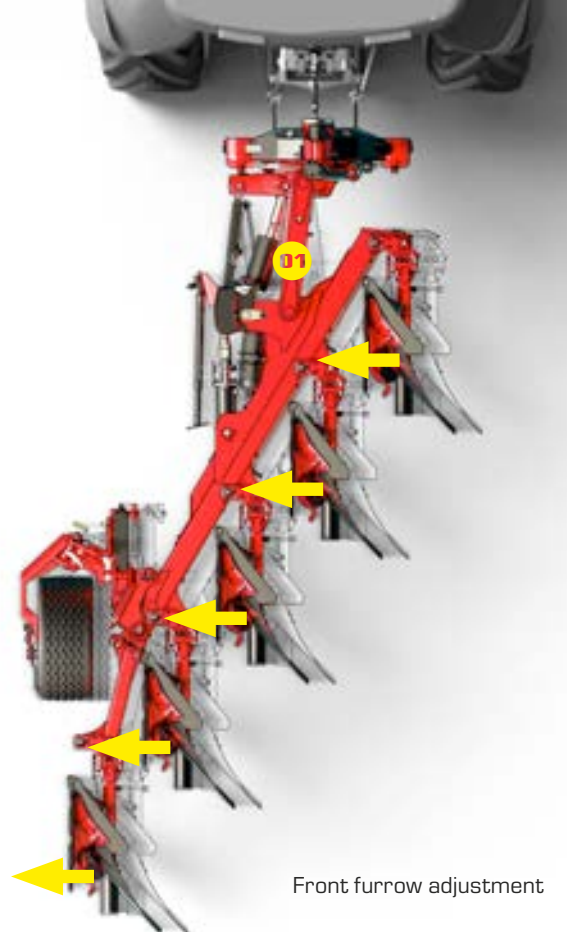
- 5 working widths : 14-16-18-20-22".
- Simplicity, ease and quick adjustment.



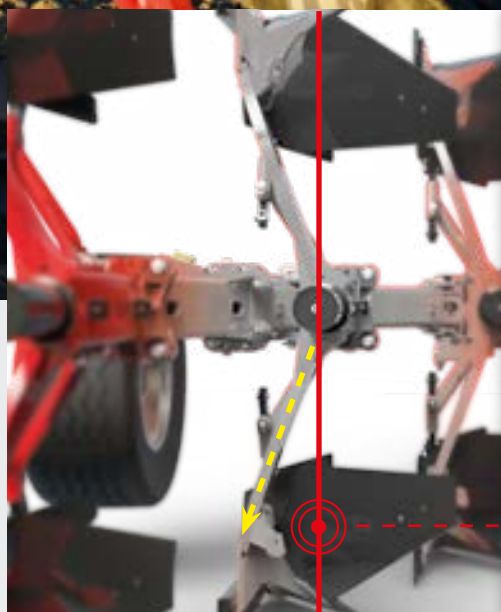
GB EXCLUSIVITY

Front furrow width and plough alignment : 100% independent adjustments

- Adapted to all inter-tyre distance.
- First body is erased.
- Regular ploughing in sloping grounds.
- Controlled working width.
- Perfect ploughing in all conditions..
- Front furrow adjustment on parallelogram, mechanical or hydraulic (optional), independent from plough alignment adjustment. **01**
- Mechanical adjustment of plough alignment, independent from front furrow adjustment.
- Hydraulic plough alignment with automatic closing/opening during turnover (standard) **02**



Front furrow adjustment



The traction point of the bodies is vertical to the shares, allowing the balance of the side forces on the body

GB EXCLUSIVITY

Offset elements

Wheel position optimized

- Optimum load transfer on tractor.
- Precise depth adjustment.
- Stability and comfort on the road.

Equal forces

- On bodies.
- On safety device balls.

Body traction point vertical to the shares

- Less pressure on landside = less power needed.
- Lateral forces reduced.
- Less wear of parts



Plough alignment

RANGE R6

3 to 5 furrows (6 furrows with safety device **Cr** and **B**)

Robust mounted reversible ploughs | Simple, compact, efficient !

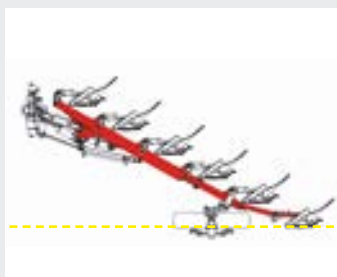
The range R6 is characterized by its simple and robust design for maximum versatility.

With a 140x140 mm beam, Ø 115 mm shaft and fixed coupling cat III N, this plough is perfectly adapted to tractors with lift capacity of 7 tonnes and more.



STRAIGHT BEAM

- Assemblies in 3 and 4 furrows require a straight beam.
- With wheel positioned at rear, load transfer is optimized.



«Z» DESIGNED FRAME

- Optimum wheel positioning
- Not overhanging 22» wheel (Wheel track is 'taken out')
- Optimal load transfer
- Precise depth adjustment
- Stability and road comfort



FUNCTION SELECTOR

The plough requires one double-acting cylinder on the tractor as standard equipment.

According equipments and options, it may require 3 double-acting cylinders and a function selector.



STANDARD EQUIPMENT R6

Ø 115 mm shaft

Frame 140 × 140 mm

3 to 5 furrows (6 furrows with safety device Cr & B)

Shearbolt safety device «Cr» and «B» or auto-reset hydraulic protection «Y»

Bolted elements with easy change of working width by means of toothed index.

For tractors from 90 to 180 hp.

Technical specifications

R6								
70 HP	115 mm	140x140mm	14" à 22"	170 cm	3	90, 100, 110, 120 cm	C, B, Y	1 830 Kg
90 HP					4			2 120 Kg
120 HP					5	90, 100, 110 cm	C, B	2 380 Kg
160 HP					5	120 cm		
					6	90 ou 100 cm	C, B	2 670 Kg

Weights and HP requirements only indicative, subject to variations following options and type of soil.
Interbody clearance : 100 cm | Safety device Y | Headstock RHS 115 | Wheel RTT10 11,5/80x15,3
Body D2 with H5 mouldboards | Mixed skimmers.

RANGE R8

4 to 6 furrows (7 furrows with safety device Cr and B)

Robust mounted reversible ploughs | Simple, compact, efficient !

The range R8 is characterized by its simple and robust design for maximum versatility.

With a 160x160 mm beam and Ø 130 mm shaft, this plough is perfectly adapted to tractors with lift capacity of 9 tonnes and more.



STRAIGHT BEAM

- Assemblies in 3 and 4 furrows require a straight beam.
- With wheel positioned at rear, load transfer is optimized.



«Z» DESIGNED FRAME

- Optimum wheel positioning
- Not overhanging 22» wheel (Wheel track is 'taken out')
- Optimal load transfer
- Precise depth adjustment
- Stability and road comfort



FUNCTION SELECTOR

The plough is adapted to tractors disposing of 3 double-acting cylinders.

According equipments and options, it may require one function selector.



STANDARD EQUIPMENT R8

Ø 130 mm shaft

Frame 160 × 160 mm

5 to 6 furrows (7 furrows with safety device Cr & B)

Shearbolt safety device «Cr» and «B» or auto-reset hydraulic protection «Y», «X» or «Z»

Bolted elements with easy change of working width by means of toothed index.

For tractors from 120 to 250 hp

Technical specifications

R8							
120 HP	130 mm	160×160mm	14" à 22"	170 cm 180 cm	4	90, 100, 110, 120 cm	C, B, Y
150 HP					5		
180 HP					6		
180 HP					6	110 cm	C, B
210 HP					7	90 ou 100 cm	C, B

Weights and HP requirements only indicative, subject to variations following options and type of soil.
Interbody clearance : 100 cm | Safety device Y | Headstock RHS 830 | Wheel RTT10 11,5/80x15,3
Body D2 with H5 mouldboards | Mixed skimmers.

GRÉGOIRE-BESSON SAFETY DEVICES

Hard conditions

SAFETY DEVICE TYPE CR



Shearbolt

- Light safety device: low point pressure capacity, for use in easy soil conditions
- Configuration until 6 furrows in RC6 and 7 furrows in RC8
- Straight leg

SAFETY DEVICE TYPE B



- Mounted on 4 independent ball bearings allowing both vertical and lateral movement
- Mounted on double linking rods
- Articulation axle assembled with grease fitting

SAFETY DEVICE TYPE X



For extreme conditions, anti-slipping system

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

SAFETY DEVICES TYPE Y AND Z

Mounted on 4 independent ball bearings allowing both vertical and lateral movement

Mounted on double linking rods

Articulation axle assembled with grease fitting



Safety device type Y

Point pressure capacity from 620 to 1600 kg

Ground clearance: 85 cm

Distance between ball bearings :

01 130mm 02 200 mm

Safety device type Z

For very hard conditions

Resized interaxle to increase point pressure capacity (700 to 2080 kg)





Ground clearance: 78 cm


Distance between ball bearings :

01 170mm 02 230 mm



AVAILABLE COMBINATIONS

													
		cm	Cr		B		Y		Z		X		
			R6	R8	R6	R8	R6	R8	R6	R8	R6		R8
3	90	✓	✗	✓	✗	✓	✗	✗	✗	✗	✗		
	100	✓	✗	✓	✗	✓	✗	✗	✗	✗	✗		
	110	✓	✗	✓	✗	✓	✗	✗	✗	✗	✗		
	120	✓	✗	✓	✗	✓	✗	✗	✗	✗	✗		
4	90	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓		
	100	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓		
	110	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓		
	120	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓		



RJR

5	90	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓		RT10 RTT10 RLBM RLBH RTRH RCRH
	100	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓		
	110	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓		
	120	✓	✓	✓	✓	✗	✓	✗	✓	✗	✓		
6	90	✓	✓	✓	✓	✗	✓	✗	✓	✗	✓		
	100	✗	✓	✗	✓	✗	✓	✗	✓	✗	✓		
	110	✗	✓	✗	✓	✗	✓	✗	✓	✗	✓		
	120	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗		
7	90	✗	✓	✗	✓	✗	✗	✗	✗	✗	✗		

GRÉGOIRE-BESSON DEPTH CONTROL WHEELS

A full range

CHOOSING A DEPTH WHEEL

Grégoire-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.

Thanks to the beam shape and leg offset, the depth wheel is now combining the lateral and rear positions to optimize the weight transfer, giving a better depth control and eliminating the wheel track.

	Tyres:	Compatibility: depth control + transport
Lateral mechanical	⊗	RLBM
	RT 10	RTT 10
Lateral hydraulic	⊗	RLBH
	RTRH	RCRH
Rear	RJR	⊗

RJR



PNEUMATIQUE :
10 / 75 - 12
320 x 60 - 12

COMPATIBILITÉ :
3, 4 corps

RT 10 | RTT 10



PNEUMATIQUE :
11.5 / 80 x 15.3
13 / 55 - 16

COMPATIBILITÉ :
5, 6 corps

RLBM / RLBH



PNEUMATIQUE :
320 x 60 - 12

COMPATIBILITÉ :
5, 6 corps

RTRH / RCRH



PNEUMATIQUE :
10,0 / 75 - 12
320 x 60 - 12
11,5 / 80 x 15,3
13,0 / 55 - 16

COMPATIBILITÉ :
5, 6 corps

GENUINE GRÉGOIRE-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

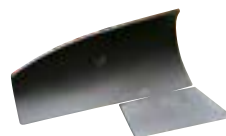
To choose according to the quantity of plant residues to be ploughed in.



Maize skimmer



Mixed skimmer



Pasture skimmer



Universal skimmer



A l'épreuve du temps

GRÉGOIRE-BESSON FRANCE

49230 Montfaucon / Montigné-sur-Moine

FRANCE

☎ (+33) 2 41 64 72 67

☎ (+33) 2 41 64 67 73

@ contactfr@gregoirebesson.fr

🌐 fr.gregoire-besson.com

GRÉGOIRE-BESSON UK LIMITED

Spalding Road - Bourne - Lincs. PE10 0AU.

UNITED KINGDOM

☎ +441778423787

☎ +441778394431

@ enquiries@gregoire-besson.co.uk

🌐 gregoire-besson.co.uk

GRÉGOIRE-BESSON GMBH

Am Rabewerk 1 - 49152 Bad Essen

DEUTSCHLAND

☎ (0 54 72) 771 - 0

☎ (0 54 72) 771 - 195

@ contactfr@gregoirebesson.fr

🌐 fr.gregoire-besson.com/de

GRÉGOIRE-BESSON ITALIA

Via dell'industria, 9-9/A-9/B - Monte Roberto (AN)

ITALY

☎ +39 0731-375970

☎ +39 0731-375990

@ contact@agriway.it

🌐 agriway.it

GRÉGOIRE-BESSON CANADA INC

4480, Rue Martineau - St Hyacinthe (P. Québec) - J2R 1V1

CANADA

☎ (1) 450 799 56 15

☎ (1) 450 799 56 29

@ info@gregoirebesson.ca

🌐 ca.gregoire-besson.com

GRÉGOIRE-BESSON POLSKA Sp.zo.o.

Kowanówko | ul. Obornicka 1a - 64-600 Oborniki

POLSKA

☎ 61 297 75 30

☎ 61 297 22 62

@ gbesson@poczta.onet.pl

🌐 pl.gregoire-besson.com

ООО «ГРЕГУАР-БЕССОН ВОСТОК»

308006, г.Белгород, ул. Корочанская 132 А,

RUSSIA

☎ +7 (4722) 402-210

☎ +7 (4722) 402-210

@ info@gbvostok.ru

🌐 ru.gregoire-besson.com

ТОВ «ГРЕГУАР-БЕССОН УКРАЇНА»

18028, Україна, Черкаська обл., м. Черкаси, вул. Рози Люксембург, буд. 202.

UKRAINE

☎ + 38 (0472) 71-28-23

☎ + 38 (0472) 71-28-23

@ gregoirebesson.ua@yandex.ua

🌐 ru.gregoire-besson.com

GRÉGOIRE-BESSON CHINA

法国格力格-贝松公司 北京代表处 | 100025北京市朝阳区延静里中街3号长信大厦220室

CHINA

☎ 0086-10-65 08 06 40

☎ 0086-10-65 08 06 41

@ gregoirebessonchina@126.com

🌐 cn.gregoire-besson.com

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