

GRÉGOIRE  BESSON

www.gregoire-besson.com

EUROCULT

Mounted and semi-mounted

The stubble harrows
by Grégoire-Besson



for tractors from **80 to 400 HP**

EUROCULT

Mounted and semi-mounted

A new generation of stubble harrows

200 years of know-how and experience acquired by Grégoire-Besson in design and manufacturing of tillage equipments allowed its engineers to create a full line of new stubble harrows suitable to all conditions.



Polyvalent

Stubble cultivation

Deep tillage

Seed bed preparation with or without ploughing

Versatile

Choice for tines spacing :

- 230 mm
- 306 mm

Choice for rear accessories :

- triple row tine harrows
- rollers (various profile)

Choice for levelling device :

- levelling discs
- crossboard blades

Efficient

High clearance :

- under frame : 700 mm
- between beams : 800 to 1000 mm following model

Designed to work in heavy residues conditions

Mixing, straw distribution, levelling



Resistance

Working depth : 25 cm and more

Field operation with machine folded (ranges 2000 & 3000)

All pivot points assembled with bushings and grease fittings

Manoeuvrable

Transport width : 3,00 m (foldable ranges)

Depth wheels in the middle

Depth wheels designed to allow short turns

Precise

Wheels in the middle, track taken out by a tine :

- excellent working depth control
- constant working depth, whatever the working conditions

EUROCULT

Mounted ranges 1000 & 2000

A new generation of stubble harrows

A mounted stubble harrows range designed to fit all your requirements.



Frame choice

2 types of frames available

Eurocult 1000 : fixed frame

Eurocult 2000 : foldable frame

- flat fold 3 sections
- transport width : 3,00 m
- possible field operation with machine folded
- no overhanging tine in transport

Accessories combination choice

Depth wheels + triple row tine harrow

Rear roller + levelling accessories

Wheels for EC 1000 and 2000

700 x 12 Industrial profile

Ø 690 mm

Width 180 mm

Technical specifications



Eurocult 1000 (fixed frame)

13	230 mm	3,00 m	3,00 m	1 225 kg	105 hp
15		3,45 m	3,50 m	1 365 kg	120 hp
17		3,90 m	3,90 m	1 610 kg	135 hp
10	306 mm	3,10 m	3,10 m	1 080 kg	80 hp
12		3,70 m	3,70 m	1 150 kg	95 hp

Eurocult 2000 (flat fold 3 sections frame)

17	230 mm	3,90 m	3,00 m	2 160 kg	135 hp
19		4,40 m		2 400 kg	150 hp
21		4,85 m		2 740 kg	170 hp
23		5,30 m		2 985 kg	185 hp
14	306 mm	4,30 m	3,00 m	2 000 kg	135 hp
16		4,90 m		2 240 kg	145 hp
18		5,50 m		2 480 kg	155 hp

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

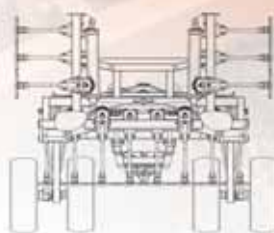
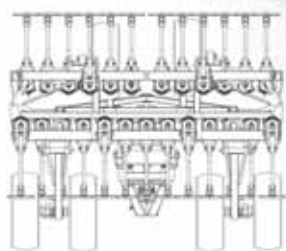
EUROCULT

Semi-mounted ranges 3000 & 4000

A new generation of stubble harrows

A semi-mounted stubble harrows range for mid sized tractors.

Working width from 4,40 m to 5,75 m.



EC 3000

Flat fold 3 sections frame
Transport width 3,00 m
Possible field operation with machine folded
No overhanging tine in transport

EC 4000

Vertical 90° fold 3 sections frame
Transport width 3,00 m

Evenness, simplicity

Automatic self-levelling with integrated weight transfer
Walk over tandem (wheels set per pair on a boggy)
Working depth adjustment :
- on the go from the cab
- using (single point adjustment)

Tyre choice for EC 3000 and 4000

11,5 / 80 x 15,3
Tractor profile

Ø 845 mm

Width 290 mm

11,5 / 80 x 15,3
Radial, Implement profile

Ø 845 mm

Width 290 mm

Technical specifications



Eurocult 3000 (flat fold 3 sections frame)

23	230	6	5,30 m	3,00 m	4485 kg	185 hp
25		6	5,75 m		4825 kg	200 hp
18	306	6	5,50 m		4080 kg	155 hp

Eurocult 4000 (vertical 90° fold 3 sections frame)

19	230 mm	4	4,40 m	3,00 m	4250 kg	150 hp
21		4	4,85 m		4500 kg	170 hp
23		4 + 2 lat.	5,30 m		4750 kg	185 hp
14	306 mm	4	4,30 m		3500 kg	130 hp
16		4	4,90 m		3700 kg	140 hp
18		4 + 2 lat.	5,50 m		3800 kg	155 hp

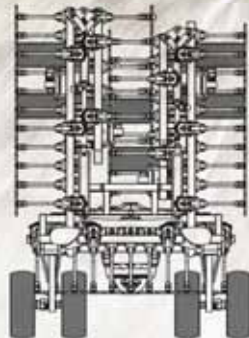
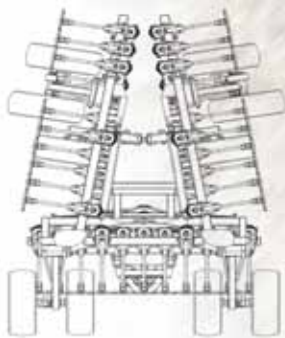
EUROCULT

Semi-mounted ranges 4500 & 5000

A new generation of stubble harrows

A semi-mounted stubble harrows range for high hp tractors.

Working width from 6,00 m to 11,30 m.



EC 4500

Vertical 100° fold
3 sections frame

Transport width 3,00 m

EC 5000

5 sections frame patented
Gregoire-Besson fold

No needless pressures
on the frame at work

Transport width 3,00 m

Precision

Narrow frame sections (less than 3,00 m)

Frame and hydraulic system designed
for a perfect ground following

Accurate depth control,
even for shallow tillage

Tyre choice for EC 4500

11,5 / 80 x 15,3
Tractor profile

Ø 845 mm

Width 290 mm

11,5 / 80 x 15,3
Radial, Implement profile

Ø 845 mm

Width 290 mm

Tyre for EC 5000

340 / 65 R 18 Radial, Implement profile

Ø 896 mm

Width 334 mm

Technical specifications



Eurocult 4500 (vertical 100° fold 3 sections frame)

27	230 mm	6 + 2 av.	6,20 m	3,00 m	5 170 kg	215 hp
31		8 + 2 av.	7,15 m		5 850 kg	250 hp
35		8 + 2 av.	8,05 m		6 550 kg	280 hp
20	306 mm	6 + 2 av.	6,15 m		4 060 kg	170 hp
24		8 + 2 av.	7,40 m		4 710 kg	190 hp
26		8 + 2 av.	8,00 m		5 000 kg	210 hp

Eurocult 5000 (patented 5 sections fold frame)

39	230 mm	8 + 2 av.	9,00 m	3,00 m	8 100 kg	315 hp
43		10 + 4 av.	9,90 m		8 900 kg	345 hp
49		10 + 4 av.	11,30 m		9 800 kg	390 hp
30	306 mm	8 + 2 av.	9,20 m		7 550 kg	240 hp
34		10 + 4 av.	10,45 m		8 350 kg	270 hp
36		10 + 4 av.	11,05 m		9 000 kg	290 hp

EUROCULT

Eurochisel®

A new generation of tine

For its stubble harrow, Gregoire-Besson has developed the Eurochisel® tine.



Individual tine height adjustment (Grégoire-Besson patent)



Protection of lower nut (Grégoire-Besson patent)



Eurochisel® tine standard assembly

Cast steel leg

"EdgeOn" profile :

- Strong leg fixing on its mounting bracket
- Narrow leg for less traction requirement
- Optimized trash flow
- Strong wearing part fixing on the leg with 2 bolts

Underframe clearance 700 mm

Spring reset safety device, trip pressure 450 kg

Raising height under point : 34 cm

Straight point

Quick change | Boulon

Working depth : 12 to 30 cm

45° profile = good penetration + low pulling

Ideal for hard or compacted ground

Carbide protection available as an option



Reinforced point

Quick change

Long-lasting

Central nervure to help stone lateral sway

Carbide protection available as an option



Goose share

Quick change | Boulon

Working depth : 5 to 10 cm

Ensure full width scalping

3 available width (254, 306, 356 mm) + "stay wide" profile = keeps full width all along wearing

Ideal for top cultivation

"Ultra Wing" profile = low pulling



Double heart point

Boulon

Universal use

Removes ground on the one side, shares flow on the other side

Fixing by 2 holes without slot



Deflector

Quick change

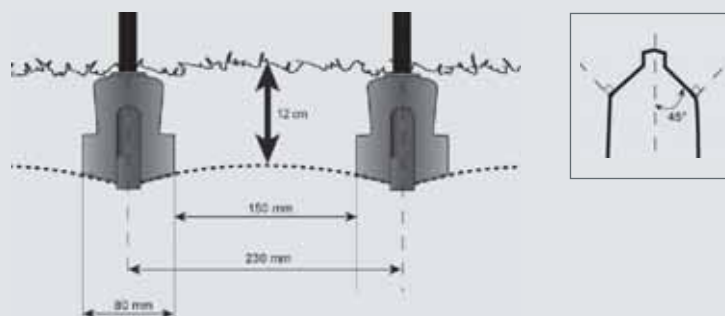
Mixing optimization



Eurocult is the only stubble harrows on the market designed to receive 2 tines spacing :

Tines spacing 230 mm

Crumbling on top
Holes and empty spaces elimination
Cracking in deep
Homogeneous mulch creation
Full width working even in shallow tillage conditions :
- goose share : 7 cm
- straight point : 12 cm



Tines spacing 306 mm

Fall tillage in extreme conditions
Deep tillage
Good flow in heavy trash conditions (corn)

Levelling devices

Discs

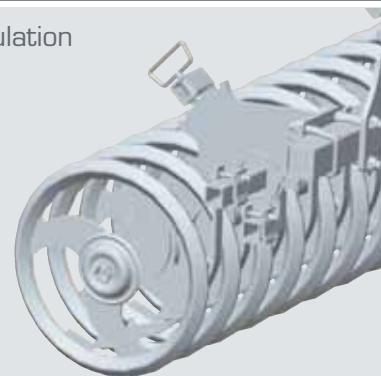


Crossboard blades



Active scrapers

Avoid ground accumulation
Levelling
Choice for finishing



Piled wheels roller Ø 500 mm

Even consolidation
Aggressive lozenge profile
Work in wet conditions



Crumbler roller Ø 500 mm

Dry and non-sticky conditions
Machine stabilization at work
Ground moisture preservation

Triple row tine harrows Ø 16 mm

Residue management (spreading + mixing)
Ground to root separation
Speeding up residue drying and decomposition
Getting round going backwards

www.gregoire-besson.com

Authorized dealer



49230 Montfaucon-Montigné | France
Tél. +33 (0)2 41 64 72 67 | Fax +33 (0)2 41 64 67 73
contactfr@gregoirebesson.fr